

NCEPU IAS SB Chapter Annual Report
For the Academic Year 2017-2018

PART I REVIEW

Since founded in March 2017, North China Electric Power University (NCEPU) IAS Student Branch Chapter serves as a gateway to academic lectures, ‘banana’ colloquium, and voluntary activity that further students’ development of scientific research and diversify their academic life. After two years’ experience of holding varieties of activities, the chapter has developed rapidly and has achieved outstanding results. By the end of 2018, more than 60 students have signed up for membership.



IEEE IAS NCEPU STUDENT BRANCH CHAPTER
IEEE 工业及应用分支华北电力大学学生分会

As the number of chapter members continues to grow, the chapter’s activities are more colorful and meaningful. On the one hand, we invited renowned experts to give academic lectures about frontiers and ‘banana’

colloquium to the students. (In Chinese, 'banana' and 'communication with each other' sound alike. Therefore, we always adopt 'banana' to replace colloquium in order to attract more students.) On the second hand, we actively organize volunteers to participate in international academic conference in Beijing. On the other hand, we welcomed and recruited new student members with new semester coming.

As the level of activities is constantly improving, chapter has spread specialized knowledge to more students and every participant has gained a wider horizon in the professional field.

PART II ACTIVITIES

Section A: Voluntary Activity

From October 28 to November 3 in 2017, NCEPU IAS Student Branch Chapter recruited volunteers from all over the university, without the limit of grade, major and degree, to participate the voluntary activity serving for one of the international meeting from IEEE. In this meeting, every students not only perfectly completes their voluntary missions, but also listened to some lectures they are interested in as the big welfare for voluntary students from the organizing committee. Our voluntary missions included registration task, assistant-support task, order-keeping task, road-leading task...which almost cover all the flow of holding the meeting. That precious experience takes stubborn basement for NCEPU IAS Student Chapter to organize next voluntary activities for other meeting especially international meeting.

Furthermore, every voluntary students in NCEPU both considered



highly of this precious voluntary activity and thought this is a good chance and platform to communicate with well-known professors only can see in papers or websites before, improve their English skills during the process of supporting assistance for foreigner participators, and make good friends with some foreigners who still chat with each other after meeting. Organizer and meeting participators also praised our tasks after meeting.

Section B: Lecture & 'banana' colloquium

In December 16, 2017, Prof. Kai Sun from The University of Tennessee, Knoxville gave a lecture on “A Semi-Analytical-Semi-Numerical Framework for Faster Power System Simulation”. In the lecture, Professor Sun explained a large-scale simulation calculation method based on semi-analytic solution, and introduced the research done by his team in this aspect. At the same time, it provides a new theoretical research direction for the students. The rigorous and clear style of the lecture was recognized by the students, which further stimulated the students' interest and enthusiasm in the frontier field.

The lecture was in detail and aroused extensive interests. Audience asked quite a lot questions and learned a lot.



And in March 27, 2018, as the form of 'banana' colloquium`, we invite young teacher Doctor Erping Deng to share his research experience during the experience of research life and communicate with students about how to read papers, determine the topic of research and write research paper. Doctor Deng is a knowledgeable, nice and humor people that gives students power and skills to face their future studies.



Lectures or colloquiums were held by NCEPU IAS Student Chapter monthly which welcome students every time. Students thought highly of that kind of activities because they can communicate with teachers and gain a lot of knowledge.

Section C: Welcome to New Students

On September 9, 2017, as new semester comes, NCEPU IAS Student Chapter welcome new students from all over the university. After advertising IAS Student Chapter in our Wechat platform, we held an interview for all the students who want to join in chapter in the following picture. After interview, we pick 50 outstanding students to participate the chapter that enlarge our student chapter.



PART III FUTURE

Over the past year, IEEE IAS North China Electric Power University Student Branch Chapter has developed rapidly in many aspects. As the scale of the chapter is gradually expanding, the level is constantly improving. However, there is still room for improvement, such as the efficiency of activity arrangements. We should summarize the flow of every kind of activities.

In the new academic year, we will hold more lectures and ‘banana’ colloquiums monthly to promote communication, organize more voluntary activities if possible. Responsibility and dedication are the credos of IAS SB Chapter. We are committed to building our society into a positive student branch for NCEPU, students, members and ourselves, so that we will strengthen the propaganda, organize meaningful and valuable culture construction and hold colorful activities. With the joint efforts of all members, we believe that there will be a bright future for the chapter.