chapter news | peter magyar

Triple Chapter **Jubilee**

For IEEE Industry Applications Society (IAS) Chapter development, the year 2015 was a very successful one. One Section Chapter (Lahore Section IAS, Pakistan) and 34 Student Branch (SB) Chapters, a total of 35 IAS Chapters, were formed. Two of the new Chapters are located in North America (The Ohio State University Graduate SB IAS Chapter in Region 2 and the Auburn University SB IAS Chapter in Region 3), and the remaining 33 were formed in Europe (two), Tunisia (one), Peru (four), Indonesia (one), Korea (one), Singapore (one), Australia (two), Sri Lanka (three), Pakistan (five), and India (13). The Chapter distribution and the year-over-year development dynamics are shown in Figure 1.

In September 2015, we had 141 Society Chapters and 112 SB Chapters, equaling 253 IAS Chapters altogether. The majority, 55% of the Section Chapters and 89% of the SB Chapters, were located outside North America. In Regions 9 (Latin America) and 10 (Asia and Pacific), SB Chapters constituted the majority—a significant majority in Region 10.

We had a triple Chapter jubilee this year. The Government College University Faisalabad (GCUF), SB IAS Chapter in the Lahore Section, Pakistan, was the 238th IAS Chapter. With the addition of this Chapter, the number of IAS Chapters has doubled since 2009, i.e., the starting year of the current Chapters and Membership Development team. On

> THE MEMBERS ARE ACTIVELY WORKING ON AN IDEA FOR THEIR FIRST EVENT.

1 January 2009, there were three SB and 116 Society Chapters, with 119 IAS Chapters in total. The Delft University of Technology (TU Delft) Joint IAS/Power Electronics Society (PELS) Chapter in the Benelux Section, The Netherlands, was the 100th IAS SB Chapter, and the Government Engineering College, Thrissur, SB IAS Chapter in the Kerala Section, India, was the 250th IAS Chapter. I am pleased to introduce our three jubilee Chapters.
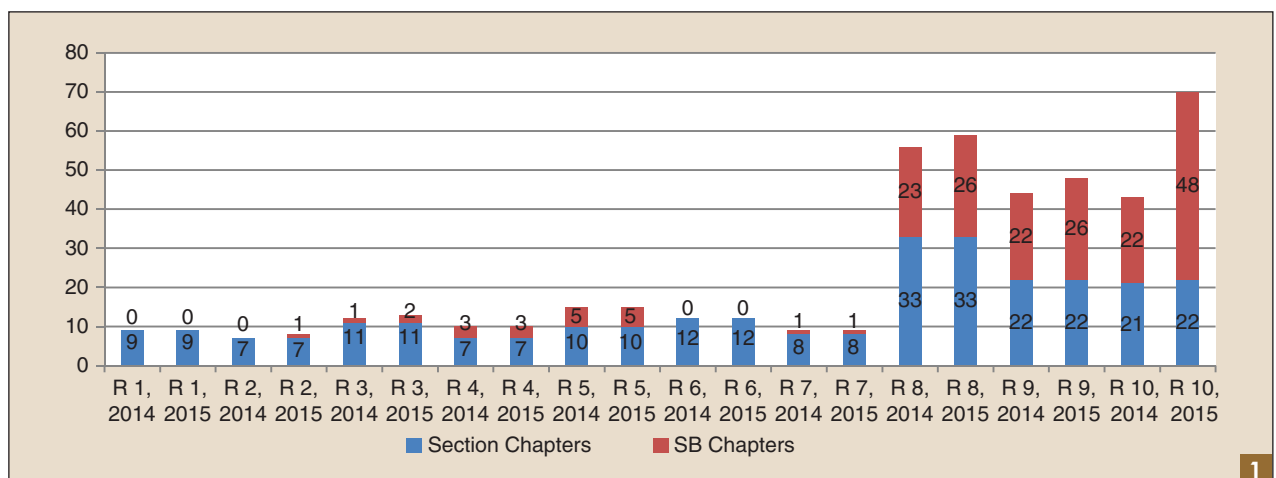
—Peter Magyar

The 238th IAS Chapter in Faisalabad

Faisalabad was designed more than 100 years ago in the 1890s and originally named Lyallpur for Sir Lyall,

IEEE IAS Chapter distribution and development dynamics, 2014–2015 (R stands for Region).

one of the designers. It is the third largest metropolis in Pakistan, the second largest in the province of Punjab after Lahore, and a major industrial center in the heart of Pakistan. The city was renamed Faisalabad in honor of King Faisal of Saudi Arabia.

Known as the Manchester of Pakistan, Faisalabad remains an important industrial hub with major railway repair yards; engineering works; and mills that process sugar, flour, and seed oils. Other important products produced in Faisalabad include superphosphates, cotton and silk textiles, hosiery, dyes, industrial chemicals,

beverages, apparel, pulp and paper, printing, and agricultural equipment. The textiles of Faisalabad are famous worldwide.

GCUF is a general university in the industrial and agricultural hub of Faisalabad. According to the latest university rankings by HEC, GCUF is fifth in the general universities ranking list. There are more than 43 faculties at GCUF and more than 25,000 students enrolled in different degree programs.

The IEEE GCUF SB has been meeting since 2008. More recently, the Student Chapter of the IEEE IAS GCUF was initiated in July 2015. Starting with ten

members [Zubair Saleem (chair), Usman Hashmi (vice chair), Sufiyan Khurshid (general secretary), Adnan Khalid (treasurer), Shoaib Ashraf, Khizra Asaf, Yasir Ali, Muhammad Mehmood Hammad, Uswa Rehman, and Mohsin], IEEE IAS GCUF is now working on its membership drive. For this purpose, a meeting with Asma Sajid, IEEE IAS GCUF advisor, was arranged on 25 August 2015 (Figure 2).

Currently, the members are actively working on an idea for their first event and are hoping to provide an activity that will prove useful for other students. During the meeting, initial planning was discussed, and tasks were assigned. The IAS GCUF team believes in bringing the latest technology from industry to share with students. We aim to serve as a strong link between industry and academia. Keeping this aim in mind, a productive and dynamic discussion will be arranged for the

> THE IAS GCUF TEAM BELIEVES IN BRINGING THE LATEST TECHNOLOGY FROM INDUSTRY TO SHARE WITH STUDENTS.

The beginning activities of the IEEE GCUF SB IAS Chapter: (a) the first meeting of the IEEE IAS GCUF with Advisor Asma Sajid, (b) IEEE IAS GCUF members in the Chapter's office, and (c) IEEE IAS GCUF members with a sign designed for its membership drive.

The TU Delft Chapter and its environment: (a) the group with Prof. Bram Ferreira (fifth from the left), Chapter advisor and PELS president, (b) the TU Delft campus, and (c) Oude Kerk (The Old Church), Delft.

The members of the Thrissur Chapter at work and enjoying the cultural life of their city: (a) the group with SB Counselor Joseph K.D. and SB Chapter Advisor Dr. Jaison Mathew (standing, seventh and eighth from left), (b) Chapter members working on a power electronics team project, and (c) Kudamattom during the Thrissur Pooram temple festival.

utmost benefit to the students. We are also planning to have more interaction with industry. If industry gets involved with students, it will be a win–win situation for both industry and academia because both need each other's cooperation and support to make sustainable products. Join us on Facebook for more updates: www.facebook.com/ieeeiasgcuf.

—Asma Sajid
Advisor, GCUF SB IAS Chapter

The 100th IAS SB Chapter in Delft

At TU Delft, within the Department of Electrical Sustainable Energy, the DC Systems and Storage Group is headed by Dr. Pavol Bauer. We are involved in research pertaining to high- and medium-voltage dc transmission networks and materials along with renewable energy integration, energy conversion mechanisms, and energy storage. The vision of our group is to develop technologies with a strong impetus toward a green and sustainable world. On 1 July 2015, the TU Delft SB Chapter made history by being the 100th SB Chapter of the IEEE IAS. This is a joint Chapter with IAS's sister Society, IEEE PELS. The Chapter was born with 12 student members associated with IAS and/or PELS. The Chapter advisor is Prof. Braham Ferreira, IEEE PELS president (Figure 3). The TU Delft group intends to use its youthful energy and the enthusiasm of its members to strengthen industry–academia cooperation. Being a very new Chapter, we envis-

age the following activities as immediate goals:

- initiate talks with companies, such Philips, ABB, and ASML for invited lectures at TU Delft
- invite professors of excellence to share experiences and research results
- conduct industrial tours to nearby companies
- create a new website for the Chapter that describes the activities as well as the vision and mission of the Chapter, TU Delft, and IEEE IAS and PELS.
- hold a brainstorming session on entrepreneurship and academia.

The SB Chapter constitution will have the following positions: chair (Venugopal Prasanth), vice chair (Minos Kontos), general secretary (Gautham Ram), and overall coordinator (Mladen Gagic). For details, see http://www.dcs.ewi.tudelft.nl/ieee-student-board/.

—Venugopal Prasanth,
Chair, Delft University of Technology Joint IAS/PELS Chapter

The 250th IAS Chapter in Thrissur

The IAS celebrated its 50th anniversary in 2015, and the Government Engineering College, Thrissur, India, Chapter was fortunate enough to be the 250th Chapter of the IEEE IAS (Figure 4).

The Government Engineering College, Thrissur, is one of the most prestigious institutions in the state of Kerala in India and offers undergraduate, postgraduate, and research programs in different engineering disciplines. Thrissur is known as the

cultural capital of Kerala because of its cultural, spiritual, and religious leanings throughout history and is also a major financial and commercial hub. Although the institution was established in 1957 and the IEEE SB of the institute was established in 1987, the IEEE IAS Chapter was only recently established. The IEEE SB has more than 80 student members, whereas the IEEE IAS Student Chapter has 20 student members, of which 12 are graduate students and eight are undergraduate students.

Since the majority of the students are graduating in power electronics, many of the events are technically oriented in that area. Activities in the pipeline include technical discussions led by the members, talks by IEEE Distinguished Lecturers, visits to industries, social events, technical workshops, networking with other Chapters, and the release of a Chapter newsletter. There is a membership committee, headed by the vice chair, that gives an orientation to a new batch of students every year. All the members are actively involved in the Chapter activities. See www.facebook.com/iasgect for more information.

—Jaison Mathew,
Advisor

—Riyas K,
Chair, Government Engineering College, Thrissur, SB IAS Chapter

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