

# *2010 IEEE Region 10 Meeting*

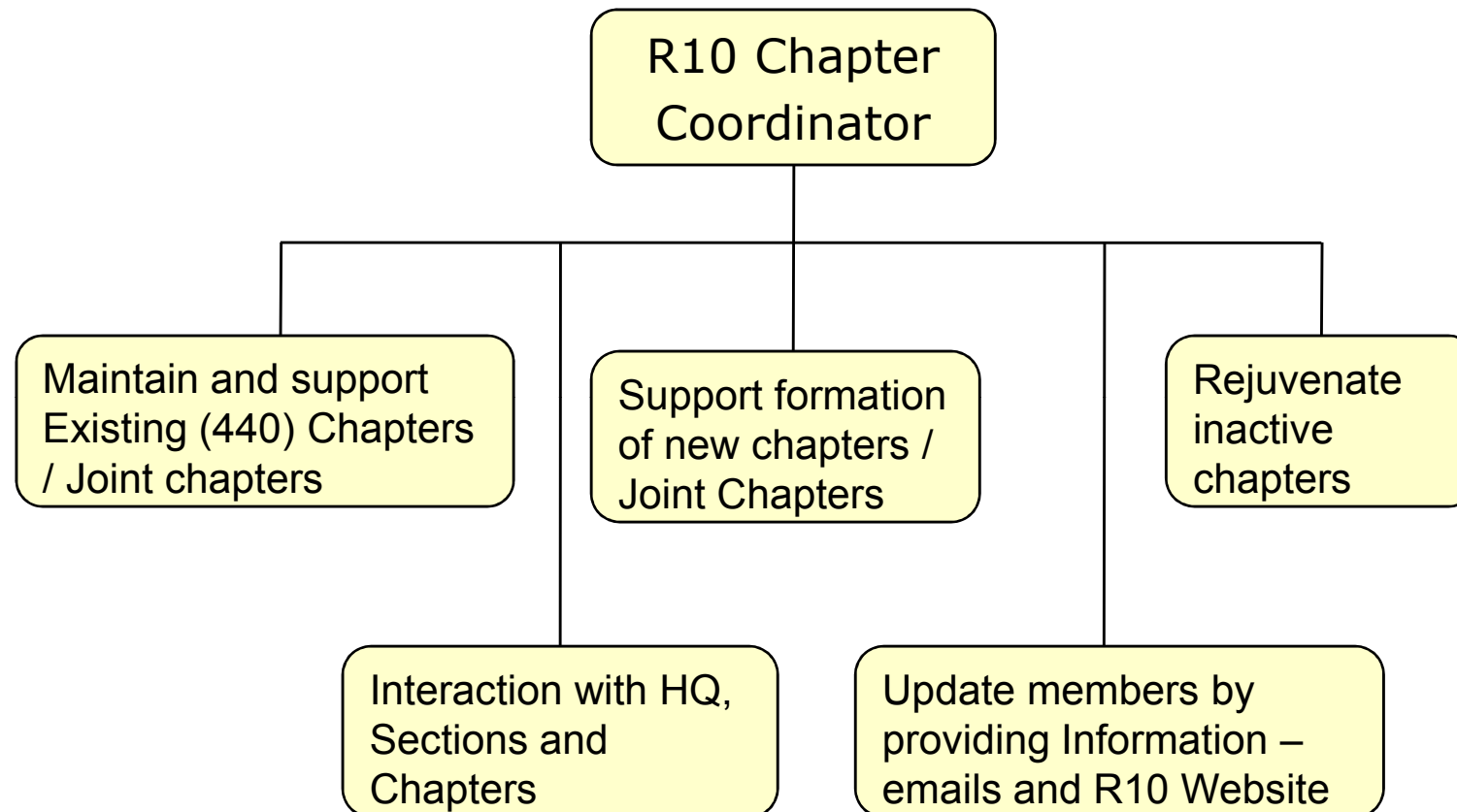
## **Chapter Coordination**

27<sup>th</sup> & 28<sup>th</sup> February 2010  
Cebu, Republic of Philippines

*Deepak Mathur*

*IEEE Region 10 Chapter Coordinator*

## Chapter Coordination



## What is a Chapter?

Chapters are your local link to the valuable resources available from the IEEE and the 38 IEEE Technical Societies.

A Chapter is a technical subunit of one or more IEEE Sections.

Chapters provide Society members with valuable opportunities to network at a local level enabling their personal and professional growth.

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## What is a Chapter?

*A Chapter is a technical subunit of one or more Sections, or a Council, constituted by a minimum of twelve (12) members of a Society concerned to represent and fulfill the technical needs of the members who live/work in relatively close proximity.*

## What is a Society ?

A Society is a global unit that operates in a distinct technical area and provides a forum and community for the exchange of technical information among Members in the respective discipline and industries of Electrical and electronics engineering and related arts and sciences.

## List of Technical Societies (Society Codes)

**(There are total 38 Technical Societies)**

- Aerospace and Electronic Systems (AES-10)
- Antennas & Propagation (AP-03)
- Broadcast Technology (BT-02)
- Circuits & Systems (CAS-04)
- Communications (COMM-19)
- Components, Packaging & Manufacturing Technology (CPMT-21)
- Computational Intelligence (CIS-11)
- Computer (COMP-16)
- Consumer Electronics (CE-08)
- Control Systems (CS-23)
- Dielectrics & Electrical Insulation (DEI-32)
- Education (E-25)
- Electromagnetic Compatibility (EMC-27)

## List of Technical Societies (Society Codes)

- Electron Devices Society (ED-15)
- Engineering in Medicine & Biology (EMB-18)
- Geoscience & Remote Sensing (GRS-29)
- Industrial Electronics (IE-13)
- Industry Applications (IA-34)
- Information Theory (IT-12)
- Instrumentation & Measurement (IM-09)
- Intelligent Transportation Systems (ITSS-38)
- Magnetics (MAG-33)
- Microwave Theory & Techniques (MTT-17)
- Nuclear & Plasma Sciences (NPS-05)
- Oceanic Engineering (OE-22)

## List of Technical Societies (Society Codes)

- Photonics (Formerly LEOS) (PHOT-36)
- Power Electronics (PEL-35)
- Power & Energy (PE-31)
- Product Safety Engineering (PSE-43)
- Professional Communication (PC-26)
- Reliability (RL-07)
- Robotics and Automation (RA-24)
- Signal Processing Society (SP-01)
- Society on Social Implications of Technology (SIT-30)
- Solid-State Circuits (SSC-37)
- Systems, Man & Cybernetics (SMC-28)
- Ultrasonics, Ferroelectrics & Frequency Control (UFFC -12)
- Vehicular Technology Society (VT-06)

## *What is a Technical Council?*

Technical Councils are groups of Societies working together in broad areas of technology. Councils sponsor activities which benefit individuals in all of the member Societies.

## List of Technical Councils (Council Codes)

*(There are total 7 Technical Councils)*

- Biometric Council (BIO-46)
- Council on Electronic Design Automation (CEDA-44)
- Council on Superconductivity (CSC-41)
- Nanotechnology Council (NANO-42)
- Sensors Council (SEN-39)
- Systems Council (SysC-45)
- Technology Management Council (TM-14)

## *Council on Electronic Design Automation*

**(List of member societies)**

1. Antennas & Propagation Society
2. Circuits & Systems Society
3. Computer Society
4. Electron Devices Society
5. Microwave Theory & Techniques Society
6. Solid-State Circuits Society

## *Council on Superconductivity*

### **(List of member societies)**

1. Communications Society
2. Components, Packaging, and Manufacturing Technology Society
3. Dielectrics and Electrical Insulation Society
4. Electron Devices Society
5. Instrumentation and Measurement Society
6. Magnetics Society
7. Microwave Theory and Techniques Society
8. Power Engineering Society Home
9. Reliability Society
10. Ultrasonics, Ferroelectrics and Frequency Control Society

## Nanotechnology Council

(List of member societies)

1. Aerospace & Electronic System Society
2. Antennas & Propagation Society
3. Circuits & Systems Society
4. Communications Society
5. Components, Packaging, & Manufacturing Technology Society
6. Computational Intelligence Society
7. Computer Society
8. Control Systems Society
9. Electron Devices Society
10. Engineering in Medicine & Biology Society
11. Electromagnetic Compatibility Society
12. Industrial Electronics Society
13. Instrumentation & Measurement Society
14. Lasers & Electro-Optics Society
15. Magnetics Society
16. Microwave Theory & Techniques Society
17. Reliability Society
18. Solid State Circuits Society
19. Robotics & Automation Society
20. Systems, Man, & Cybernetics Society
21. Ultrasonics, Ferroelectrics, & Frequency Control Society

## Sensors Council

## (List of member societies)

1. Aerospace and Electronic Systems Society
2. Antennas and Propagation Society
3. Broadcast Technology Society
4. Circuits and Systems Society
5. Communications Society
6. Computer Society
7. Components Packaging, and Manufacturing Technology Society
8. Dielectrics and Electrical Insulation Society
9. Electromagnetic Compatibility Society
10. Electron Devices Society
11. Engineering in Medicine and Biology Society
12. Industrial Electronics Society
13. Industry Applications Society
14. Instrumentation and Measurement Society
15. Magnetics Society
16. Microwave Theory and Techniques Society
17. Nuclear and Plasma Sciences Society
18. Oceanic Engineering Society
19. Photonics Society
20. Power & Energy Society
21. Robotics & Automation Society
22. Signal Processing Society
23. Solid-State Circuits Society
24. Ultrasonics, Ferroelectrics, and Frequency Control Society
25. Vehicular Technology Society

## Systems Council

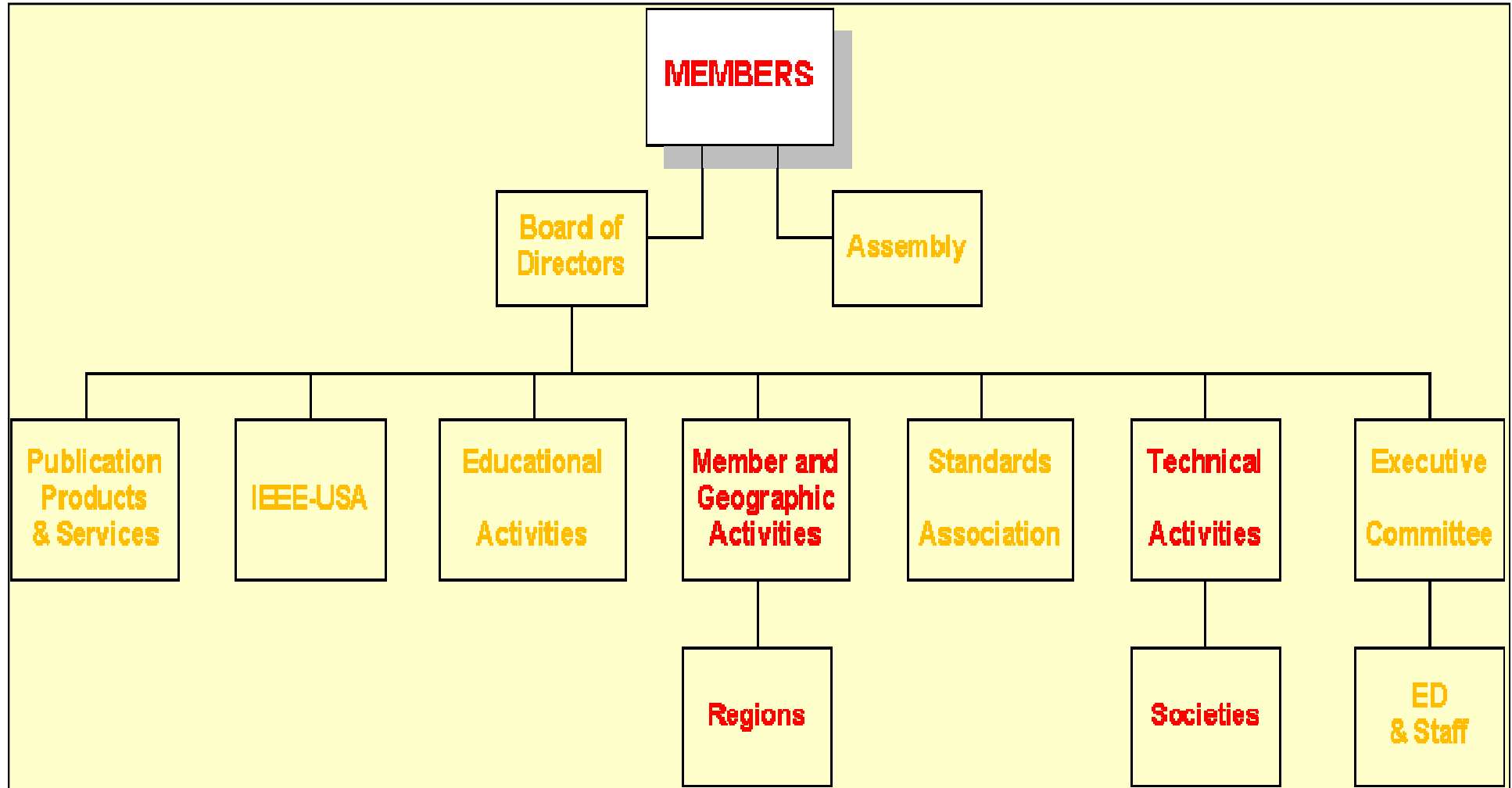
(List of member societies)

Aerospace & Electronic Systems  
Circuits And Systems  
Communications  
Computational Intelligence  
Computer  
Control Systems  
Instrumentation & Measurement  
Microwave Theory & Techniques  
Oceanic Engineering  
Power Electronics  
Product Safety Engineering  
Reliability  
Robotics & Automation  
Systems, Man & Cybernetics

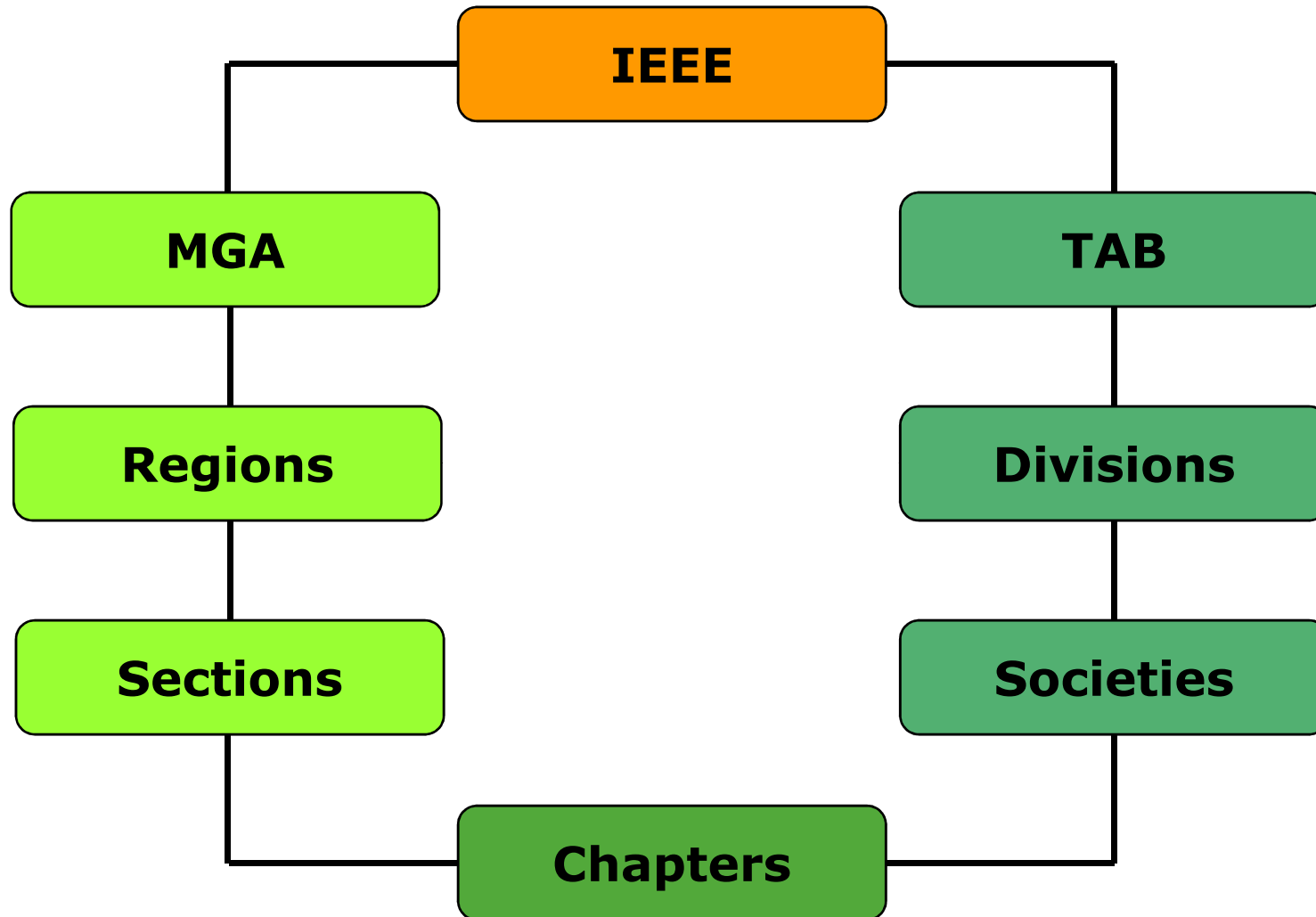
## **Technology Management Council** (List of member societies)

1. Broadcast Technology Society
2. Circuits & Systems Society
3. Communications Society
4. Computer Society
5. Electromagnetic Compatibility Society
6. Electron Devices Society
7. Industrial Electronics Society
8. Photonics Society
9. Professional Communication Society
10. Reliability Society
11. Signal Processing Society
12. Solid State Circuits Society
13. Systems Man and Cybernetics Society
14. Vehicular Technology Society

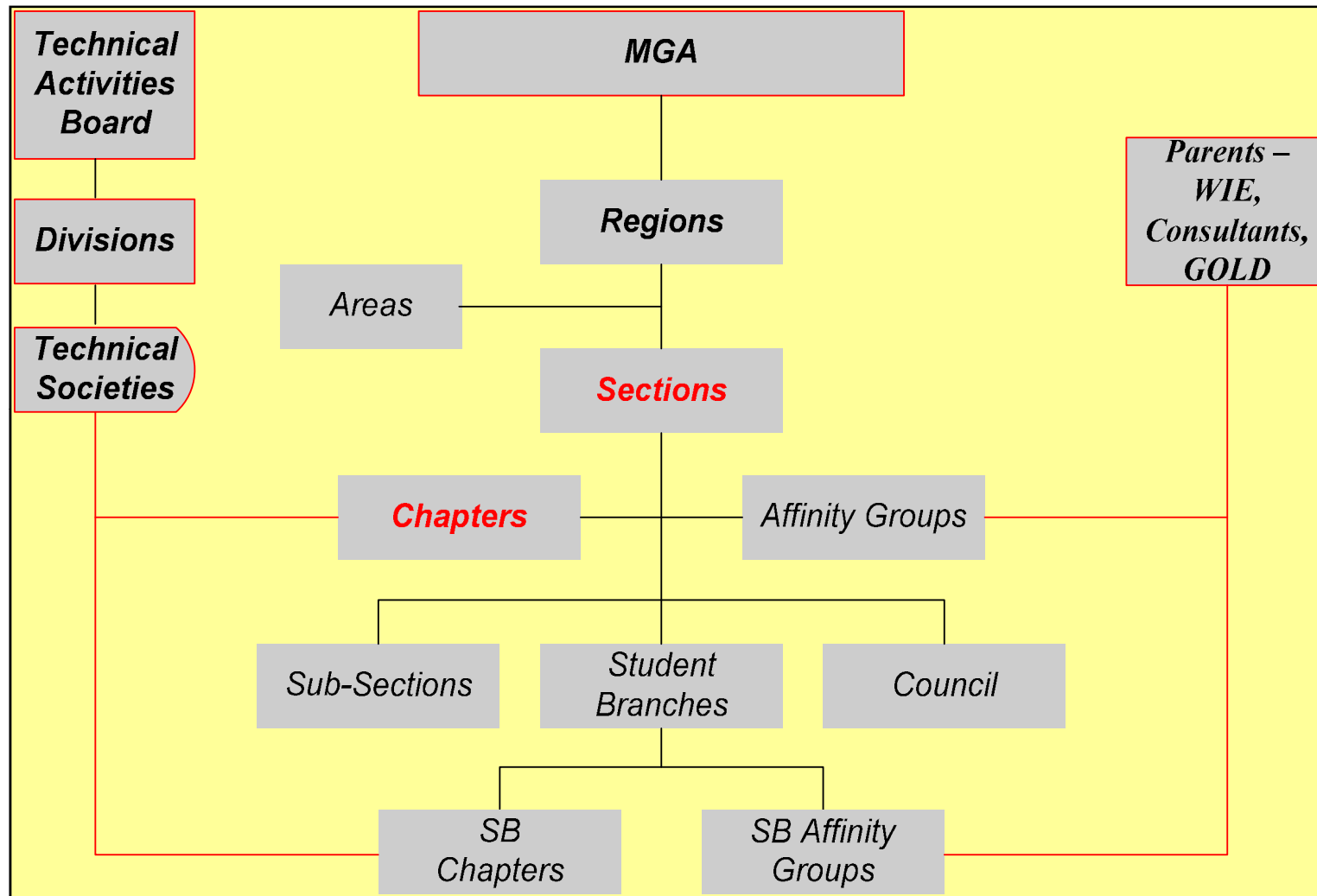
# IEEE Organization



## IEEE Organization

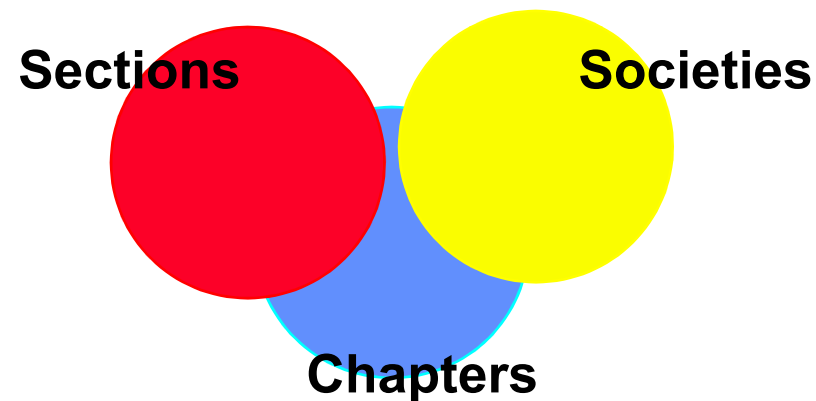


# IEEE Organization



## Chapters have two "Supports"

- The Section (primary responsibility for finance)
- The Society (support and technical activities)



## Division I

## *Societies by Division*

Circuits and Systems

Council on Electronic Design Automation;  
Electron Devices Society  
Nanotechnology Council;  
Solid-State Circuits Society

## Division II

Components, Packaging, and Manufacturing Technology  
Society;  
Dielectrics and Electrical Insulation Society;  
Industry Applications Society;  
Instrumentation and Measurement Society;  
Power Electronics Society;  
Ultrasonics, Ferroelectrics and Frequency Control

### Division III

Communications Society

### Division IV

Antennas and Propagation Society;  
Broadcast Technology Society;  
Consumer Electronics Society;  
Electromagnetic Compatibility Society;  
Magnetics Society;  
Microwave Theory and Techniques Society;  
Nuclear and Plasma Sciences Society;  
Council on Superconductivity

### Division V

Computer Society

### *Societies by Division*

## Division VI

## *Societies by Division*

Education Society;  
Industrial Electronics Society;  
Product Safety Engineering Society;  
Professional Communication Society;  
Reliability Society;  
Society on Social Implications of Technology;  
Technology Management Council

## Division VII

Power & Energy Society

## Division VIII

Computer Society

## Division IX

## *Societies by Division*

Aerospace and Electronic Systems Society;  
Geoscience and Remote Sensing Society;  
Information Theory Society;  
Intelligent Transportation Systems Society;  
Oceanic Engineering Society;  
Signal Processing Society;  
Vehicular Technology Society

## Division X

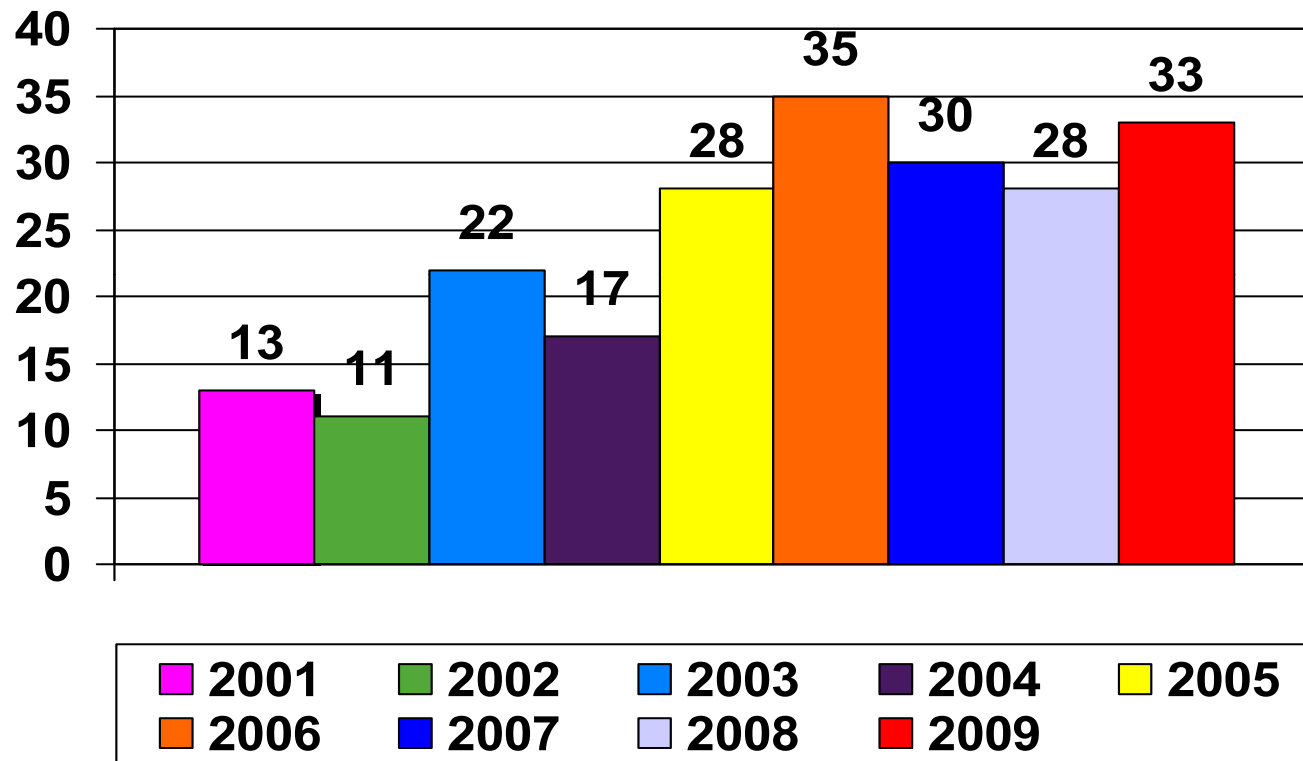
Biometrics Council;  
Computational Intelligence Society;  
Control Systems Society;  
Engineering in Medicine and Biology Society;  
Photonics Society;  
Robotics and Automation Society;  
Sensors Council;  
Systems, Man, and Cybernetics Society;  
Systems Council

## *A Chapter..*

*Provides services to local members to*

- Bring *information and knowledge*
- Be a Place for *Networking*
- Be a *Leadership Training* Ground
- Represent *members interest* at the Society

## R10 Chapters Formation at a Glance



## **Chapters formed in 2009**

### **January**

Shanghai Section Chapter, MTT017

Nanjing Section Jt. Chapter, ED015/SSC037

### **February**

Gujarat Section Jt. Chapter, AP003/MTT017

Hong Kong Section Chapter, MAG033

### **March**

Taipei Section (Taichung) Chapter, SMC028

Harbin Section Chapter, E025

Gujarat Section Chapter, COM019

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## Chapters formed in 2009

### April

Beijing Section Chapter, CIS011

Hong Kong Section Chapter, PSE043

Tainan Section Chapter, NANO042

Hyderabad Section Jt. Chapter,  
PE031/IA034/PEL035 (Re-organization)

### May

Chengdu Section Chapter, VT006

Chengdu Section Chapter, IT012

Uttar Pradesh Section Jt. Chapter,  
IE013/PEL035/CS023

Tainan Section Chapter, MTT017

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## *Chapters formed in 2009*

### *June*

Bangalore Section Jt. Chapter, AP03/MTT017

Bangalore Section Chapter, LEO036 (Photonics)

Seoul Section Chapter, NPS005

Macau Section Chapter, SSC037

New Zealand Central Section Jt Chapter,  
COM019/SP001/IT012

### *August*

Tainan Section Chapter, VT006

Taipei Section Chapter, IM009

## **Chapters formed in 2009**

### **September**

Harbin Section Chapter, CS023

Tainan Section Chapter, SMC028

### **October**

India Council Chapter, MTT017

Gujarat Section Chapter, PE031

New Zealand North Section Jt. Chapter  
PE31/PEL35 (Split)

New Zealand South Section Jt. Chapter  
PE31/PEL35 (Split)

## Chapters formed in 2009

### December

Wuhan Section Chapter, E025

Beijing Section (Tianjin) Chapter, EMB018

*Nanjing Section Chapter, MAG033*

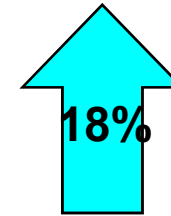
Tainan Section Chapter, IT012

Beijing Section (Shenzhen) Chapter, IE013

Growth .....in comparison to last year

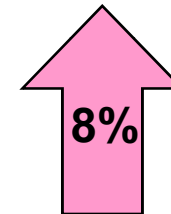
*Number of Chapters/Joint Chapters formed in 2009*

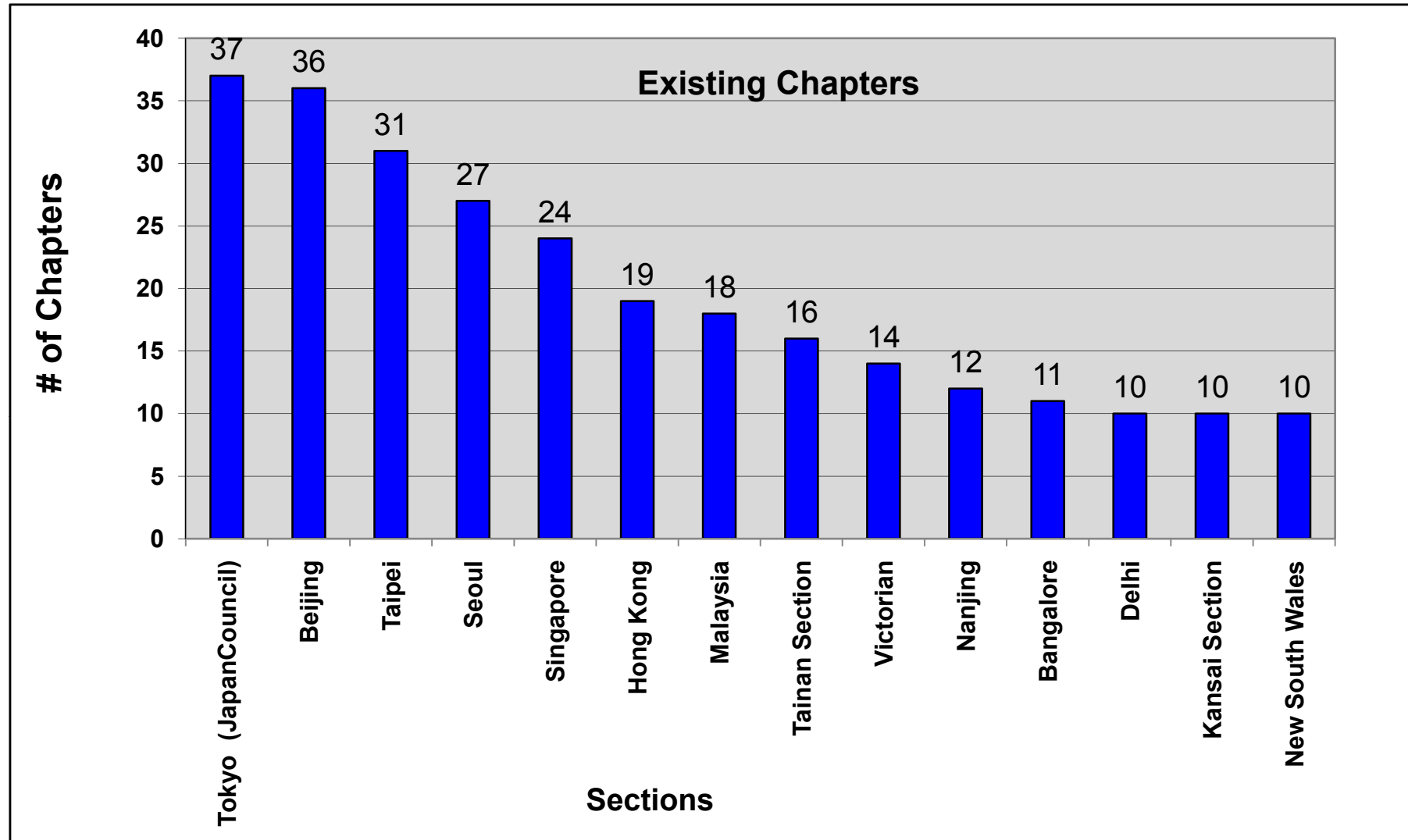
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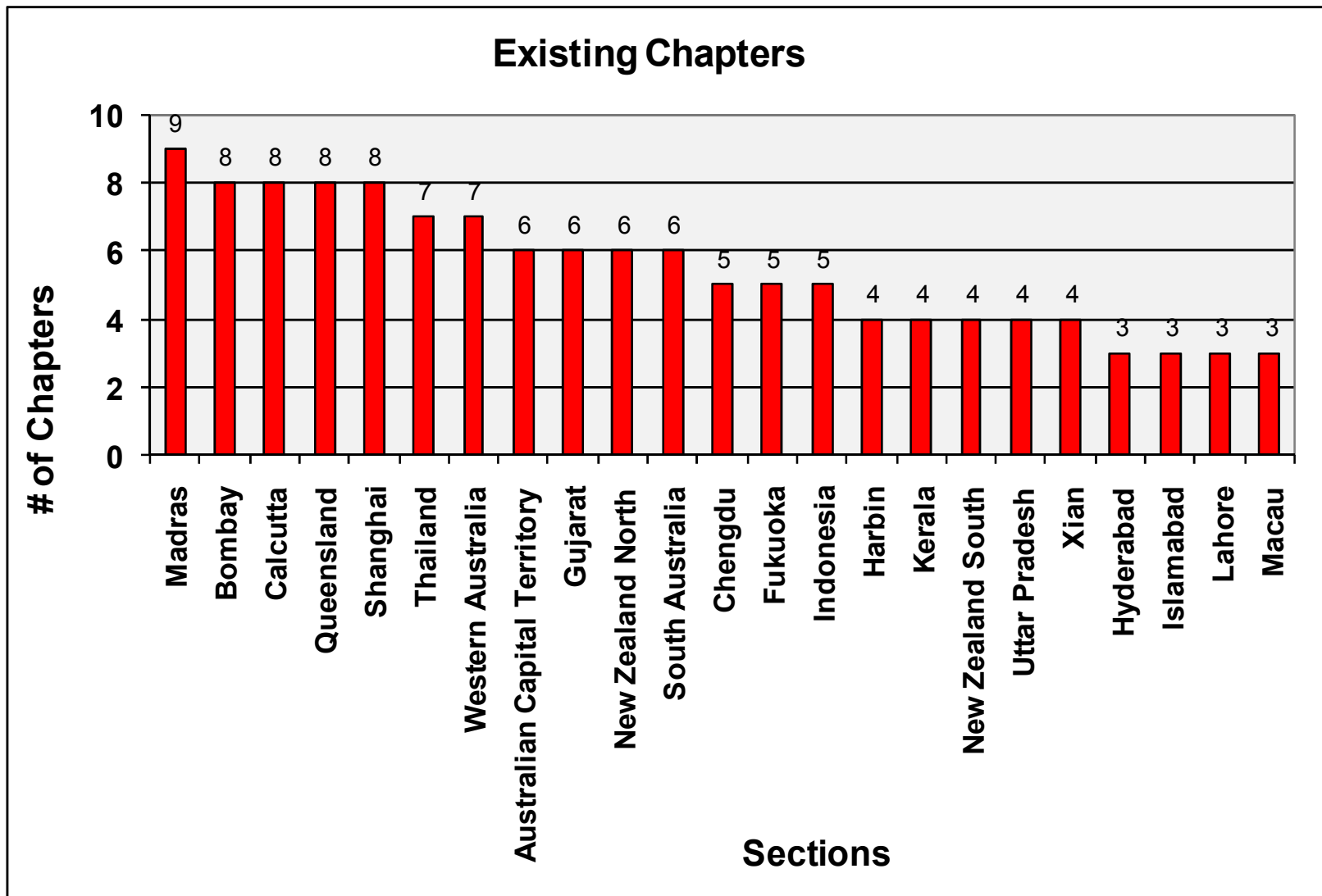


Total number of Chapters/ Joint Chapters in Region 10

440

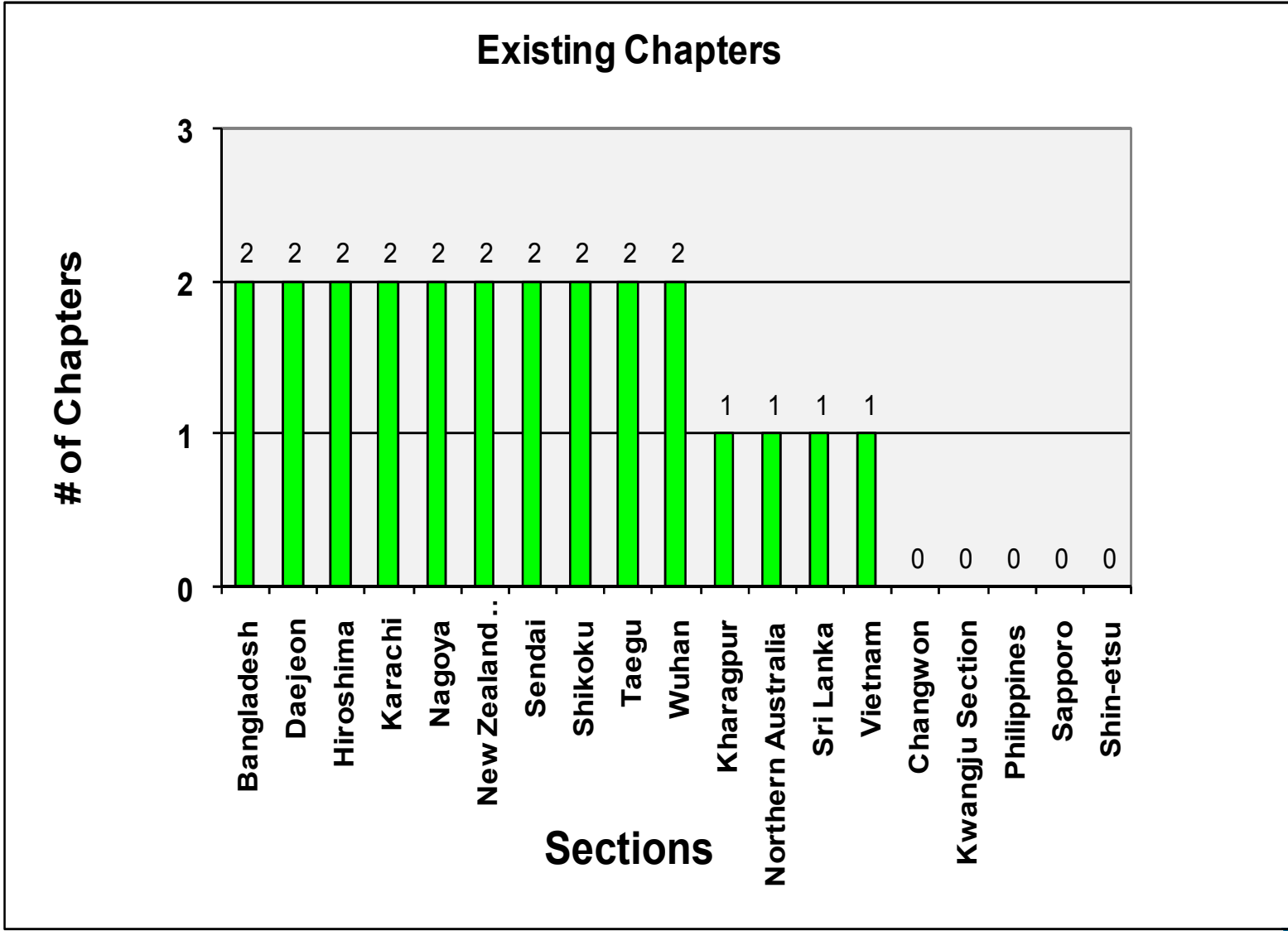






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Celebrating 125 Years  
of Engineering the Future

## **Chapter Formation Requirement**

### **New Society Chapter**

12 higher-grade members in the same society

### **New Joint Chapter**

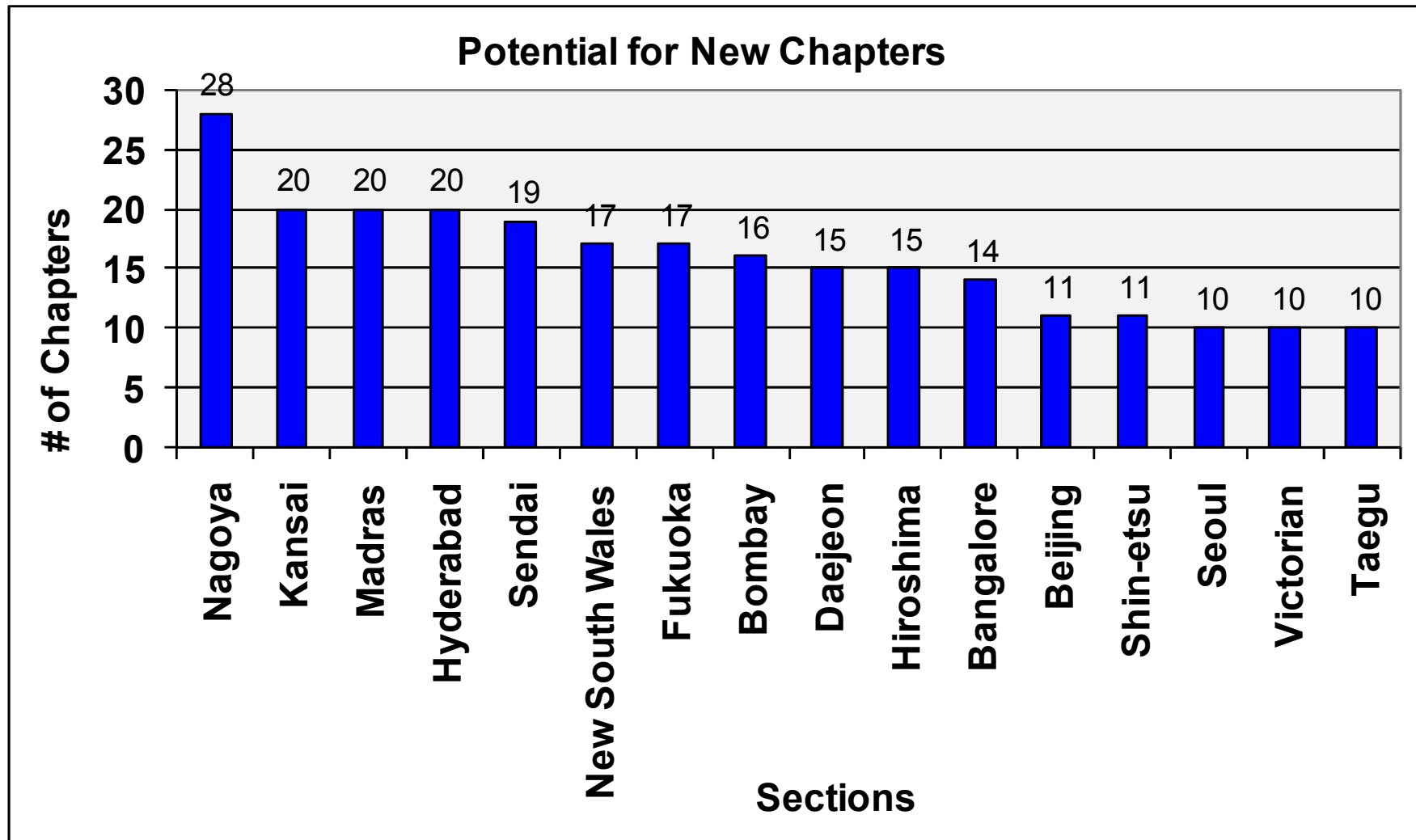
Joint Chapter in a section

12 higher-grade members in some related societies (minimum 3 for each society)

Joint Chapter of 2 or more contiguous Sections

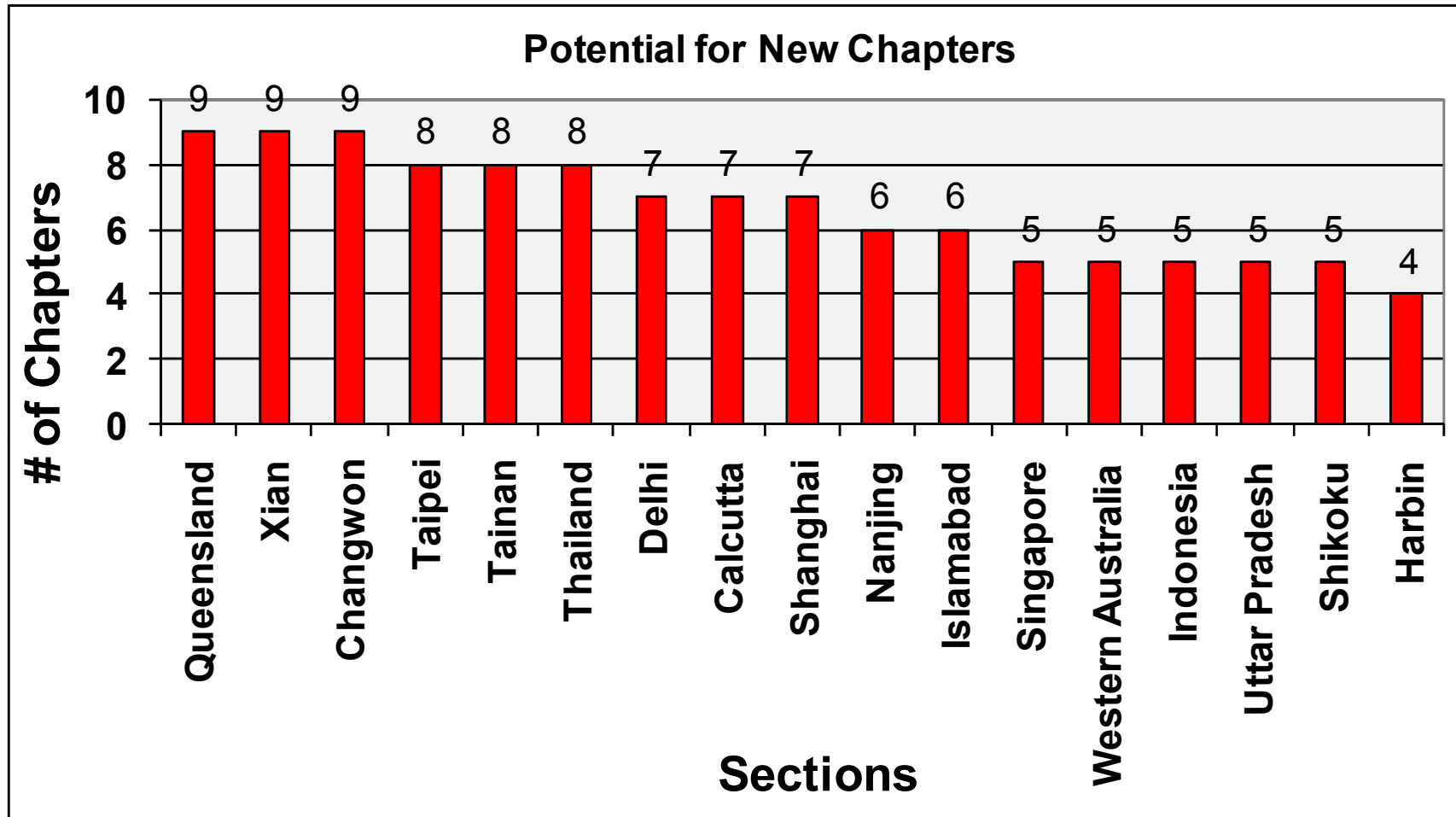
12 higher-grade members in a society

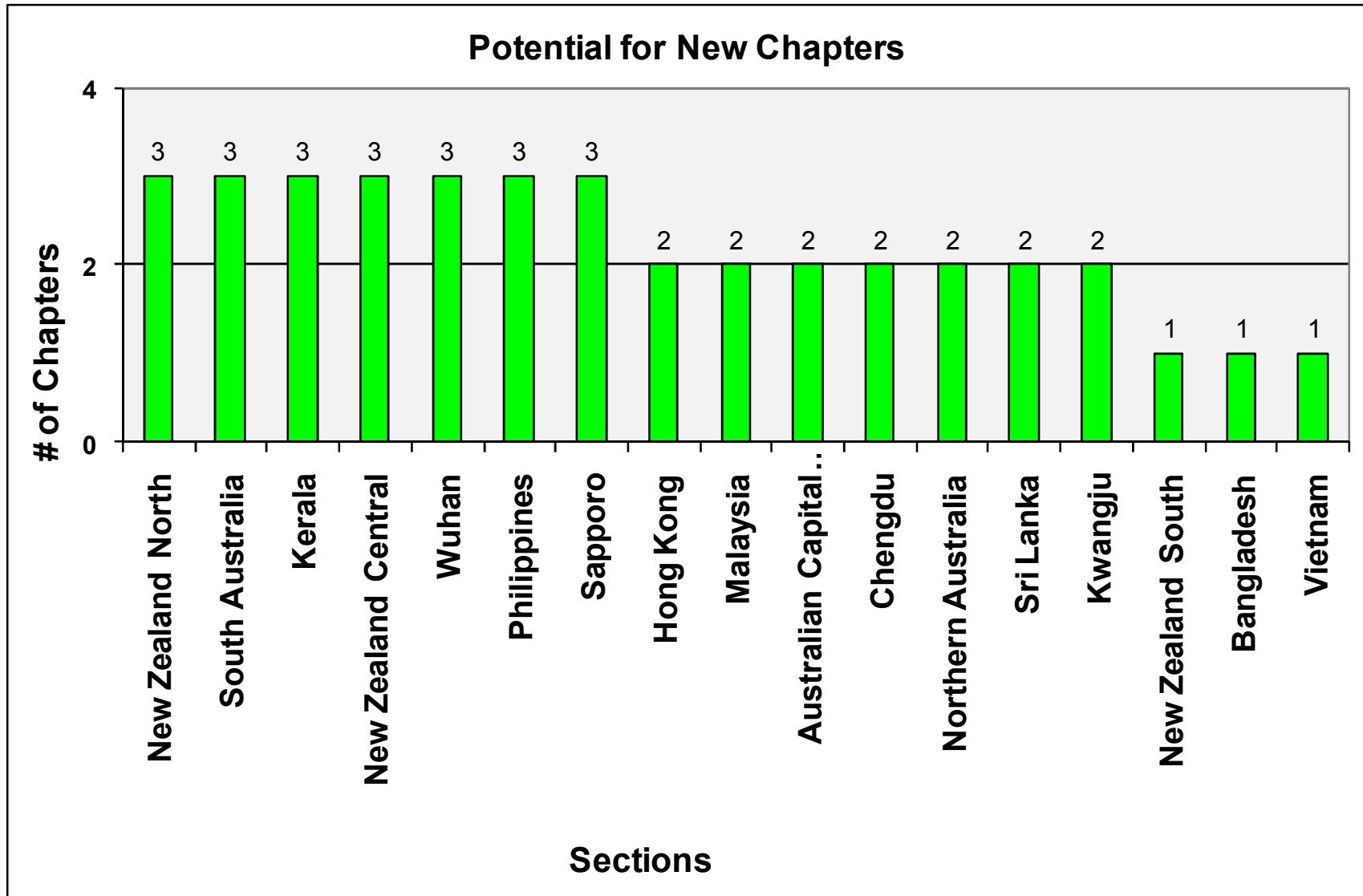
### **Expand an existing Chapter**



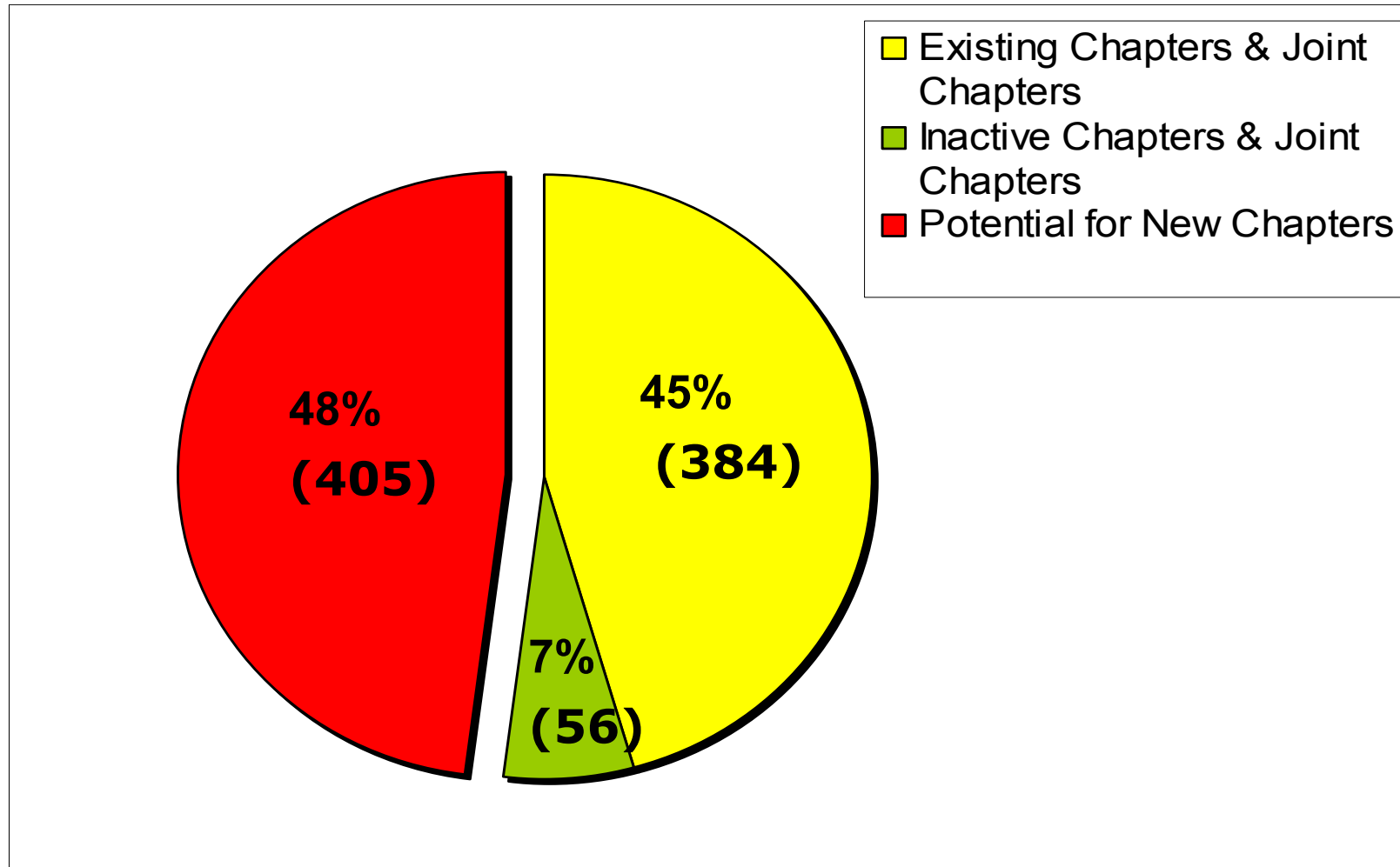
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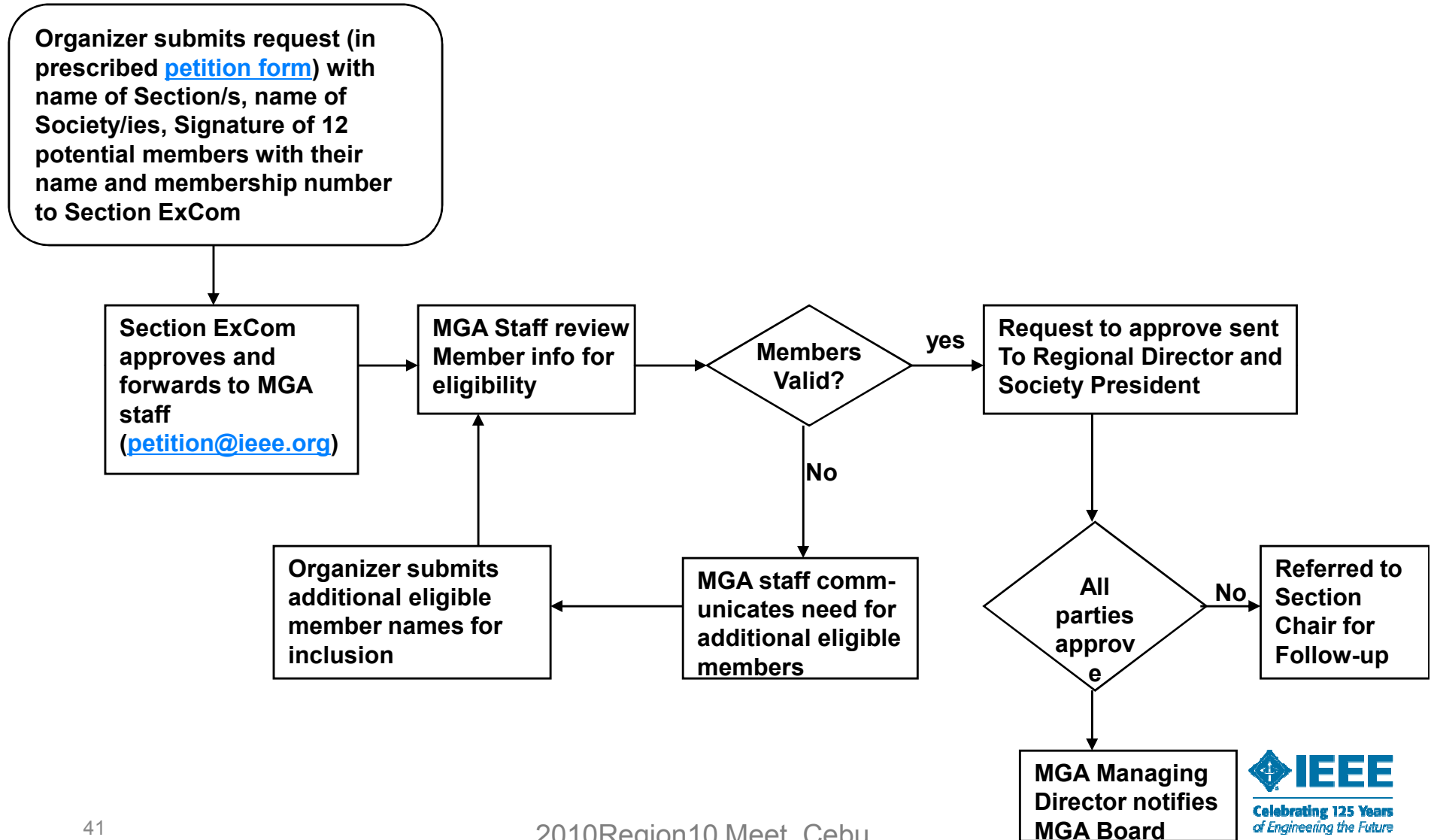




## Region 10 Chapters – Potential for Growth



# Chapter Formation Process



## **Active Chapters - Definition**

### **Validity**

- Minimum 10 Society Members in a year

### **Activities**

- Minimum 2 technical meetings in a year

### **Reports** (to its parent Section : section secretary)

- Current Officer Report
- Financial Report
- Meeting Report

## Definition of a meeting

If a meeting is reported more than once, and the date, location, type of meeting, and number of attendees are the same, it is considered one meeting and the duplicate meeting reports are deleted from the records.

Regardless of the length of a meeting, for reporting purposes, it is considered one meeting – If there are several speakers and topics, they would be considered 'sessions' of the same meeting.

To be considered separate meetings, the type of meeting, the location, and/or the number of attendees must vary. For example: if a Unit meeting begins at 9:00 AM and ends at 5:00 PM, even though there are several speakers and topics, it is considered one meeting.

## Definition of a meeting

Occasionally, Section Meetings are followed by Chapter meetings, or are joint meetings of 1 or more subunits. In those instances, the meetings may be reported individually by the Section(s) and Chapter(s) and can be counted as a separate meeting for each of the subunits.

If a Unit Executive Committee holds an administrative meeting, followed by a general technical or non-technical meeting, the meetings can be reported individually and will be counted as two (2) separate meetings.

Section, Chapter, and Affinity Group meetings should be held within the geographic boundaries of the Section.

# Financial Support

## Section Rebate

### Section

US\$2000 - Annual allowance

### Membership Rebate

US\$3.00 - Member, Student or Associate grade

US\$1.50 - Affiliate

US\$4.00 - Senior or Fellow Grade member based on 31  
December statistics.

### Subsection Rebate

US \$500 for each Subsection

## Chapter and Affinity Group Rebate

US\$200 for each Chapter and/or Affinity  
Group.

## *Financial Support*

### *Section Rebate*

#### **Bonus for Timeliness**

Sections whose reporting (financial, meeting and officer) is submitted by end of 3<sup>rd</sup> week of February every year, will receive a 10% bonus of the total rebate.

#### **Activity Bonus**

Sections reporting 10 meetings or more, at least 5 of which must be of a technical nature, receive an additional US\$200

Subsections reporting 10 meetings or more, at least 5 of which must be of a technical nature, receive an additional US\$100.

Chapters or Affinity Groups reporting 6 or more meetings of a technical nature receive an additional US\$75.

## *Financial Support*

Many societies offer support (financial) in the following form

- Distinguished Lecture Travel Grant
- Awards and recognition
- Special projects
- Competition prize money
- Support for Conferences and Seminars

Societies provide these funding to its chapters based on their need and fund availability. For more details visit:  
<http://www.ieee.org/portal/pages/tab/cha/fund.html>.

A Chapter has to make a formal request for approval of the fund.

## Chapter Activities 2009

- Chapter Activities webpage created on R10 website for information on chapters with details of process for formation of new chapters. The same is being updated regularly.
- A regular communication with all Section / Chapter chairs was established. Information related to – society membership (for formation of new society chapters, wherever potential membership exists) was provided to respective section chairs.

## Chapter Activities 2009

- Consequently 33 new chapters / joint chapters were formed and more are in pipeline.
- Concerned sections were informed regarding inactive chapters, pertaining to their sections, and the same was continuously followed up for revival.
- Matters related to not reporting and incorrect reporting pertaining to 6 chapters were resolved.

## Chapter Activities 2009

- Incentive for formation of first society chapter in sections was announced. There are 5 Sections (**Changwon, Kwangju, Philippines, Sapporo and Shin-etsu Sections**) without any chapter.
- Petition for formation of Philippines Section Joint chapter of Computer and Communications societies was completed and approval is awaited.

## *Chapter Activities 2009*

- Visited Beijing, Xi'an and Shanghai Sections (with R10 Section Coordinator) for formation of new chapters and making inactive chapters active. Provided training to the volunteers of these sections on technical society chapters.
- The Chapter growth, as one of the distinct criteria for selection for outstanding sections awards, was proposed in plan and the same is being implemented.

## *Expenditure incurred in 2009*

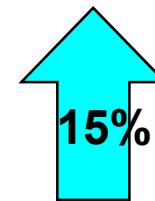
Budget : US\$ 3000

Expenditure: US\$ 1643.11

## Goal 2010

Promote chapter activities in Region 10 by forming new chapters and strengthening the existing chapters.

*Proposed increase in Chapters/  
Joint Chapters in 2010*



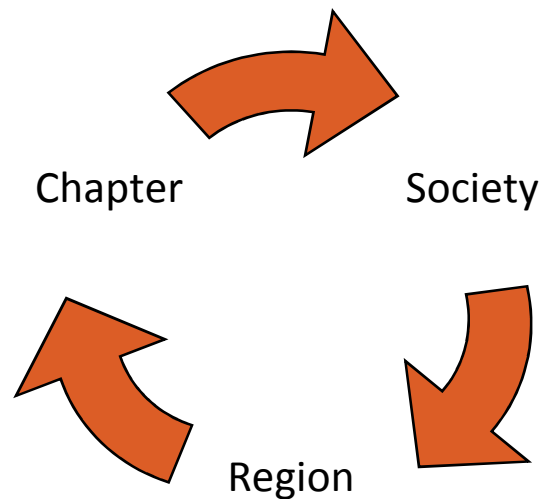
This will result in increased technical activities and sustained growth in membership.

## Plan 2010

- Ensure Chapter Promotion volunteer in each section and provide all support.
- Enrich chapter activity page with more details on support from various societies.
- Form new chapters in societies where required number of membership is already existing - in respective sections.
- Identify and rejuvenate inactive chapters.

## Plan 2010

- Support and incentive for formation of chapter(s) in ***Changwon, Kwangju, Sapporo and Shin-etsu Sections***. There are no chapters in these sections.
- Establish strong link between Chapter, Society and Region (10) to reap benefits provided by societies to chapters.



## *Important Information*

Following information for each section have been prepared for the distribution to enable better chapter management.

- List of existing chapters
- List of existing joint chapters
- List of inactive chapters (if any)
- List of potential societies for new chapters

## Proposed Budget

1.	Special projects/ support/ incentives	\$3500
2.	Miscellaneous	\$500
	TOTAL	\$4000

## **IEEE society Chapter Homepage**

<http://www.ieee.org/portal/pages/tab/cha/index.html>

## **Resource Links**

## **Chapter Chair reference guide**

[http://www.ieee.org/portal/cms\\_docs/tab/cha/ccrefguide.pdf](http://www.ieee.org/portal/cms_docs/tab/cha/ccrefguide.pdf)

## **Create a new chapter**

<http://www.ieee.org/portal/pages/tab/cha/newchap.html>

## **Petition Form**

[http://www.ieee.org/portal/pages/iportals/geo\\_activities/units/forms\\_petitions/socchap\\_form.html](http://www.ieee.org/portal/pages/iportals/geo_activities/units/forms_petitions/socchap_form.html)

## **2009 Geographic Unit Rebate Schedule**

[http://www.ieee.org/web/geo\\_activities/units/Required\\_Reporting/rebateschedule.html](http://www.ieee.org/web/geo_activities/units/Required_Reporting/rebateschedule.html)

**Distinguished Lecturer Program** (includes a list of direct links to Society/Council program pages)

<http://www.ieee.org/portal/pages/tab/cha/lectweb2.html>

## **Technical Society Abbreviations**

## **Resource Links**

[http://www.ieee.org/web/geo\\_activities/units/Chapters/soc\\_abbrev.html](http://www.ieee.org/web/geo_activities/units/Chapters/soc_abbrev.html)

## **Section/Chapter Rejuvenation Strategies**

[http://www.ieee.org/web/geo\\_activities/units/pubs/Rejuv/index.html](http://www.ieee.org/web/geo_activities/units/pubs/Rejuv/index.html)

## **L31 Reporting**

<http://ewh.ieee.org/cgi-bin/l31/ReportForm.pl>

## **IEEE MGA Quick Start Training for Geographic Unit Leaders**

[http://www.ieee.org/web/geo\\_activities/units/officer\\_training/quick\\_start.html](http://www.ieee.org/web/geo_activities/units/officer_training/quick_start.html)

## **MGA Operations Manual**

<http://www.ieee.org/web/volunteers/mga/home/mga-opsman.html>

## **Society Chapter Funding Guide**

<http://www.ieee.org/portal/pages/tab/cha/fund.html>

*Thank you*

*Please send your inputs to –*  
[deepakmathur@ieee.org](mailto:deepakmathur@ieee.org)