

Tainan Section Report

PART A - SECTION SUMMARY

A.1 Executive Summary – (Please follow the format given below)

- Section Executive Committee Member List
 - Chair: Jiann-Fuh Chen, chenjf@mail.ncku.edu.tw
 - Vice Chair (Deputy): Chung-Ho Chen, chchen@mail.ncku.edu.tw
 - Vice Chair (Technical Activities): Gwo-Giun Lee, clee@mail.ncku.edu.tw
 - Vice Chair (Conferences): Shu-Mei Guo, guosm@mail.ncku.edu.tw
 - Vice Chair (Industry): Chih-Lung Lin, cllin@ee.ncku.edu.tw
 - Secretary: Meng-Hsueh Chiang, mhchiang@mail.ncku.edu.tw
 - Treasurer: Kuang-Wei Cheng, kwcheng@ee.ncku.edu.tw
 - Professional Activities: Sun-Yuan Hsieh, hsiehsy@mail.ncku.edu.tw
 - Membership Development: Lih-Yih Chiou, lihyih@mail.ncku.edu.tw
 - Student Activities: Che-Wei Lin, lincw@mail.ncku.edu.tw
 - Educational Activities: Peng-Ting Chen, chen@mail.ncku.edu.tw
 - Newsletter Editor: Kuo-Sheng Cheng, kscheng@mail.ncku.edu.tw
 - Awards & Recognition Committee Chair: Tsorng-Juu Liang, tjliang@mail.ncku.edu.tw
 - Nominations and Appointments Chair: Kuen-Jong Lee, kjlee@mail.ncku.edu.tw
- Section Highlights

In the year of 2021, Tainan Section held 1 annual meeting, 9 administrative meetings, and 1 technical workshop. Further, Tainan Section provided supports to our affiliated chapters in organizing their professional related activities. In total, there were 73 technical activities held by our chapters in the year of 2021.
- Major Events (International, National)

In the year of 2021, Tainan Section kept putting high efforts in institutionalization of our section administrative and also financial operation process with anticipation of sustainability. Cooperating with the Department of Electrical Engineering, NCKU, we aimed to design our section operation procedure in being seamless and without any idling period in between two section chair's transfer. Further, the section provided banking and accounting supports to the conferences held by our chapters and members. Several main technical activities are listed in the followings. 10 keynote speakers were invited to 10 technical activity distinguished lectures:

 1. Yao-Win Peter Hong,
2021/01/08, UAV Communications for Data-Gathering in Wireless Sensor Networks
 2. Hsiao-Dong Chiang,
2021/03/04, Smart Grids (High-performance Grids) in EMS and Renewable Energy Management
 3. Chin-Chen Chang,
2021/03/15, Applying De-clustering Concept to information concept
 4. Yi-Bing Lin,
2021/04/29, Internet of Things, Big Data and Artificial Intelligence
 5. David Lyou,
2021/05/04, Are You Ready to be the Professional IC Design Engineer?
 6. Nanshu Lu,
2021/05/14, Wireless E-Tattoos for Personalized Sensing and Therapy
 7. Yi Chang,
2021/05/20, High Vth E-mode GaN FEG-HEMT (Hybrid Ferroelectric Charge Trap Gate Stack) for Power Switching and Gate-Drive Applications
 8. Jae Seung Lee,
2021/10/15, Microwave and High-Power Electrification Technology in Automotive Engineering
 9. Imre J. Rudas,
2021/11/13, Towards the Unified Digital Reality in service of Cyber-Physical Control
 10. Charles Tsai,
2021/11/26, Challenges of Future Data Center Infrastructure

- Major Chapter Activities
In 2021, the Communications Society Tainan Chapter was very active in organizing technical activities. “2021 Taiwan Telecommunications Annual Symposium” was held on January 19, 2021 and resulted in a very successful activity with around 756 attendances. In 2021, Sensors Council Chapter was held 8 more technical activities. SEN Chapter Chair, Prof. Teen-Hang Meen, worked hard to apply for support from IEEE SEN Society.
- Major Student and Affinity Group Activities
Due to the COVID-19 pandemic restriction, the student are encouraged to participate on-line seminars rather than in person activities.
- Awards
 - **2021 IEEE Region 10 Outstanding Medium Section Award**
 - 2021 was the 8th IEEE Tainan Section Annual Awards which consists of 5 different awards. Following winners were selected from 34 nominees after thorough review by 1 Awards Chair and 12 reviewers.
 - Best Master Thesis Award** – Fandel Lin, Zhen-Ming Huang and Si-Hua Chen
 - Best Ph.D. Thesis Award** – Hung-Yi Huang and Yun-Zhan Cai
 - Best Young Professional Member Award** – Fu-Kang Wang, Chia-Hsiang Lin, Fan-Hsun Tseng and Chih-Hsien Huang
 - Outstanding Technical Achievement Award** – Chuan-Yu Chang and Pei-Yin Chen
 - Best Service Award** – Teen-Hang Meen

A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted on NetSuite)
Tainan Section supported all programs and activities at both the section and chapter levels in 2021. To encourage and promote student activities, Tainan Section provided budget for supporting Conferences. In 2021, the income was TWD 1,558,640 and the expense was TWD 1,288,281. Thus the final balance is TWD 1,333,528 and USD 5,816.67 as of December 31, 2021.
- Any other financial activities
N/A

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.

Grade	2019	2020	% Change	2021	% Change
Life Fellow	5	8	60.00%	9	12.50%
Fellow	17	15	-11.76%	15	0.00%
Life Senior	2	1	-50.00%	1	0.00%
Life Member	1	1	0.00%	-	-
Senior Member	116	123	6.03%	127	3.25%
Member	491	441	-10.18%	444	0.68%
Associate Member	13	17	30.77%	16	-5.88%
Affiliate	17	12	-29.41%	9	-25%
Graduate/Student	213	200	-6.10%	178	-11%
Individual	1	-	-	-	-
TOTAL	876	818	-6.62%	799	-2.32%

- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

Recruiting new student member is one of the main focus of Tainan Section. We provided subsidies for the student member first year with half membership fee and supported selected student in attending international conference.

Besides, we opened all the activities held by the section or chapters to non-member participants under the consideration of letting more people know IEEE by providing information on new technologies in

every specialized research area. In 2021, we had 1,313 members and 5,222 nonmembers who participated in Tainan Section's activities.

B.2 Chapter Activities

- Total number of Chapters in the Section
Currently there are 15 Chapters, 1 Council Chapter, 2 Affinity Groups, and 2 Student Branches in the Tainan Section. The detailed information is as follows:
 1. Antennas and Propagation Society Tainan Chapter / Wei-Yu Li
 2. Broadcast Technology Society Tainan Chapter / Chih-Peng Li
 3. Computer Society Tainan Chapter / Sun-Yuan Hsieh
 4. Circuits and Systems Society Tainan Chapter / Chuen-Yau Chen
 5. Computational Intelligence Society Tainan Chapter / Jen-Wei Huang
 6. Communications Society Tainan Chapter / Tsang-Yi Wang
 7. Electron Devices Society Tainan Chapter / Wen-Kuan Yeh
 8. Engineering in Medicine and Biology Society Tainan Chapter / Kuo-Sheng Cheng
 9. IEEE Young Professionals Tainan Chapter / Ing-Chao Lin
 10. Information Theory Society Tainan Chapter / Trieu-Kien Truong
 11. Microwave Theory and Techniques Society Tainan Chapter / Chia-Chan Chang
 12. Nanotechnology Council Tainan Chapter / Yu-Cheng Lin
 13. Sensors Council Chapter Tainan Chapter / Teen-Hang Meen
 14. Systems, Man, Cybernetics Tainan Chapter / Hsuan-Fong Horng
 15. Signal Processing Society Tainan Chapter / Mong-Fong Horng
 16. Solid-State Circuit Society Tainan Chapter / Kuang-Wei Cheng
 17. Vehicular Technology Society Tainan Chapter / Sok-Ian Sou
 18. Women in Engineering Tainan Chapter / Shu-Mei Guo
 19. National Cheng Kung University Student Branch / Che-Wei Lin
 20. National Sun Yat-sen University Student Branch / Che-Wei Lin
- Number of Chapters formed in the current year
None
- Number of active Chapters (Chapters who have reported required number of meetings during the year)

#	Meeting Title	Meeting Date	Total	Member	Non-Member	Event Category
Section						
1	Regular meeting	2021/1/11	11	3	8	Administrative
2	Smart Grids (High-performance Grids) in EMS and Renewable Energy Management	2021/3/4	95	5	90	Technical
3	Regular meeting	2021/3/18	5	1	4	Administrative
4	Regular meeting	2021/5/26	5	1	4	Administrative
5	Regular meeting	2021/7/1	5	3	2	Administrative
6	Meeting of Director & Supervisor	2021/7/5	26	22	4	Administrative
7	Regular meeting	2021/9/8	4	2	2	Administrative
8	Meeting of Director & Supervisor	2021/9/13	24	20	4	Administrative
9	Regular meeting	2021/11/19	6	3	3	Administrative
10	2021 Annual Membership Meeting	2021/11/26	120	87	33	Administrative
11	Meeting of Director & Supervisor	2021/12/6	15	13	2	Administrative

AP03						
1	Development and Application of 5G mmWave Technologies	2021/4/14	58	8	50	Technical
2	Measurement and Design of Antenna in Package Technologies	2021/4/27	172	33	139	Technical
3	5G MIMO Antenna Design and Measurement Technology	2021/5/14	77	30	47	Professional
BT02						
1	Deep Learning-Based Wi-Fi Indoor Localization and Its Visualization	2021/3/9	140	20	120	Technical
2	Robustness of Sparse Arrays to Sensor Failures: Theory and Computation	2021/3/23	140	20	120	Technical
3	Decentralized optimization over communication-constrained networks: enabling the next generation machine intelligence	2021/4/13	140	20	120	Technical
4	Green energy bidding mechanism based on multi-agent Q learning	2021/4/27	140	20	120	Technical
5	Intelligentizing the Next-Generation Radio Access Networks	2021/5/18	140	20	120	Technical
6	Some Recent Results on Constructive Interference (CI) Precoding for Precoding Assisted Spatial Modulation Systems	2021/5/25	140	20	120	Technical
7	Automotive radar	2021/6/1	140	20	120	Technical
8	Accelerating Particle Physics Discovery with Artificial Intelligence	2021/6/4	140	20	120	Technical
C16						
1	2020 Coding-X Project Performance	2021/1/19	45	15	30	Technical
2	Invited Talk: Opportunities and Challenges of Taiwan's Aerospace Manufacturing Industry	2021/10/6	35	10	25	Technical
3	COCOON 2021 (The 27th International Computing and Combinatorics Conference)	2021/10/24	70	40	30	Technical
4	Invited Talk: PowerPoint Presentation & Editing Skill	2021/10/28	23	8	15	Technical
5	Invited Talk: The Innovation Expectation and Reality of the Information Industry	2021/12/17	30	10	20	Technical

CAS04						
1	Recent Advances and Challenges of AIoT Devices	2021/4/21	50	30	20	Technical
2	Are You Ready to be the Professional IC Design Engineer?	2021/5/4	130	20	110	Professional
3	Machine Learning for Analytics Architecture: AI to Design AI	2021/12/17	150	20	130	Technical
CIS11						
1	The 8th International Workshop on Natural Language Processing for Social Media (SocialNLP 2020)	2021/4/16	88	8	80	Technical
2	9th SocialNLP Workshop at TheWebConf 2021	2021/4/16	50	10	40	Technical
3	AI Cup Tutorial	2021/4/22	88	8	80	Technical
4	9th SocialNLP Workshop at NAACL 2021	2021/6/10	60	10	50	Technical
5	2021 IEEE CIS Online Summer School on Computational Intelligence for High-School Student Learning	2021/8/10	110	10	100	Technical
COM19						
1	2021 Taiwan Telecommunications Annual Symposium	2021/1/19	756	79	677	Technical
2	2021 Summer School on Information/Communication Theory and Technologies	2021/8/10	100	40	60	Technical
ED15						
1	Sentaurus TCAD workshop	2021/3/26	90	15	75	Technical
2	Symposium on Nano Device and Circuit Technology 2021	2021/5/20	150	20	130	Technical
EMB18						
1	Invited Talk: Possible biomedical application of functionalized graphenes and their hybrids directly fabricated in solution under ambient conditions	2021/1/21	61	3	58	Technical
2	Invited talk	2021/3/10	37	2	35	Technical
3	Invited talk	2021/7/22	38	6	32	Technical
4	Invited talk	2021/10/14	15	3	12	Technical
IT12						
1	UAV Communications for Data-Gathering in Wireless Sensor Networks	2021/1/8	85	5	80	Technical
2	Complementary Coded Code Hopping Multiple Access - A NOMA Scheme	2021/3/24	63	3	60	Technical
3	An Introduction to Modern Channel Coding for Mobile Communications	2021/3/31	58	3	55	Technical

MTT17						
1	MTT-S Tainan Chapter Handover	2021/3/22	38	13	25	Administrative
2	Technical Talk on Microwave and Millimeter-wave Signal Generation using Injection Locked Technique	2021/3/26	41	18	23	Technical
3	Invited Talk : Wireless E-Tattoos for Personalized Sensing and Therapy	2021/5/14	56	39	17	Technical
4	Invited Talk : The 3D Smith Chart---From Theory to Experimental Reality	2021/6/18	77	56	21	Technical
5	Invited Talk : Microwave and High-Power Electrification Technology in Automotive Engineering	2021/10/15	145	56	89	Technical
NANO42						
1	Application of Wind Tunnel for Modelling Atmospheric Boundary Layer Pollution Dispersion in the Complex Terrain and Urban Environment	2021/3/25	100	10	90	Technical
2	Entanglement and steering detection in the measurement-device-independent scenarios	2021/4/22	100	10	90	Technical
3	The Geometry of Quantum States	2021/5/6	100	10	90	Technical
SEN39						
1	4th Eurasian Conference on Educational Innovation 2021 (ECEI 2021)	2021/2/5	155	10	145	Technical
2	3rd IEEE Eurasia Conference on Biomedical Engineering, Healthcare and Sustainability 2021(IEEE ECBIOS 2021)	2021/5/28	151	20	131	Technical
3	2021 IEEE International Conference on Artificial Intelligence, Robotics, and Communication (IEEE ICAIRC 2021)	2021/6/25	39	5	34	Technical
4	4th IEEE International Conference on Knowledge Innovation and Invention 2021 (IEEE ICKII 2021)	2021/7/23	187	30	157	Technical
5	4th International Annual Meeting theme on STEM education (IAMSTEM 2021)	2021/8/12	131	5	126	Technical
6	3rd IEEE Eurasia Conference on IOT, Communication and Engineering 2021 (IEEE ECICE 2021)	2021/10/29	134	12	122	Technical
7	2021 IEEE International Conference on Electronic Communications, Internet of Things and Big Data (IEEE ICEIB 2021)	2021/12/10	64	5	59	Technical
8	3rd IEEE International Conference on Architecture, Construction, Environment and Hydraulics 2021 (IEEE ICACEH 2021)	2021/12/24	28	2	26	Technical
SMC28						
1	Handover Meeting of IEEE SMC Tainan Chapter	2021/1/21	8	8	0	Administrative
2	Appling De-clustering Concept to information concept	2021/3/15	63	3	60	Technical
3	The 18th International Conference on Automation Technology (Automation 2021) Keynote Speech-	2021/11/13	100	50	50	Technical

	Towards the Unified Digital Reality in service of Cyber-Physical Control					
SP01						
1	AI Forum on Industry- Academic Cooperation	2021/10/26	30	8	22	Technical
2	Workshop on Digital Transformation Practices	2021/11/3	28	10	18	Technical
SSC37						
1	USB leads a new generation of high-speed data links	2021/3/4	61	6	55	Technical
2	Save Now, Store Future	2021/3/25	41	4	37	Technical
3	5G Physical Layer and RF Design	2021/4/15	25	3	22	Technical
4	Internet of Things, Big Data and Artificial Intelligence	2021/4/29	50	7	43	Technical
5	IEEE SSCS/CASS Annual Member Meeting	2021/8/4	19	19	0	Administrative
6	DL talk: ADC Evolution via Architectural Rethinking: from Asynchronous SAR to Non-Uniform Sampling ADC	2021/10/1	21	15	6	Technical
7	Wearable devices market and challenges	2021/11/4	57	4	53	Technical
8	Design Challenge of AIoT on Edge Computing	2021/11/25	54	12	42	Technical
9	Boost SOC Design with Silicon IP	2021/12/9	55	6	49	Technical
VT06						
1	Invited Talk: Crowd Footprints: Location-less Crowd Mobility Analytics	2021/9/14	35	5	30	Technical
2	VTS Distinguished Lecturer: 6G Intelligent Edge: Shannon Meets Turing	2021/11/18	20	10	10	Technical
3	Communications & Connectivity: Past, Present & Future	2021/12/7	35	5	30	Technical
WOMEN IN ENGINEERING						
1	Operation plan preparation Lecture: Express soft power in fundraising presentation	2021/3/10	17	8	9	Technical
2	Technological Innovation Lecture: Operational preparation of technological innovations	2021/3/17	21	10	11	Technical
3	Operation planning Lecture: Product definition	2021/3/31	19	10	9	Technical
4	The Comprehensive Way to Build Your Go-To-Market Strategies	2021/4/7	12	8	4	Technical
5	Operation planning Lecture: Intellectual property rights management and technological innovations' operating strategies	2021/4/14	17	8	9	Technical

6	Research and development strategy: A systematic design approach - TRIZ	2021/4/28	13	9	4	Technical
7	Technological Innovation Lecture: Fund-raising and market-oriented preparation of technological innovation	2021/5/5	16	8	8	Technical
YOUNG PROFESSIONALS						
1	EDA-The Great Chance of Taiwan	2021/3/19	30	5	25	Technical
2	Design of multi-Antennas for 5G system	2021/5/12	17	2	15	Technical

- Summary of Chapter activities (Chapter wise with attachment table/information)

Chapter Name	Administrative	Nontechnical	Technical	Professional	Sub-Total
Tainan Section	10		1		11
AP03			2	1	3
BT02			8		8
C16			5		5
CAS04			2	1	3
CIS11			5		5
COM19			2		2
ED15			2		2
EMB18			4		4
IT12			3		3
MTT17	1		4		5
NANO42			3		3
SEN39			8		8
SMC28	1		2		3
SP01			2		2
SSC37	1		8		9
VT06			3		3
Women in Engineering			7		7
Young Professionals			2		2
Total	13	0	73	2	88

B.3 Professional and Continuing Education Activities

In the year of 2021, Tainan Section held 1 annual meeting, 9 administrative meetings, and 1 technical workshop. Further, Tainan Section provided supports to our affiliated chapters in organizing their professional related activities. In total, there were 73 technical activities and 2 Professional workshops held by our chapters in the year of 2021

Professional and Continuing Education Activities held in 2021 are listed in Summary of Chapter activities.

B.4 Students Activities

- Total number of Student Branches in the Section
There are two Student Branches in Tainan Section:
 - **National Cheng Kung University Student Branch (est. 2005)**
 - **National Sun Yat-sen University Student Branch (est. 2006)**
- Number of Student Branches formed in the current year
N/A
- Section level student activities (student congress, paper and other contests, awards etc)
Tainan Section grants annual awards to encourage and recognize our members for their achievements in research. One award is dedicated specifically to our student member:

- **Best Master Thesis Award**
- **Best Ph.D. Thesis Award**

In the year of 2021, graduated student members, Fandel Lin, Zhen-Ming Huang, Si-Hua Chen, Hung-Yi Huang and Yun-Zhan Cai were awarded in the 2021 IEEE Tainan Section Annual Meeting.

- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
Due to the COVID-19 pandemic restriction, no in person activities was hold.
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
Due to the COVID-19 pandemic restriction, no in person activities was hold.

B.5 Affinity Group Activities

- Young Professional (YP)

YOUNG PROFESSIONALS					
EDA-The Great Chance of Taiwan	2021/3/19	30	5	25	Technical
Design of multi-Antennas for 5G system	2021/5/12	17	2	15	Technical

- Women In Engineering (WIE)

WOMEN IN ENGINEERING					
Operation plan preparation Lecture: Express soft power in fundraising presentation	2021/3/10	17	8	9	Technical
Technological Innovation Lecture: Operational preparation of technological innovations	2021/3/17	21	10	11	Technical
Operation planning Lecture: Product definition	2021/3/31	19	10	9	Technical
The Comprehensive Way to Build Your Go-To-Market Strategies	2021/4/7	12	8	4	Technical
Operation planning Lecture: Intellectual property rights management and technological innovations' operating strategies	2021/4/14	17	8	9	Technical
Research and development strategy: A systematic design approach - TRIZ	2021/4/28	13	9	4	Technical
Technological Innovation Lecture: Fund-raising and market-oriented preparation of technological innovation	2021/5/5	16	8	8	Technical

- Life Member (LM)
N/A

B.6 Awards & Recognition Activities

- Award constituted by the Section
2021 was the 8th IEEE Tainan Section Annual Awards which consists of 8 different awards. Following winners were selected from 34 nominees after thorough review by 1 Awards Chair and 12 reviewers.
Best Master Thesis Award – Fandel Lin, Zhen-Ming Huang and Si-Hua Chen
Best Ph.D. Thesis Award – Hung-Yi Huang and Yun-Zhan Cai
Best Young Professional Member Award – Fu-Kang Wang, Chia-Hsiang Lin, Fan-Hsun Tseng and Chih-Hsien Huang
Outstanding Technical Achievement Award – Chuan-Yu Chang and Pei-Yin Chen
Best Service Award – Teen-Hang Meen
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year
 - **2021 IEEE Region 10 Outstanding Medium Section Award**

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

- Newsletter (name and number of issues in the year)
R10 Medium Section of the Month – Tainan Section in R10 Newsletter January 2021 issue
- Home Page of the Section (give the URL and how often it is updated)
Home Page of the section : <http://ewh.ieee.org/r10/tainan/>, and it is updated at least monthly.
- Other means of contacts with Section members including social media
The mostly used means of contacts with our affiliated chapters or members are email and phone. Information about IEEE, conferences, or activities held by our chapters are announced via emails.

B.8 Industry Relations

- Membership growth and retention
In order to promote the membership growth, we opened all the activities held by the section or chapters to industrial members participants under the consideration of letting more people know IEEE by providing information on new technologies in every specialized research area.
- Activities for/with industrial members
Activities held in 2021 are listed in Summary of Chapter activities.

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.
Cooperating with the Academia-Industry for Southern Taiwan Science Park and the Department of Electrical Engineering, NCKU, we held the activities to provide information on experience sharing in every specialized research area.
- SIGHT Activities
In 2021, “Are You Ready to be the Professional IC Design Engineer?” was held on May 24, 2021 and resulted in a very successful activity with around 130 attendances.

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”
Due to the COVID-19 pandemic restriction, no in person activities was hold.

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
 - 2021 Award Application & Annual Membership Meeting
 - Regular meeting
 - Meeting of Director & Supervisor
- Funding secured from the IEEE and external sources including sponsorships
 - Bonus from the IEEE
 - Sponsor from conference activities

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- Nature of relationship and details of any formal agreement signed
Cooperating with the Department of Electrical Engineering, NCKU, we aimed to design our section operation procedure in being seamless and without any idling period in between two section chair's transfer. Further, the section provided banking and accounting supports to the conferences held by our chapters and members.
- Details of joint activities
With the help of NCKU, the activities can be promoted to more students, technicians, and industrial in need, and we can provide information on new technologies in every specialized research area.
- Benefit to IEEE members (for example discounts, access to technical information etc.)
Recruiting new student member is one of the main focus of Tainan Section. We provided subsidies for the student member first year with half membership fee and supported selected student in attending international conference.
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)
NCKU provide the venue facilities to hold activities, and provide accounting supports to the conferences held by our chapters and members

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections
N/A
- Joint activities with any other Section
N/A

C.4 Support extended to Sub-sections & Society Chapters within the Section

- Support extended for organising technical, educational and professional activities
The section provided banking and accounting supports to the conferences held by our chapters and members.
- Joint activities for membership development
 - 2021 Award Application & Annual Membership Meeting
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section
We provide administrative services to assist the new chapter to complete the application to extend our section into a full section.

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)

- The members of Tainan section are encouraged to provide their research results and outcomes to be revealed on the section website. The visibility increasing will value up the research effort of the members.
- Collect the related business information and set-up a contact window for the transferring of the research result to practical products

C.6 Problems anticipated and suggestions for solutions, if any

Due to the COVID-19 pandemic restrictions, the members can not join the session activities in person, leading to a significant decrease in activities. The section has used video software to hold activities.

PART D - GOALS AND PLANS

D.1 Continuation of project/activity in progress and their implementation plans

In the year of 2022, IEEE Tainan Section will further promote globalization and will continue

- Basic assistance to members of Tainan Section in membership development.
- Dissemination of knowledge in the broader fields of electrical and electronics engineering through holding of technical talks, seminars, conferences, symposia, workshops, tutorials, etc.
- Assistance to IEEE members in developing chapters and organizing various activities.
- Support to Student Branches.

D.2 Goals and Future Plans

In the year of 2022, IEEE Tainan Section will further promote

- To encourage the establishment of new society chapters.
- To provide assistance to members of the Tainan Section in their IEEE career.
- To encourage and assist members participating in IEEE activities and award applications.
- To provide support to Student Branches.
- Dissemination of knowledge in the broader fields of Electrical and Electronics Engineering through organizing of technical talk, seminars, conferences, symposiums, workshops, tutorials, etc.
- To activate the connections and cooperations with the industry.

D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.

Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.:

- The members of Tainan section are encouraged to provide their research results and outcomes to be revealed on the section website. The visibility increasing will value up the research effort of the members.
- The chapters of Tainan section are invited to provide technical articles about the research highlight in its field. The increase the opportunities of cross field cooperation project.

D.4 Business Plan for Sustainable Growth and Financial Stability.

Industrial participation scheme is under construction. The industrial can reach the state-of-art technologies. Industrial sponsorship and professional service will enhance the financial stability and improve the incoming growth.