



2021 IEEE R10 EXCOM Virtual Meeting

2020 R10 Student Activities Committee Report

Huynh Thi Thanh Binh, 2019-2020 Student Activities Committee Chair

Saaveethya Sivakumar, 2019-2020 Student Representative



Students Activities Committee 2020 Report

Committee Structure

1.Advisors: Akinori Nishihara, Takako Hashimoto, Zia Ahmed

2.Chair: Huynh Thi Thanh Binh

3.Regional Student Representative: Saaveethya Sivakumar

4.Main Committees: Shams Shad Islam Khan, Rajesh Ingle, Pasan Pethiyagoda, San Murugesan, Alpha Agape, Yoshinobu Kajiwra, Jennifer Dela Cruz, Tran Minh Triet, Muzamil Mahmood, Peshan Sampath, Amesh Gomes, Md. Tauhidur Rahman.

5. Sub-Committees: Akarsh Ashok, Reon Shaji, Hasinthaka Eranga Hewapathirana, Shartaz Khan Akash, Mallelu Sai Prashanth, Mehak Azeem, Janani Ramachandran, Pranav Raikote, Animesh Das, Mg. Touhidul Islam, Dimple Khilwani, Tharushi Perera, Dilrukshi Gamage, Gaurav S Sonawane, Honey Shirley Sabu, Syed Samak Hussain, Abdul Halik, Sheng How Kong, Thittaporn Ganokratanaa, Zheming Zuang.

Objectives

1. Improve student engagement in IEEE R10 SAC activities
2. Improve student member retention rate in R10
3. Reviving and Closing Student Branches
4. Progress Student to YP transitions

Budget

Total Proposed Budget : USD 18.286

Used: 10.0001, 22 USD

Projects / Tasks

1. Membership Development

- SAC Student Ambassador Program
- R10 SAC and SSR Forum
- Membership Drives and Leadership Training Fund
- R10 SAC and SSR Manual (Release of Issue 2)

2. Webinar Series (Leadership & Educational)

3. Regular Activities

- R10 SAC Contests (R10 PG Paper Contest, R10 UG Video Contest and Website Contest)
- R10 SAC Awards (R10 SAC Outstanding Student Volunteer, R10 SAC Outstanding Volunteer and R10 SAC Outstanding Student Branch Award)

5. R10 SYWL Congress 2020

6. Support MGA SAC Awards and Contests

- LKW Regional Student Volunteer Award
- Exemplary Student Branch Award
- Global Website Contest

Project / Task Measurable

Membership Development:

- Number of SBs revived
- Number of SBs closed
- Number of student Ambassadors Participated
- Trend of Student Member retention rate
- Trend of Student – YP transition rate
- Number of membership development activities organized.

Contests & Awards:

- Number of submissions
- Quality of Submission

Timeline & Metrics

- 1.Membership Development: Oct 2020
- 2.Webinar Series: Nov 2020
- 3.Awards: July 2020
- 4.Contests: Oct 2020
- 5.SYWL: Sept 2020

IEEE Region 10

Student Activities Committee

The Region 10 Student Activities Committee takes care of the needs of 45,000+ student members spread over 1610 student branches in the Asia-Pacific region (R10) of the IEEE. The committee conducts regular and special activities for students to improve technical knowledge, management skills and to enhance networking among members and student branches.



Committee Members

Chair: Huynh Thi Thanh Binh

Advisor: Akinori Nishihara, Takako Hashimoto, Zia Ahmed

Student Representative: Saaveethya Sivakumar

Secretary: Shams Shad Islam Khan

Members: Rajesh Ingle, Pasan Pethiyagoda, San Murugesan, Alpha Agape, Yoshinobu Kajiwa, Jennifer Dela Cruz, Tran Minh Triet

Muzamil Mahmood

Peshan Sampath

Amesh Gomes

Md. Tauhidur Rahman

Supporting Committee

Members:

Honey Shirley Sabu
Gaurav S Sonawane
Syed Samak Hussain
Dilrukshi Gamage

Training and Webinar Committee

Members:

Tharushi Perera
Dimple Khilwani

Outreach Committee

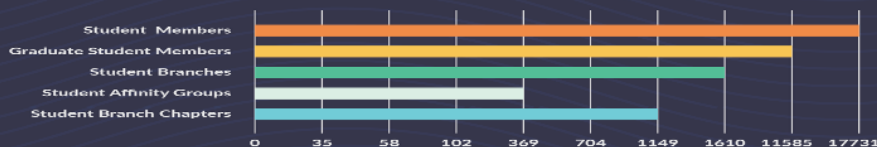
Members:

Sheng How Kong
Thittaporn Ganokratanaa
Zheming Zhuang

Media and Publicity Committee

Members:

Shartaz Khan Akash
Hasintha Eranga Hewapathirana
Reon Saji
Akarsh Ashok
Mehak Azeem
Mallellu Sai Prashanth
Janani R
Pranav Raikote
Animesh Das



To see the R10 SAC operations manual scan this



OBJECTIVES

1. Improve student engagement in IEEE R10 SAC activities
2. Improve student member retention rate in R10
3. Reviving and Closing Student Branches
4. Progress Student to YP transitions

PROJECTS / TASKS

1. **Membership Development**
 - SAC Student Ambassador Program
 - R10 SAC and SSR Forum
 - Joint SB Initiative Fund
 - Membership Drives and Leadership Training Fund
 - R10 SAC and SSR Manual (Release of Issue 2)
2. **Webinar Series (Leadership & Educational)**
3. **Regular Activities**
 - R10 SAC Contests
 - R10 SAC Awards
4. **R10 SYWL Congress 2020**
5. **Support MGA SAC Awards and Contests**
 - LKW Regional Student Volunteer Award
 - Exemplary Student Branch Award
 - Global Website Contest



* The membership data stated above are based on February 2020.



@R10SAC



@IEEE R10SAC



@IEEE R10SAC



r10sac@ieee.org



sac.ieee10.org

Contest

Opportunity to compete at international level

Activity	Proposed Improvements	Timeline
IEEE Region 10 Postgraduate Paper Contest	<ul style="list-style-type: none"> • Eligibility- Limited to only graduate student members currently enrolled in a postgraduate course • Two webinars to enhance technical writing skills • A total of THREE WINNERS, 1 for Female • E-certificates • Cash Prizes for all the winners USD 300 1st , USD 200 2nd and USD 100 3rd USD 200 for WIE Best Paper Award	Call for Submissions: 1 March, 2020 Submission Deadline: 30 April, 2020 Winners announcement: July, 2020
IEEE Region 10 Student Website Contest	Aims to motivate student volunteers to use electronic media Cash Prizes for all the winners USD 300 1st , USD 200 2nd and USD 100 3rd	Call for Submissions: 1 March, 2020 Submission Deadline: 30 April, 2020 Winners announcement: Jun, 2020
IEEE Region 10 Undergraduate Project Video Contest	Aims to improve the engineering students' communication and presentation skills to a wider online viewing community Cash Prizes for all the winners Cash Prizes : USD 300 1 st , USD 200 2 nd and USD 100 3 rd 200 USD for WIE	Call for Submissions: 1 March, 2020 Submission Deadline: 30 April, 2020 Winners announcement: July, 2020



IEEE
region 10

CALL FOR PAPERS

IEEE R10 POSTGRADUATE RESEARCH PAPER CONTEST



SUBMISSIONS DEADLINE:
15 JUN 2020

@R10SAC @IEEEER10SAC @IEEEER10SAC r10sac@ieee.org sac.ieee10.org

14 submissions

First prize

CHARISSA PHUA HAN MING,
Swinburne University of Technology,
Malaysia

Second prize

Son T. Huynh, HCM University of
Science, Vietnam

Third prize

Bahare Mohamadzade, Macquarie
University, Australia

Women in Engineering prize

Nguyen Thi Tam, HUST, Vietnam

Selected papers will be invited to
present at TENCON and will be
included in the TENCON
Proceedings



REC

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IEEE R10 UNDERGRADUATE PROJECT VIDEO CONTEST



@R10SAC @IEEER10SAC @IEEER10SAC r10sac@ieee.org sac.ieee10.org

34 submissions

First prize

Nishat Subha, IEEE Bangladesh Section

Second prize

Nishchay Singh Muktawat, Uttar Pradesh Section

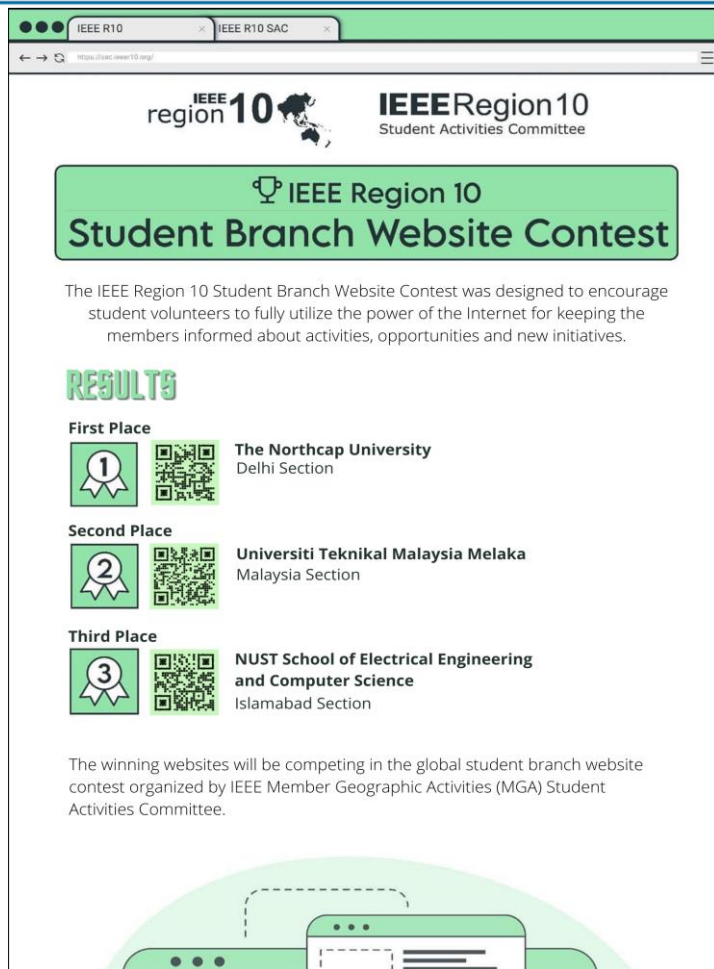
Third prize

Harsh Patel, Gujarat Section

Women in Engineering prize

Nitya Keshari, Setion





R10 Student Branch Website Contest

Objective

The IEEE Region 10 Student Branch Website Contest was designed to encourage student volunteers to fully utilize the power of the Internet for keeping members informed about the local activities and opportunities to participate.

Number of submissions received: 91

R10 received the highest number of submissions

Winners: 3

Winning Student Branches contested in the global student branch website contest

Total Budget- USD 600

1st Prize: USD 300

2nd Prize: USD 200

3rd Prize: USD 100

e-certificates for all winners



Awards

Recognize the contribution of Student IEEE member

R10 Awards

1. IEEE Region 10 SAC Student Branch Award
2. IEEE Region 10 SAC Volunteer Award

Schedule

Call for Nomination: February 2020

Nominators and Recipients Notified: July 2020

Support MGA SAC Awards & Contests

1. Larry K. Wilson Regional Student Activities Award (Regional Judging)
2. IEEE Regional Exemplary Student Branch Award (Regional Judging)
3. IEEE Student Branch Website Contest (Regional Judging)

CALL FOR STUDENT AWARDS 2020

Nominations are now accepted.

- REGIONAL EXEMPLARY STUDENT BRANCH AWARD
- REGIONAL STUDENT BRANCH WEBSITE CONTEST
- IEEE OUTSTANDING BRANCH COUNSELOR AND BRANCH CHAPTER ADVISOR AWARD
- DARREL CHONG STUDENT ACTIVITY AWARD
- LARRY K WILSON REGIONAL STUDENT VOLUNTEER AWARD

DEADLINE: 31st MARCH 2020

For more information about the awards, please visit our awards page at students.ieee.org/awards/

CONTACT US:
SAC-AWARDS@IEEE.ORG



- ▶ IEEE Outstanding Branch Counselor and Branch Chapter Advisor Award- 48 nominations
- ▶ IEEE Regional Exemplary Student Branch Award- 47 nominations
- ▶ Larry K. Wilson Regional Student Volunteer Award- 58 nominations
- ▶ The Darrel Chong Student Activity Award – 88 nominations





R10 SAC Outstanding Volunteer Award
R10 SAC Outstanding Student Branch Award

**THE SUBMISSION DEADLINE HAS
EXTENDED TO 15TH MAY 2020**

- ▶ R10 SAC Outstanding Volunteer Award - 57 nominations
- ▶ R10 SAC Outstanding Student Branch Award – 51 nominations



[f @R10SAC](#) [t @IEEEER10SAC](#) [i @IEEEER10SAC](#) [r10sac@ieee.org](#) [sac.ieee10.org](#)



IEEE Region 10 Student Activities Committee
**Membership Development
& Leadership Training Fund 2020**

The purpose of the fund is to persuade sections/student branches to organize events for training on leadership, successful execution of student branch program and to run membership drives, aiming to enhance student membership number and its retention.

Results

Each selected project will be funded a maximum of US\$ 400 in accordance to Region 10 Matching Fund policy

WINNERS *in no particular order*

1. Pune Section Student Young Professionals Women In Engineering Congress (PSYWC 2020) - Pune Section
2. IEEE Leadership Insight (ILI) - Madras Section
3. IEEE Malaysia Leadership Training Workshop- Malaysia Section
4. Accelerating Membership Development Drive and Leadership Training Programs at NITAP IEEE SB - Vizag Bay Section
5. IGen2020- Hyderabad Section
6. Renaissance- Kerala Section
7. Volunteer - Lead - Achieve Mission 2020- Bangalore Section
8. Advocating Post-COVID-19 Development in Student Membership Recruitment and Retention to Nurture Future Leaders for the IEEE Hong Kong Section and IEEE Worldwide- Hong Kong Section
9. SMELT (Section Membership Enhancement & Leadership Training)- Bombay Section
10. IEEE Melbourne Membership Development Drive- Victorian Section
11. Leaders hackathon- Islamabad Section
12. IEEE Bangladesh Section Student Membership & Leadership Summit- Bangladesh Section
13. Induction Program/ IEEE Virtual Boot Camp- Uttar Pradesh Section
14. IEEE Boost- Sri Lanka Section
15. English Course in IEEE ITB Student Branch - Indonesia Section



R10 SAC Leadership Training and Membership Development Fund

Objective

The Initiative introduced a fund/ grant to activities that focused in student membership development and/or student leadership training in Student Branch level or Section level within R10. The initiative is created to persuade sections to organize activities between Student Branches, student members and branch counselors giving training on leadership, successful execution of student branch program and to run membership drives aiming to enhance student membership number and its retention.

Number of submissions received: 22

Number of Projects Selected for funding: 15

Number of project reports received for expense claims: 13

Selected project's was funded based on R10 Matching fund policy with a maximum of USD 400
Totally a maximum of 10 projects will be funded

Total Budget- USD 6000

Total Utilized Funds: 3397.28

R10 SAC Manual

Objective

This document issued by IEEE Region 10 provides guidelines for Council/Section Student Activities Committee Chair (SAC Chair) and Council/Section Student Representatives (SSR) for conducting student activities, managing Student Branches and streamlining their operations.

Content:

Important Contact Details: IEEE Region 10 SAC

Roles and responsibilities

- Student Activities Committee (SAC) Chair

 - Position

 - Qualifications

 - Mission

 - Responsivities

- Section Student Representative

 - Position

 - Qualifications

 - Mission

 - Responsivities

IEEE MGA SAC and Region 10 SAC Activities

Membership Development Tools/Offers

- Membership Development Materials

- Half year memberships

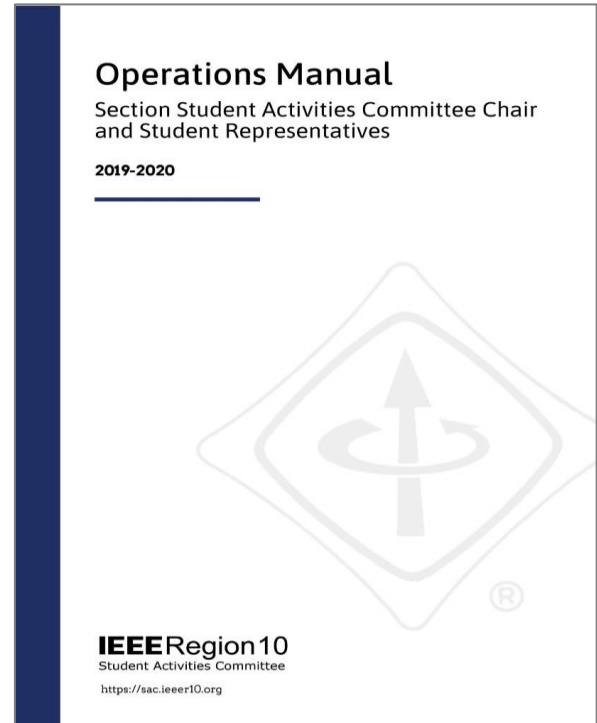
- IEEE MGM referral program

APPENDIX:

- section 9.7 IEEE MGA Operations Manual

Link to view manual:

<https://sac.ieeer10.org/sac-chair-ssr-manual/>



R10 SAC Ambassador Program

Objective

Enhance participation of section student activities through appointing ambassadors to spread effective information about R10 SAC activities. An appointed ambassador will communicate with their section committee as well as the student branches and report details for R10 (i.e. current student branch officers in the section, etc.).

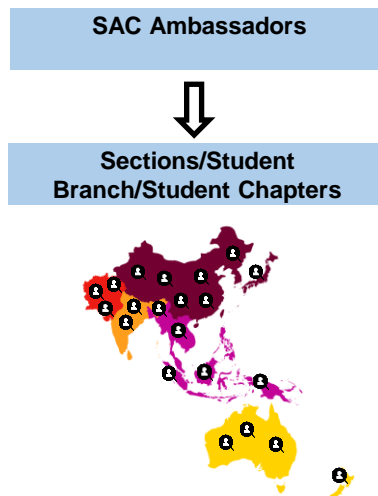
In addition, the ambassadors were also involved in promoting SYWLC students track activities to wider audiences.

22 ambassadors appointed across Region 10.

Sections involved: Bangalore, Bangladesh, Bombay, Delhi, Gujarat, Hyderabad, Indonesia, Islamabad, Karachi, Kerala, Kolkata, Lahore, Madras, NSW, New Zealand Central, Pune, Queensland, Sri Lanka, Uttar Pradesh, Victorian, Western Australia

Timeline

▶ January 2020-December 2020



R10 SAC Webinars Series



The poster features a dark blue background with faint icons of a lightbulb, a person, and a clock. At the top left, it says 'IEEE region 10' with a map of Africa. Next to it is 'IEEERegion10 Student Activities Committee'. To the right is 'IEEE students'. The main title 'IEEE STUDENT BRANCH OPERATIONS' is in large orange letters. Below it is a circular photo of Shareyna N. James, a woman with dark hair, smiling. To her right is her name and title: 'Shareyna N. James Program Specialist IEEE University Relations'. At the bottom, it says '23rd January 2020' with a calendar icon, '8.30 PM - 9.30 PM IST (GMT+5:30)' with a clock icon, and 'WebEx' with a globe icon.

IEEE region 10

IEEERegion10
Student Activities Committee

IEEE
students

WEBINAR ON

IEEE STUDENT BRANCH OPERATIONS

 Shareyna N. James
Program Specialist
IEEE University Relations

23rd January 2020

8.30 PM - 9.30 PM IST (GMT+5:30)

WebEx

Details:

Title: IEEE Student Branch
Operations

Participants: 100+ Webex

Link to view webinar recording:
https://youtu.be/Yr_h02O0Yaw

R10 SAC Webinars Series

IEEE region 10  IEEERegion10
Student Activities Committee

WEBINAR ON

HOW IEEE CAN ENRICH YOUR EXPERIENCE AND ADVANCE YOUR CAREER



HOSSAM ALI
*Project manager, The Missing Link,
Branch Chapter Representative, IEEE Students*

27TH JUNE 2020
4.30 IST (GMT +05.30)

DATE
&
TIME

 @R10SAC  @IEEEER10SAC  @IEEEER10SAC  r10sac@ieee.org  sac.ieee10.org

Details:

Title: How IEEE Can Enrich Your Experience and Advance Your Career

Participants: 1300+ via webex + Facebook Livestream.

Link to view webinar recording:
https://youtu.be/LQglecdA_MY

R10 SAC Webinars Series

WEBINAR ON

IMPROVING STUDENT EXPERIENCE & BOOSTING MEMBERSHIP RETENTION

KEYNOTE SPEAKERS

■ STUDENT MEMBERSHIP DEVELOPMENT AND RETENTION WITHIN R10



PROF. AKINORI NISHIHARA
Director, IEEE Region 10

■ MGA PERSPECTIVE OF MEMBERSHIP DEVELOPMENT AND RETENTION



PROF. KUKJIN CHUN
IEEE MGA Vice President

■ FUTURE PERSPECTIVE OF MEMBERSHIP DEVELOPMENT AND RETENTION



MR. DEEPAK MATHUR
Director-Elect, IEEE Region 10

PANELISTS:



Mr. Amesh Gomas
IEEE R10 SAC Outreach Committee Lead
IEEE Malaysia Section
South-East Asia



Ms. Dimple Khilwani
IEEE R10 SAC Training and Webinar Committee
IEEE Bombay Section
South Asia



Ms. Honey Shirly Sabu
IEEE R10 SAC Supporting Committee
IEEE Victorian Section
Oceania



Mr. Zherning Zhuang
IEEE R10 SAC Outreach Committee
IEEE Beijing Section
North Asia

MODERATORS:



Prof. Huynh Thi Thanh Binh
Student Activities Coordinator
IEEE Region 10



Dr. Sarveethya Sivakumar
Student Representative
IEEE Region 10



Ms. Tharushi Natasha
Training and Webinar Committee
IEEE Region 10 SAC

19th July 2020
4.30 PM IST (GMT +5.30)

Registration Link
<https://bit.ly/R10SACWebinarJuly>



IEEE
region 10

IEEERegion10
Student Activities Committee



Details:

Title: Improving Student
Experience and Boosting
Membership Retention

Participants: 1113+ via Webex +
Facebook Livestream

Link to Webinar Recording:

<https://bit.ly/352xHsq>

IEEE R10 2020

Special

Call for Proposals

related to

COVID-19



DEADLINE |

30th June 2020

[@R10SAC](#) [@IEEEER10SAC](#) [@IEEEER10SAC](#) [r10sac@ieee.org](#) [sac.ieee10.org](#)

36 submissions

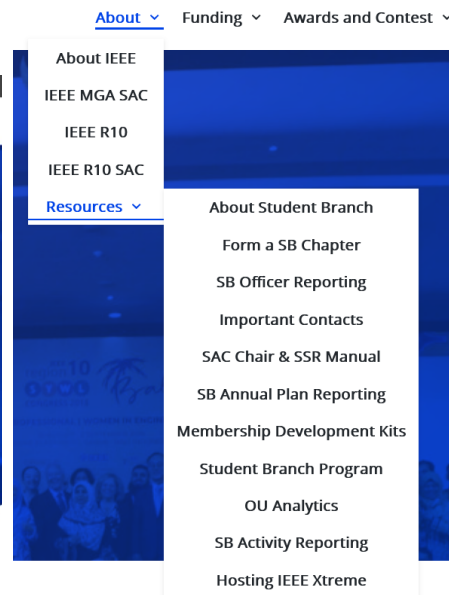
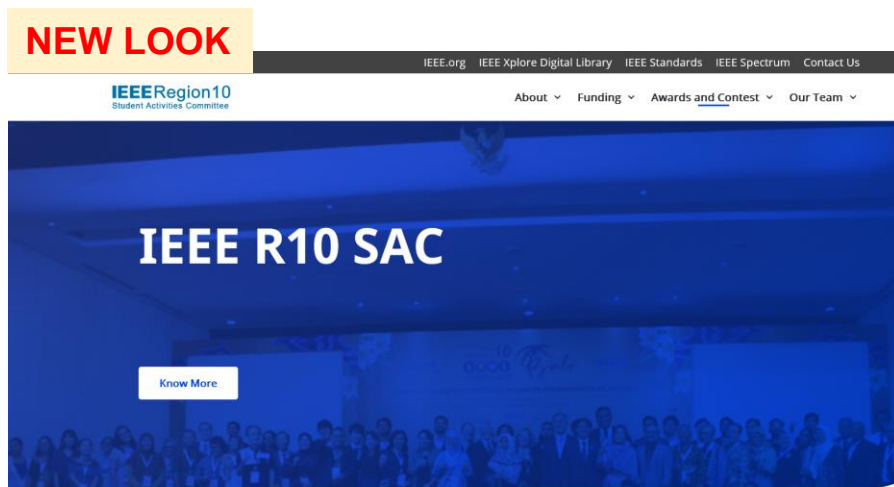
5 winners

1. Let's Unchain it, Kerala section
2. Smart Temperature Monitoring and Automatic Sanitizer Dispenser, Uttar Pradesh section
3. Covid19 AI Enabled Chat Bot, Hyderabad section
4. Find Delivery, Srilanka section
5. Engaging with Industry – Leveraging on IR 4.0, Malaysia section


R10 SAC Website Upgrade

Objective


Upgrade website into a more user friendly and fresh look with much informative content. We have added series of resources for Student Branches, Section Student activities committees and Student volunteers/members with details of student branch program and membership benefits.











R10 SYWL Virtual Congress Student Track Program






IEEE R10 SYWL STUDENTS TRACK




19th September - 4th October


SESSIONS	 BRIDGING THE GAP: CAREER DEVELOPMENT, EMPLOYABILITY AND ENTREPRENEURSHIP	 ASPIRE TO BE THE INSPIRING STUDENT LEADER OF IEEE
	 PANEL DISCUSSION WITH 3 MNC ON EXPECTATIONS FROM GRADUATES	 BEST PRACTICES IN RUNNING STUDENT BRANCHES
	 IEEE XPLORE: NEW SERVICES & PLATFORMS AND MORE...	 SESSION ON HKN SOCIETY
	 SHARING SESSION ON REGION 10 FUNDED PROJECTS FOR COVID19	 EXCLUSIVE NETWORKING SESSIONS

CONTESTS	 STUDENT ACTIVITIES & WIE COORDINATION CONTEST	 VIRTUAL NETHACK
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**STUDENT BRANCH PARTNERSHIP PROGRAM**



Students:
Young Professionals
Women In Engineering
Life Members Congress



Student Track consisted of Seven Sessions, delivered by total 37 globally recognized speakers/moderators. Each session consisted of bonus networking sessions for attendees.

The sessions are collaborated with IEEE Industry Engagement Society, IEEE Entrepreneurship, IEEE Eta Kappa Nu Society, IEEE Industry Relations Society, IEEE Volunteer leadership Program and IEEE Centre for Leadership Excellence and funded by IEEE Life Members Funding for Student Activities.

TOP 3 POPULAR SESSIONS

1

108 Participants | 1,400 Live view



SESSION ON HKN-IEEE ETTA KAPPA NU
(SCHOLARSHIP, CHARACTER AND ATTITUDE)

Keynotes



Nancy Ostin
Director, IEEE HKN



Dr. Edward Rezek
IEEE HKN President



Prof Lawrence wong
Past Director, IEEE Region 10



Michael L. Benson
General Regions 3 & 4
Chair, Membership & Chapters Committee



Sandro Sartoni
Student Governor, IEEE HKN

Speakers (Panelists)



Kundan Kumar
Chair, Indian Inst of Science-Bangalore,
HKN-Chapter President,
Indian Inst of Science-Bangalore, Mr XI



Aobo Zhou
HKN-Chapter President,
University of Queensland, Mr Kappa



Thittaporn Ganokratanaee
HKN-Chapter Past President,
HKN Asia Thresh Chapter

Moderator



Prof Supavadee Aramvith
Associate Professor in Electrical Engineering, Chulalongkorn University
Section/Chapter Committee Chair, IEEE Region 10



PANEL DISCUSSION WITH
4 MNC ON EXPECTATIONS
FROM GRADUATES



Mr. Nicolas Wigishoff
Country Manager - SUEZ



Mr. Sasanka Jayadasa
Senior Manager - Head of Factory Supply Chain
Nestle



Mr. Nuwan Samarasekera
Software Engineer - Google



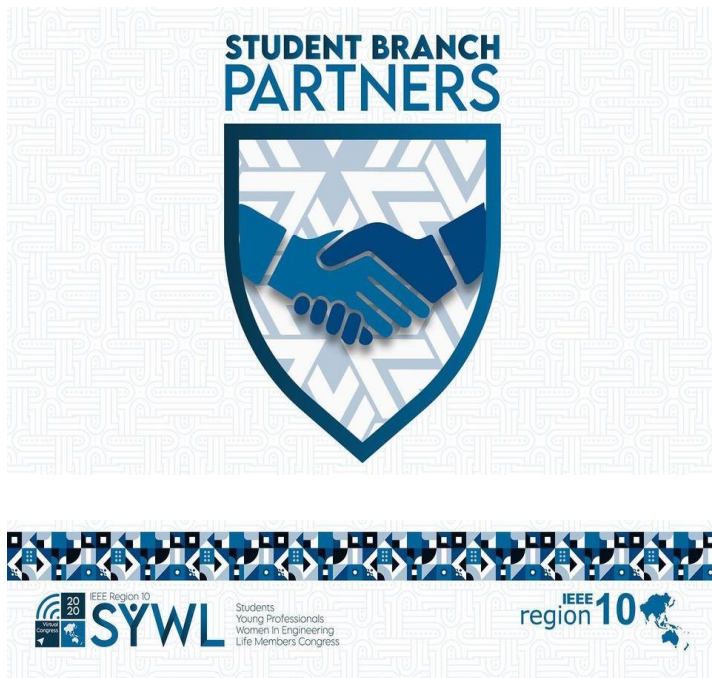
Mr. Samith Sirimanna
Intern - Motor Design at Tesla



Mr. Pasan Pethiyagode
SPAX Coordinator for IEEE Asia Pacific,
MGA Student Activities Committee



R10 SYWL Student Branch Partnership (SBP) Program 2020



This is a new initiative for the SYWLC 2020 Congress. Partnering with SBs helped engaging a wider community of Members in and beyond the Student Branches.

All sessions are partnered with 78 student branches within R10.

The selected Student Branches had the privilege to work closely with the SYWLC team, open up a platform to broadcast and get involved in reaching a wider audience promoting the purpose and importance of technology and tapping into the tangible benefits for the betterment of the world.

IEEE SYWLC Nethack Contest

Rank	Team Name	Section	Team Name
1	Mars	Australian Capital Territory Bangladesh Islamabad Section Kerala Lahore Section	Rabbia Saleem Satyaki Banik Nayab Ali Akash Nair Khurram Waqas Malik
2	Uranus	Islamabad Hong Kong Section Kerala Lahore Section Pune	Minahil Ali Kevin HUNG Adhithyaa G M.Abdul Rehman Nishita Kalpesh Pali
3	Saturn	Islamabad Section Hong Kong Section Kerala Lahore Section Pune	Rashid Noor Mengke LI Gaius G D'cruz Mujtaba Ahmad Khan Siddharth Saoji

The R10 SYWLC Student Track Virtual Nethack aimed to improve participants communication and networking skills to a wider online viewing community. The contest facilitated the recognition of these networking skills and to learn the best practices and activities organized in other SB/Section/Region.

All members of the top 3 teams receive USD 27 IEEE membership subscription.

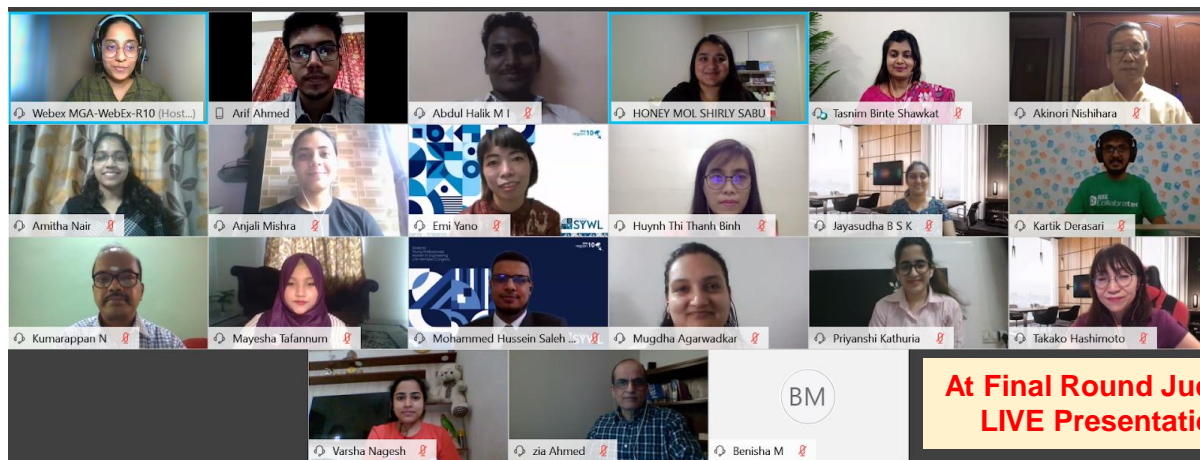
IEEE SYWLC SAC and WIE Coordination Contest

The Student Activities & WIE Coordination Contest was jointly conducted as a part of the Student track and WIE track of IEEE Region 10 Virtual SYWL Congress 2020. The theme of the contest is “Engage and Educate”. The Student Branch, Section SAC and Section WIE Affinity Groups participated in this contest to exhibit the events and activities (both online and offline) they organized to engage and educate IEEE members. The contest is supported by IEEE Region 10 and Life Member funding for student activities.

Outcomes: Opportunity to SB / WIE showcase the best practices and activities organized to improve membership retention and development.

Recognition to active SBs/SAC/WIEs.

Expanded the social media reach of R10 SAC/WIE.



IEEE SYWLC SAC and WIE Coordination Contest

Winners:

Category - Section Student Activities Committee

Winner: IEEE Malaysia Section

Prize: USD 500

Runner-Up: IEEE Bombay Section

Prize: USD 250

Category - Student Branch

Winner: College of Engineering

Karunagappally

Prize: USD 500

Runner-Up: Silver Oak College of

Engineering & Tech

Prize: USD 250



Special thanks to:

Prof. Akinori Nishihara, 2019-2020, IEEE R10 Director

Dr. Zia Ahmed, 2019-2020, IEEE R10 Vice Chair

Prof. Takao ONOYE, 2019-2020, IEEE R10 Vice Chair

Prof. Takako Hashimoto, 2019-2020, IEEE R10 Secretary

Ewell Tan, IEEE R10 Project Manager

IEEE Asia Pacific Executive committees