2024 R10 Adhoc Committee on Entrepreneurship and Innovation

Dr. K.R. Suresh Nair
Chair

Outline

1. 2024 R10 Adhoc Committee on Entrepreneurship and Innovation
   a. Team
   b. Objectives
   c. Projects
   d. Immediate Actions
   e. Funding summary

The Team

Chair

Dr.K.R.Suresh Nair

Team Members

Dr.Kumudhini Ravindra

Dr.Susmita Saha

Arun Tanksali

Dr.Ishkandar Baharin

Advisory Board

Joanne Wong

Andy Chen

Chintan Oza

ENTREPRENEUR:
(noun)

A person who jumps off
a cliff and builds a
plane on the way down

See also: wizard, magician

Possible support to those who just jumped off the cliff

or

climbing up to jump off

will be attempted through this Adhoc committee .

Committee: 4 Clear Objectives

1. To assess the awareness and capabilities among IEEE Members in R10 on the subjects of Entrepreneurship and Innovation

2. To raise the awareness and capabilities among IEEE Members in R10 on Entrepreneurship and Innovation through pilot projects.

3. Grow our reputations and presence among Entrepreneurs through our services.

4. To make recommendations to the Region on strategic plans to continue improve the capabilities among IEEE Members on Entrepreneurship and Innovation.

Target Audience

Students
• University Final Year Engineering
   • Technology Business Incubation (TBIs) centres

   • *Technology, Business and Financial*

Graduate Student Members:
• IEEE designated fields
• Technology Business Incubation centres/start-up hubs

• *Research to innovation programs*

Young Professionals
• High Potential
   • Startup Centres

   • *Technology, Business and Financial*

Members
• Academicians
   • Professional members

   • *Technology Transfer Training*
   • *Translational Research*

Approach

- Community identification and association
    - Founders / Entrepreneurs
    - Funding entities
    - Prospective Founders
  - Identify existing communities and build connections
- Identify Problem Statements
  - Identify problems that this committee can take up
  - Create projects around these problem statements
- Expand team
  - Volunteers
  - Students, Professionals
- Outreach
  - Identify conferences and events with whom we can associate.

Projects/Tasks

- **Project 1**: Understand the Innovation and Entrepreneurship **quotient** among IEEE members.
  - Surveys through thoughtful questionnaire.
  - Ambassadors
  - ❖ Understand the existing gaps and identify metrics to track

- **Project 2**: Mentoring sessions through expert talks, tutorials and short videos.
  - Volunteers, Certified Courses
  - ❖ Help in developing skills

- **Project 3**: Assess the improvement on Entrepreneurship and Innovation Quotient and rewards.
  - Simple Quiz or test
  - ❖ Measure the effect of our efforts

- **Project 4:** Joint Hackathon on Social Entrepreneurship
  - Awards for Innovation, Best pitches, Best ideas
  - Possible support to enable the winners to participate in competitions
  - Link startups with investors

Project 1: Understand the Innovation and Entrepreneurship quotient among IEEE members.

▶ Send e-notice to all members within R10 to participate in this survey. One reminder after 15 days.

▶ A suitable thoughtful survey form to be created.

▶ Suitable set of questions for Startups, Entrepreneurs, Mentors, Investors, Returning mothers in Engineering, Women in Engineering, etc. They will be directed to the questions related to their interest.

▶ Through the survey questions, we should identify the existing gaps so that we can plan programs to bridge.

▶ Check whether the member interested to be part of this Entrepreneurship and Innovation program.

▶ A group needs to be formed from those who are interested.

▶ Make sure to cover all sections within Region 10, inclusivity aspects, etc.

▶ This Project to be completed by March 2024.

▶ Budget : USD 1000.
  ▪ USD 250 as volunteering fund for creating online Survey form , managing and analysing the responses.
  ▪ USD 750 in the form of goodies to first 200 respondents.

Project 2: Mentoring sessions through expert talks, tutorials and short videos

- Identify the gaps identified through Project 1, and list down the requirements for upskilling.
- Create and publish a schedule for the talks, video release, workshops, etc till October, 2024.
- Identify creative volunteers across R10.
- Contests and Prizes for the video creation.
- Adopt already existing best videos and lessons from other Regions.
- These may be converted to certified courses with the support of other e-learning committees.
- Shall mentor in: Technical, Business, Financial and Technology translation.
- Identify and start associating with various agencies dealing with Social Entrepreneurship at various government, private and university Technology Business Incubation Centers.
- Budget: USD 4000.
  - USD 1000 as prizes for video contest in the form of renewal of next year membership.
  - Mementos (Books) to Speakers: USD 500
  - Outsourcing to keep all lessons in easy access on line mode: USD 500
  - Travel and brochure printing , goodies expenses to Committee members to participate in local IEEE and other conferences in this specific area: USD 1000
  - Co-sponsorship to have booths in conferences: USD: 1000

Project 3: Assess the improvement on Entrepreneurship and Innovation Quotient and rewards

- Send e-notices to all the participants responded to Project 1 with survey forms.
- Survey form to be created to assess the improvement in understanding of Entrepreneurship and Innovation.
- Assess the improvement and offer some trendy badges for Startups, Entrepreneurs, Mentors, Investors, etc. This shall be made such that they feel proud in wearing.
- Still seeing any gap, we can refer them to specific courses.
- An assessment shall be made to estimate the improvement made through our efforts.
- Gauge success by measuring the level of interest of the participants in volunteering for upcoming events such as preparing materials, active participation in some way.

- Budget: USD 2000.
  - Badges and certificates : USD 2000

Project 4: Joint Hackathon on Social Entrepreneurship
Awards for Innovation, Best pitches, Best ideas

- Organise Joint Hackathons with other Committees.
- Join and co-sponsor with other organisations working in Social Entrepreneurships.
- Prizes for Innovation, Pitches and Ideas.

- Budget: USD 5000.
  - Hackathon and Mementos expenses: USD 2000
  - Prizes : USD 3000 (in the form of renewal of membership, books, etc)

Immediate Action items

- We will work as a team with IEEE Global Entrepreneurship team: Global Advisory team.

- Need to do a detailed study on various activities being done under Entrepreneurship at other regions, globally, etc. They have been working on this for the last 5 years or so.

- Need to identify the right Projects and action plan: Some can be borrowed from other regions.

- Work with R10 WiE: Encourage and support Returning Mothers to become Entrepreneurs.

- Need to identify some extra funding opportunities.

IEEE Global Entrepreneurship

Project G1: Hackathon on Social Entrepreneurship.

‣ We would like to sponsor the winners (3 people, registration, travel and accommodation) to participate in Investor Summit :Hongkong Summit in December 2024: Budget requested 10K USD

‣ Benefits: Hackathon with such an offer of their participation in the Hongkong summit will bring in large number of startups and entrepreneurs to participate in our program. This will increase the reach, awareness and popularisation of IEEE Entrepreneurship programs and activities in Region 10. Through this program, members will be associated with IEEE Entrepreneurship activities, almost throughout one year.

Project G2: AVPN Conference tickets in Abu Dhabi for 5 selected teams on social entrepreneurship in April 2024: Budget 10K USD

‣ Benefits: This will popularise IEEE Entrepreneurship benefits among IEEE members.

‣ Such an offer to provide tickets to AVPN conference will bring a lot many startups and Entrepreneurs to associate with this program in Region 10, and will undertake our surveys, benefit through our proposed short videos, mentorship, etc.

‣ Unless such tangible benefits are offered, the participation remains low.

‣ Some of the non IEEE members may be influenced to become IEEE members too.

R10 Funding

Activity	Budget (USD)
Project 1 - Understand	1000
Project 2 – Mentoring	4000
Project 3 – Assessment	2000
Project 4 – Hackathon	5000
Outreach	1000
Contingency	1000
Total	$14,000

I am pleased to inform about a book release relevant to the subject..

Thank you