Tanzania Sub-Section

Getting Closer to Industry

• On Fostering Industrial Relations:
  ◦ Seminars, Workshops, Conferences and Industrial Site Visits (by members + IEEE leadership);
  ◦ Out of School continuing/professional Training - for engineers, Teachers, Soft skills for young graduate engineers and technologists;
  ◦ Research activities focused on solving industrial problems
  ◦ Introduce IEEE Certifications - e.g. for Engineers and Teachers on specialised STEM training.
  ◦ Joint participation on CSR projects in Community - as policy implementer or/and provider of technical knowledge.
  ◦ Industrial Lectures by Industry to the (IEEE) Engineering Community;

• On Aligning IEEE to improve Industry Relations:
  ◦ IEEE To consider supporting Awareness campaigns - in print and other electronic means; Need to find a way to finance such a Campaign (even if it is volunteering by actors).
  ◦ Mandate Volunteerrism as a necessary qualification to enjoy benefits from joining IEEE Tanzania. (Tricky!) Industry to participate in delivering such benefits going publicity in return. We have started an Initiative: Pioneer Sponsors of IEEE Tanzania Training. A marketing package is needed to publicise such industry relations.
  ◦ Launch IEEE Awards targeting industry and individual professionals.

Students and Young Professionals

• On Supporting Students and Young Professionals:
  ◦ Out of School continuing/professional Training - for engineers, Teachers, Soft skills for young graduate engineers and technologists;
  ◦ Certification to young professionals after acquiring special skills/training;
  ◦ Sponsorship of IEEE student members in their studies; to attend Seminars, Workshops, Conferences and Industrial Site Visits;
  ◦ Participation in technical competitions: by paper writing, community projects, etc.
  ◦ Form Student Chapters and aggressively introduce the Mentorship program;

• On Aligning IEEE to support students and Young Professionals:
  ◦ Encourage more Volunteers to come forward to act as Mentors to the young professionals;
  ◦ Encourage STEM students to join the IEEE through Visits and Industry lectures.

Section Vitality

• Sustainability of Sub-Section:
  ◦ IEEE Tanzania Training Initiative to the Engineering Community. This will also be a revenue generator
  ◦ Launch the IEEE Tanzania Teacher In Service Program (TISP). This will bring in members from the Teaching profession to join the IEEE.

• On improving Section Vitality and Sustainability:
  ◦ Better Upgrade Subsection to Full Section; Exercise of completing the petition in Progress;
  ◦ Permanent Office needed - require guaranteed income to support the office;
  ◦ Recruit more volunteers - Awareness needed for professionals to see value in joining the IEEE.
  ◦ Organize more events: Seminars, workshops, Conferences, Industrial Lectures, etc.
  ◦ IEEE Region 8 to issue letters to Pioneer Sponsors of IEEE Tanzania - as a way to cement the Industry relationships so far established.

Miscellaneous / Recommendations / Feedback

• Commenced an IEEE Tanzania Training Initiative to the Engineering Community. This will be a revenue generator - recognized/accredited by the Engineers Registration Board (ERB) of Tanzania; Course Development Partner: Applied Engineering & ByteWorks (T) Limited. So far 8 courses developed and accredited by ERB.
• Finalising to Launch the IEEE Tanzania Teacher In Service Program (TISP) - This will bring in members from the Teaching profession to join the IEEE.
• Career Guidance program launched for students and young professionals.
• Number of Members has increased to over 150. The challenge is to make sure they are active members. Our plan is to reach 800 members by the end of 2016.