



2021 IEEE R10 EXCOM Virtual Meeting

Date: 10 January 2021

2021 R10 Industry Relations Committee Plan

Name: Sanjay Kar Chowdhury
2021-2022 R10 Industry Relations Committee Chair

Please see my comments in notes of each slide. Zia

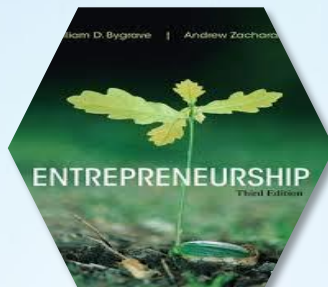
Vision



**Leadership in State-of-the-Art Technology and
bridging industry & academia gap**



Mission



By free & mutual exchange of Ideas between Industry & academia to foster Innovation, Internship & Entrepreneurship

2021 R10 Industry Relations Committee Plan

Committee Structure

1. Chair: Sanjay Kar Chowdhury
2. Members: Dr. H.L. Bajaj, D. Ramakrishna, Dr. Golnar Khomami, Dr. Sudeendra Koushik, Pallab Ganguly. To co-opt more from asia pacific region.

Objectives

1. Recruitment of New members from Industry
2. Strengthening Industry Academia Interactions
3. Partnering with Industry Bodies like CII, Nasscom, IEEMA

** Describe on how the proposed plans or activities can contribute towards the goals /thrust areas.*

Projects / Tasks

- Project 1: Industry Forum at TENSYP, TENCON, INDICON.
- Project 2: Fostering Industry Academia Interactions
- Project 3: R10 Industry Conclave(TENDUSCON)

Budget

- Project 1: Conf. Support for TENCON + TENSYP + INDICON: **\$ 4,500 + \$ 4,500 (Guest speakers)**
- Project 2: Support to different OU s for conducting FD/TIS Programmes - \$ 9,300
- Project 3: R10 Industry Conclave : \$ 10,000

Total Proposed Budget in USD: 28,300

Project / Task Measurable

- Project 1: Number of participants from Industry & New Members recruited from Industry
- Project 2: Number of Programmes & New Members recruited
- Project 3: Number of Participating Corporate Houses

Major Milestones & Timeline

- Project 1: TENSYP (April, Korea), TENCON (December, NZ), INDICON (December, India)
- Project 2: Every month of the calendar year
- Project 3: INDUSCON (Date to be decided)

Details of Project 1

Industry Leadership Forum at the following Conferences of IEEE:

TENSYMP 2021 at Jeju, Korea from 21st to 24th April, 2021.

Topic: Application of Industry 4.0 in Manufacturing Sector

Speakers: From Samsung and other similar Industry

Remarks: Chair in co-ordination with IR representative of the OU section

TENCON 2021 at Auckland, NZ from 7th to 10th December, 2021

Topic: Application of AI & ML in Energy Sector

Speakers: TBD from Local Power Utilities & Singapore Power

Remarks: Chair, Dr. GK

INDICON 2021 at IIT Guwahati, India

INDICON 2021 at IIT Guwahati, India from 19th to 21st December, 2021

Topic: Industry 4.0 in Energy Sector in India

- Technical paper Presentation for Industry People & Panel Discussion

Speakers: TBD with mix from Policy makers & Equipment Manufacturers.

Remarks: HLB, DR & PG

Details of Project 2

Fostering Industry Academia Interactions through Industry Forum:

Industry Academia Forum:

Activity: 1 day Refreshers Course on

'Current Industrial Practices'

Participants: In Service Faculties

Provider: Local / National Level OEMs,

Collaborator: YP & PAC

Industry Academia Forum: Industry Orientation of Faculty / TIS

Notification for EOI : 31/01/2021

EOI Closure Date : 15/03/2021

Acceptance Notification : 31/03/2021

Programme Roll-out Date : 01/05/2021

Programme Closure Date : 15/11/2021

Max program to be accepted : 6

Collaborators: YP & SAC of Sections.

Budget: \$ 2500 x 3 = **\$ 7500**

Knowledge Sharing on State-of-the-art Technology

Activity: Webinar

Speakers: Industry Leaders

Participants: Students, YP, WIE,

Frequency: Monthly

Duration: 1 hour

Collaborator: SAC

Knowledge Sharing on State-of-the-art Technology:

Notification for EOI : 31/01/2021

EOI Closure Date : 28/02/2021

Acceptance Notification : 31/03/2021

Programme Roll-out Date : 01/05/2021

Programme Closure Date : 15/11/2021

Max program to be accepted : 9

Collaborators: SAC of Sections.

Budget : \$ 200 x 9 = **\$ 1800**

Details of Project 3

R10 Industry Conclave(TENDUSCON)

To held within the Geographic Boundary of R10

To be held every alternate year(initially), may be converted to yearly basis depending upon response

A two day programme to be hosted by Sections(OU's)

Shall have the following programme structure:

Day-1:

Inauguration: TBD

Technology Leadership Forum:

Speakers to be drawn from leading industry houses both local & international

Student & YP Forum: Panel Discussion on Contemporary topics where Students & YP shall interact with the industry captains.

Day-2:

Paper Presentation on Innovative Practices by Industry on the following 3 tracks:
Power & Energy
Electronics & Communication,
Instrumentation
Computer Science & Computation

Best Paper in each track to be awarded

Innovation & Knowledge Management Forum:

Industry Leaders to share the innovative practices being adopted recently.

Case Study Competition Forum:

Students & YP to present case studies on few chosen topics. Three best case studies to be awarded. To be Judged by Industry Captains.

Valediction:

Details of Project 3

R10 Industry Conclave(TENDUSCON)

Financial Model:

Initially for 1st & 2nd edition a non-refundable Financial support of \$5,000 may have to be provided. Subsequently it will follow the business model similar to TENCON / TENSYP with 30:70 revenue sharing mode.
Felicitation & Awards: \$ 5,000


Added Attraction:

Felicitation of Industry Captains from:

Power & Energy Sector
Electronics & Communication, Instrumentation
Computer Science

Allocation Process:

EOI to be floated at least a year ahead.
Based on submitted documents allocation will be made to the OU whose proposal found to be best.

 Let's Do It