9th IEEE Region 10 Humanitarian Technology Conference 2020

Theme: Reverse Innovation for Humanitarian Technology Solutions using Science, Engineering and Technology (STEM)

Puneet Kumar Mishra, Chair, IEEE Bangalore Section

March 7, 2020
IEEE Bangalore Section

- Members ~9,000+ (as on Feb 15, 2020)
- Largest section in India
- Outstanding Section award in 2013 and 2019
- 25 vibrant technical chapters and affinity groups
- Outstanding dedicated volunteers with global and local presence
- Presence of major industries and research institution
Major events hosted by IEEE Bangalore Section in Past (>300+ delegates)
Previous events Sponsors

IEEE: HAC, R10, Societies, YP, WIE, etc

Industry: JP Morgan, CISCO, Google, Boeing, Reliance Jio, HPE, Qualcomm, Accenture, etc

Institutions: BMSCE, DSU, DRDO, RVCE, REVA University, RIT, etc.
R10 HTC 2021 Theme

**Reverse Innovation for Humanitarian Technology Solutions using Science, Technology and Engineering (STEM)**

Developing countries need Reverse innovation for effective deployment of technologies. HTC 2021 is looking for papers which focus on Technology adaptation, Process improvement, steps for Mass reach and Cost-effectiveness for reverse Innovations. Focus areas include, but not limited to;

<table>
<thead>
<tr>
<th>Bio-medical innovations</th>
<th>Mobility</th>
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<tbody>
<tr>
<td>Clean water &amp; Air</td>
<td>Plastic use reduction</td>
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<td>Defence &amp; safety</td>
<td>Poverty alleviation</td>
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<tr>
<td>Disaster management</td>
<td>Social welfare</td>
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<tr>
<td>Education</td>
<td>Societal impact of ICT</td>
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<tr>
<td>Energy management</td>
<td>Sustainability and environment</td>
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<tr>
<td>Fight against epidemics</td>
<td>Traffic systems</td>
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<tr>
<td>Food, agriculture &amp; nutrition</td>
<td>Urban development</td>
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<tr>
<td>Green building</td>
<td>Waste management</td>
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<tr>
<td>Health care</td>
<td>Women empowerment</td>
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<tr>
<td>Healthy living</td>
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Conference Outline

- 2 Tutorials
- 8 Tracks

**Important Dates**

Paper submission open: November 15th, 2020
Last date for submission: March 1st, 2021
Acceptance: April 15th, 2021
Final paper submission: May 31st, 2021
Event details

- Venue*: Hotel Lalith Ashoka, Bengaluru
- Dates*: Sept 22 to 24, 2021
- Expected number of papers 100+
- Expected number of attendees 300+

*May vary slightly
Highlights

- Special track on WIE and Young Professionals, Startup, undergrad student, etc
- Special networking event with fellow participants and speakers of the event apart from various NGOs, Innovators, students, WIE, YPs, etc.
- Each track would have awards, to attract more active participation.
- Panel discussions on latest technologies related to humanity.
- Social media contests for the benefit of the participants and wide publicity.
- Poster presentation of the technologies by student branches
- Cultural events will be arranged in the evening to show local practices and celebrations
- A local tour after the event will be arranged for out of city/country participants.
- Various competitions like video/photos
- Few Travel grants for deserving participants will be announced.
- Exhibition by innovators, startups and industries
Registration Fees*

IEEE Members: 300 USD
Non-IEEE Members: 400 USD
IEEE Student Members / Life Members: 200 USD
Non-IEEE student members: 260 USD

*Registration fee includes access to all sessions, participation kit, food, paper presentation
## Budget

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount in USD</th>
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<tbody>
<tr>
<td>Region 10</td>
<td>5000</td>
</tr>
<tr>
<td>IEEE MGA funding</td>
<td>1000</td>
</tr>
<tr>
<td>Registration fees (100$ x 250pax)</td>
<td>25000</td>
</tr>
<tr>
<td>Industry/ Academic Sponsorship</td>
<td>5000</td>
</tr>
<tr>
<td>IEEE Society / AGs sponsorships</td>
<td>2500</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>38500</strong></td>
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<tr>
<td>Delegates + Accommodation + Food</td>
<td>USD</td>
</tr>
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<td>----------------------------------</td>
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<tr>
<td>Registration Kit T-Shirt</td>
<td>1800</td>
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<td>Bag</td>
<td>1800</td>
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<td>Pen/Book/Badge</td>
<td>800</td>
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<tr>
<td>Certificates Attendees + volunteer</td>
<td>500</td>
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<tr>
<td>Transportation Bus + car</td>
<td>1000</td>
</tr>
<tr>
<td>Prizes Competition + Goodies</td>
<td>500</td>
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<tr>
<td>Welcome reception and opening ceremony 400 pax</td>
<td>6000</td>
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<tr>
<th>Speakers</th>
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<tr>
<td>Travel</td>
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<tr>
<td>Momentos</td>
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<tr>
<td>Miscellaneous</td>
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<table>
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<tr>
<th>Other Expenses</th>
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<tbody>
<tr>
<td>Cultural Nights</td>
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<tr>
<td>Stage + Branding + Publicity</td>
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<tr>
<td>Printing/ Stationery</td>
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<tr>
<td>Website/ hosting/maintenance</td>
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<tr>
<th>Trip</th>
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<tr>
<td>Trip to Mysore / or similar places for registered speakers/delegates (delegates have to pay extra)</td>
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<tr>
<td>Local trip on day 0 (delegates have to pay extra)</td>
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<th>Organizing/Volunteers</th>
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<tr>
<td>Local Travel</td>
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<tr>
<td>Thanksgiving dinner</td>
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<tr>
<td>Pre-event expenditure</td>
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<tr>
<td>Unknown/overhead</td>
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<tr>
<th>Total</th>
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<tbody>
<tr>
<td>Return of funds to IEEE R10</td>
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<tr>
<td>Total Expenditure</td>
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Committee

- Steering Committee - Region 10 representatives (Ex-officio), Puneet Kumar Mishra
- Honorary General Chair: Smt Sudha Murthy*, chairperson, Infosys Foundation
- General Chairs: Dr Bindumadhava, CDAC
  General Co-Chair: Rajashekhar S, OSI
- Organizing Chair: Dr Abhishek Appaji, BMSCE
- Finance Chair: Dr Prasant Misra, TCS
- TPC Chair: Prof Ramachandra, IISc
- Publication Chair: Prof Navin, Amrita University
- Sponsorship chair: Ms Divya MG, CDAC
- Logistics Chair: Dr Shrikant Tangde, REVA University
About Bangalore

- Capital of Karnataka state
- 5th largest city in India
- Well connected flights all over world
- Silicon valley of India
- IT City
Tourist Attractions in Bangalore

- Bangalore palace
- Vidhana Soudha
- Lalbagh
- Cubbon park
- IISc
- Bannerghatta National Park
- Tippu palace
- Hesaraghatta
- Janapadha Loka
- Nandi Hills
- Mysore
THANK YOU