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## TTU Electrical and Computer Engineering Professor Invited to Give Keynote at Workshop in India

The ties between Tennessee Tech University and India's Annamalai University were strengthened a bit more <when Indranil Bhattacharya, professor with TTU's electrical and computer engineering department, recently delivered the keynote address and research presentations at an international workshop there.

The workshop, held March 14-16, was a collaboration between Annamalai University and TTU's Center for Energy Systems Research. On the first day of the seminar, Bhattacharya gave a presentation about smart energy systems and the promises and challenges of developing a smart grid. The following day, his 75-minute presentation was on design and modeling of high-efficiency multijunction solar cells. On the last day of the conference, Bhattacharya delivered an hour-long talk on lithium ion batteries, lithium air [IB2] batteries and new trends in energy storage.

"I was very happy to be invited to this event and everything I brought up and discussed was well-received," said Bhattacharya. "The faculty and students are all very much engaged, receptive and appreciative of our research at TTU."



In addition to his presentations, Bhattacharya served as chairman during a technical session at Annamalai University, where students from several Indian universities presented research papers.

Last fall, TTU hosted a professor and four students from Annamalai for a month-long visit. The group compared notes on renewable energy with TTU's Center for Energy Systems and Research, and visited Schneider Electric's Nashville facility.

Annamalai University is one of India's most respected institutions. Founded in 1929, the university has 10 colleges, with 49 programs of study and more than 3,000 faculty members. Annamalai has an enrollment of approximately 30,000 students, and ten times that number are engaged in distance learning or online studies.

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