GRIET/6C/G/20-21

EVENT SUMMARY REPORT

<table>
<tr><td>GRIET/Other institutes/Organization Address:</td><td colspan="5">GRIET</td></tr>
<tr><td rowspan="2">Department</td><td rowspan="2">EEE</td><td colspan="2">Professional Body</td><td colspan="2">Institutional Body</td></tr>
<tr><td colspan="2">ISTE</td><td colspan="2"></td></tr>
<tr><td>Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities</td><td colspan="5">Technical Talk</td></tr>
<tr><td>Title / Theme of the Event</td><td colspan="5">IoT and LoRa</td></tr>
<tr><td>Details of the Coordinator& Designation</td><td colspan="5">Vinay Kumar A, Associate Professor.</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td colspan="3">No. of Days</td></tr>
<tr><td>25 Feb 2020</td><td>25 Feb 2020</td><td colspan="3">01</td></tr>
<tr><td>Details of the Speaker / Guest Organization Address:</td><td colspan="5">Dr. Radhanand, Professor, Dept. of ECE, GRIET.</td></tr>
<tr><td rowspan="2">Participants (Teaching Faculty / Non-Teaching Faculty / Students)

Enclose participants list</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>7</td><td>60</td><td>13</td><td></td><td>80</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Jandhyala N Murthy, Director
Dr. J Sridevi, Professor;
Mr. V Vijaya Rama Raju
Mr. Vinay Kumar A, Associate Professor,
Mrs. K Sudha, Assistant Professor,
Mrs. Y Satya Vani, Assistant Professor,
Mrs. M N Sandhya Rani, Assistant Professor,</td></tr>
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Summary of the Event	The event started with introduction of Speaker A. Radhanand. The session started at 10:30 AM which was attended by students and also faculty of Electrical and Electronics Engineering Department. Sir started the talk by telling the importance of Internet of things. **IoT is a network in which all physical objects are connected to the internet through network devices or routers and exchange data**. It allows objects to be controlled remotely across existing network infrastructure. He mentioned that it is a good and intelligent technique which reduces human effort as well as easy access to physical devices. This technique also has autonomous control feature by which any device can control without any human interaction. He then explained about **LoRa, short for long range which is a spread spectrum modulation technique derived from chirp spread spectrum (CSS) technology**. These devices and wireless radio frequency technology is a long range, low power wireless platform that has become the de facto technology for Internet of Things networks worldwide.
IRG (in rupees**) Deposited A/C no A/C name and date and other details**	NA
Expenditure (in rupees**) (Enclose proof-bills)**	NA
POs attained with this Event (number and description)	*5. Ability to function on multi-disciplinary teams.* *6. Understanding of professional and ethical responsibility.* *8. Broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.* *9. Recognition of the need for, and an ability to engage in life-long learning.*
Photographs of the event (Hard copy and Soft copy)	

	
Proofs: **1.Certificates copies** **2.Profile of Speaker** **3.PPT/Material as applicable. etc.,**	Attached.

Signature of Coordinator **Signature of HOD**