

**Technical Talk on Energy Harvesting Circuits for IOT Applications**

IEEE MVSR Circuits and Systems Society has organized a guest lecture on 07th September 2019. The main motto of the event is to bring an exposure to research perspective in IOT for students.

***Student Branch Mentor*:**

**Dr. Atul Negi,**

**Professor, School of CIS,**

**University of Hyderabad.**

***Student Branch Advisor*:**

**Mr. V. Ashwini Kumar, Assoc. Professor, IT Dept., MVSR Engineering College.**

***PES Advisor:***

**Dr. D. Hari Krishna,**

**Assoc. Professor, EEE Dept.,**

**MVSR Engineering College.**

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**Mrs. Dr. G. Kanaka Durga,**

**Principal,**

**MVSR Engineering College.**

***Student Branch Counsellor:***

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**Assoc. Professor, EEE Dept.,**

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***CS student branch advisor:***

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***CASS Student Branch Advisor:***

**Mrs. S. Aruna**

**Asst. Professor, ECE Dept.,**

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**M. Sai Sri Teja** **- Program Committee**

**Session details:**

**Date :** 07thSeptember 2019.

**Time** **:** 12:30 pm–1:45 pm.

**Venue:** ECE Seminar Hall, MVSR Engineering College.

**No. of IEEE students attended: 15**

**No. of Non- IEEE Students attended: 35**

The session began by our IEEE MVSR SB CASS Chair, D.Sidhartha. He introduced the speaker **Dr. Arifuddin Sohel,** IEEE CASS/EDS Chapter Chairman,IEEE Hyderabad Section.

The lecture started with a Brief Introduction to IOT. Growth of IOT in past few years.



**Dr. Arifuddin Sohel Interacting with students.**

Then it was followed by giving details about Applications of IOT, Power calculation for IOT devices.



**Dr.Arifuddin explaining the topic**

The session became more and more interactive when the topic Applications of IOT popped up. Students clarified their queries regarding their further education and subject. Many students gave an active participation.

Later, Energy harvesting, Sources of energy, Energy harvesting system, Transducers, Energy storage devices topics were covered. Using IOT in Energy harvesting system was discussed briefly. It was a very interesting session for students.

Later, **Research Perspective**-Utopia was discussed. Most of the world’s energy in the future will be generated using Energy harvesting technologies.



**Group Photo with the speaker.**

**Reported by:**

**IEEE, MVSR SB.**