



Summer Internships



SUMMER INTERNSHIP-2019 ON DSP-IP-IOT TECHNOLOGIES

Still not decided on what to do for the summer vacations??

Sardar Patel Institute of Technology offers engineering students a unique opportunity to enhance your technical knowledge and skills through a **SUMMER INTERNSHIP PROGRAM**.

About the Program:

When thinking about Artificial Intelligence (AI), most of us probably think of walking robots and talking computers. However, that's not really the case. Artificial Intelligence is more about building intelligent systems (devices) with decision-making abilities. There are plenty of examples in the simple of automation to AI in driverless vehicles. So, the future is AI and embedded systems co-design. So let's look at these aspects in this training program, this is not just training but to practice on industry sponsored live projects. We plan to cover from system design to software development using following:

Technologies:

- ❖ IOT system design & Protocols
- ❖ DSP and Image Processing using Texas Processors & Python programming
- ❖ Software & Hardware co-design, Low power RTOS
- ❖ Free AVR ATMEGA DIY System design
- ❖ Soft computing techniques

Benefits:

- ❖ Hands-on experience by the industry experts
- ❖ Industrial visits
- ❖ The certificate of course completion & Evaluation by industry and S.P.I.T.
- ❖ Best project shall be awarded the certificate of honor and stipend to work ongoing projects

WHO??

2nd and 3rd year engineering students of the following disciplines are eligible to apply:

- ✓ Electronics engineering
- ✓ Electronics and tele-communication
- ✓ Electrical and Instrumentation
- ✓ Computer and IT

Training on Technologies:

1. Digital Signal Processors
2. Image Processing Techniques
3. IoT Technologies
4. IoT Platforms
5. IoT Protocols

ON/OFF campus accommodation

CONTACT DETAILS:

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Schedule:

Prerequisites: 1st May to 15th May or Weekends

Batch-I: 15th May to 28th June 2019

Batch-II: 3rd June to 5th July 2019

Participant Registration Fee:

- ❖ The program is open to all the engineering colleges, Research Scholars, students and other working professionals are also, eligible.
- ❖ For S.P.I.T students Registration Fee is Rs. 10,000/- + 18% GST per Attendee
- ❖ For other students Registration Fee is Rs. 15,000/- + 18% GST per Attendee
(The fee includes training, certification, and **free IoT kit**)

Payment Details:

Cheque should be in favor of: **S.P.I.T Allied Division**

Registration:

https://docs.google.com/forms/d/e/1FAIpQLSdMDoc0jm0y_axT9O-7Ofsv4_6bLrZNBYS2nDj6PDPGsbI_0A/viewform