



Sri Dayananda Sagar
Founder, MGVP Trust



Dr. D. Hemachandra Sagar
Chairman, DSI



Dr. D. Premachandra Sagar
VC & CEO, DSI



Sri. Galiswamy
Secretary, DSI

5 Days FDP on “Graphical Programming, Data Acquisition and Hardware Programming using NI LabVIEW”

FDP Resource Person:

- NI Technical Experts

Coordinators:

1. **Mrs Pallavi Kulkarni** : 9448056217
Email id: pallavik15@gmail.com
2. **Mrs Yashaswini Gowda N** : 9591545005
Email id: yashaswini.gn@gmail.com

About Dayananda Sagar Academy of Technology & Management - DSATM

One of the premier institutions of the country, DSI was established by MGVP Trust in 1963 by Sri Dayananda Sagar the founder. The institutions are now being nurtured by Dr. D Hemachandra Sagar and Dr. D. Premachandra Sagar the two eminent sons of the founder. DSATM was established in 2011 with Six branches of engineering and B.Arch, MBA, MCA programs. The college has its own unique position in the galaxy of eminent educational institutions in the country and has done yeoman service to the cause of engineering and management education. This focuses on Research and Development activities helping the Faculties to undertake research work leading to M.Sc in Engineering and Doctor of Philosophy (PhD). The Departments are undertaking external funded research, consultancy projects & works in their respective disciplines. Five engineering branches CSE, ISE, ECE, EEE and ME are accredited for 3 years by NBA, New Delhi. The DSATM has successfully conducted its First International Conference on “Advanced Technologies in Intelligent control, Environment, Computing and Communication Engineering” (ICATIECE – 2019) during 19th – 20th March, 2019.

Vision of the Institute:

To strive at creating the institution a centre of highest caliber of learning, so as to create an overall intellectual atmosphere with each deriving strength from the other to be the best of engineers, scientists and mathematicians.

Mission of the Institute:

- M1: To serve its region, state, the nation and globally by preparing students to make meaningful contributions in an increasing complex global society.
- M2: To encourage reflection on and evaluation of emerging needs and priorities with state of are infrastructure.
- M3: To support research and services establishing enhancements in technical, health, economic, human and cultural development.
- M4: To establish inter disciplinary centre of excellence
- M5: To increase the number of Doctorate holders to promote research culture on campus.

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

(CSE, ISE, ECE, EEE, ME Branches Accredited for 3 Years
by NBA, New Delhi. Validity: 26-7-2018 to 30-6-2021)
Opp. Art of Living, Udayapura, Kanakapura Road, Blore-82
080-28432909, 28432999: www.dsatm.edu.in



5 Days Faculty Development Program On “Graphical Programming, Data Acquisition and Hardware Programming using NI LabVIEW”

June 28th – July 2nd 2019

Organized by

**Department of
ECE & EEE**

Accredited For 3 Years by NBA, New Delhi
(In association with National Instruments)



About The Faculty Development Program

The Faculty Development Program gives the chance to explore the LabVIEW environment, dataflow programming and common LabVIEW development techniques in a hands-on format. Using LabVIEW, data acquisition devices and signal conditioning hardware, the data acquisition and signal conditioning course teaches the fundamentals of PC based data acquisition and signal conditioning. MyRio is a real time embedded evaluation board made by National Instruments. It is used to develop applications that utilize its on-board FPGA and Microprocessors.

About the Departments:

Electronics & Communication Engineering

The Department ECE is started during the year 2011 & it has consistently maintained an exemplary academic record. The greatest asset of the department is its highly motivated and learned faculty. It is accredited for 3 years by NBA, New Delhi. It has a Texas Instrumentation Innovation Laboratory. It also has an approved VTU research centre.

Electrical & Electronics Engineering

The Department of EEE is started during the year 2011. It comprises of well experienced and dedicated faculty. It is accredited for 3 years by NBA, New Delhi. It has an Advanced Power Electronics Lab and Control & Data Acquisition Laboratory.

Schedule

Day 1: Graphical programming Basics

Day 2: Graphical programming Advance

Day 3 : Self Practice day

Day 4 : Hardware Programming using NI –my DAC

Day 5 : Hardware Programming using NI –my RIO

About National Instruments

National Instruments Corporation, or NI, is an American multinational company with international operation. It is a producer of automated test equipment and virtual instrumentation software. Common applications include data acquisition, instrument control and machine vision

Laboratory Virtual Instrumentation Engineering Workbench (LabVIEW) is a system design platform and development environment for a visual programming language from National Instruments.

Patrons

Dr. D. Hemachandra Sagar,

Chairman DSI, Chancellor DSU

Dr. D. Premachandra Sagar,

Vice Chairman & CEO-DSI, Pro-Chancellor, DSU

Sri.Galiswamy, Secretary, DSI

Advisory Board:

Dr. H. P. Khincha,

Former Vice Chancellor of VTU, Karnataka

Sri. K. Jairaj, IAS,

Former Additional Chief Secretary (Retd.), Govt. of Karnataka

Dr. A.N.N.Murthy,

Vice Chancellor, DSU, Bangalore

Organizing Committee

Dr B R Lakshmikantha, Principal, DSATM

Dr Sumithra Devi K.A, Dean Academics, DSATM

Dr C Nandini, Vice Principal, DSATM

Dr R Manjunatha Prasad, Professor & HOD, ECE, DSATM

Dr Rupam Bhaduri, Professor & HOD, EEE, DSATM

Participants	Registration Fee
Faculty from other Institution	Rs. 1500/-

Out station participants would be provided accommodation at Institution Hostel at Rs.400 per day.

Dates to Note:

Confirmation of Participation: 18th June 2019

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Opp. Art of Living, Udayapura, Kanakapura Road, Blore-082

REGISTRATION FORM-FDP 2019

June 28th to July 2nd, 2019

Name:.....

Institution:.....

Designation:.....

Address for Communication:

.....
.....

E-mail Id.....

Mobile No.....

REGISTRATION DETAILS:

Fees Rs: 1500 to be remitted to account

“DSATM CONFERENCE & WORK SHOP”

Bank Account Details

Bank Name: STATE BANK OF INDIA

Branch: Art of Living

Account Type: Current Account

Account No: 64170205495

IFSC: SBIN0040871

Provide transaction ID and Reference number or a Snapshot of your transaction receipt at the time of registration.

DECLARATION:

I hereby declare that the details furnished above are true.

I shall inform the organizers in advance if in case I am unable to attend.

Signature of Applicant:

Date:

The institution here by agrees to depute the applicant to attend the FDP, from June 28th to July 2nd 2019.

Signature of Head of the Department/ Institution