

**ONE WEEK NATIONAL LEVEL STUDENT  
WORKSHOP  
ON  
INTRODUCTION TO PLC & DCS AND ITS  
APPLICATION III  
(SW3-2020)  
(Online Workshop)**

**September 24 - 30, 2020**

**Organized By:  
Department of Applied Electronics &  
Instrumentation Engineering  
RCCIIT, Kolkata – 700 015**

**Technical Sponsor: TRS Student Chapter, RCCIIT**

**REGISTRATION FORM**

Name : .....

Institute : .....

Department : .....

Session : .....

Mobile/Landline : .....

E-mail ID : .....

Food Habit .....

( Veg / Non – Veg) : .....

Applicant's Signature : .....

Date : .....

The above applicant is hereby permitted to  
participate.

.....  
Signature of Principal / HOD with seal  
(All fields are mandatory)

**PATRON**

Shri Pranabesh Das,  
Director of Technical Education, Govt. of West Bengal &  
Chairman, BoG, RCCIIT

**ADVISORY COMMITTEE (Academic):**

Prof. (Dr.) Anirban Mukherjee, Principal (O), RCCIIT  
Dr. Abhishek Basu, FIC Academics, RCCIIT  
Mr. Sandip Saha, Registrar, RCCIIT

**ADVISORY COMMITTEE (Finance):**

Mr. Chinmay Ghoshal, Finance Officer, RCCIIT

**CONVENER(S)**

Mr. Avishek Paul, Assistant Professor, AEIE  
Mr. Kalyan Biswas, Assistant Professor, AEIE

**CO –ORDINATOR(S):**

Mr. Arijit Ghosh, Assistant Professor & HOD, AEIE  
Dr. Srijan Bhattacharya, Assistant Professor, AEIE

**ORGANIZING COMMITTEE:**

Mr. Kuntal Ghosh, Laboratory Technician, AEIE  
Mr. Rimo Kumar Dey, Technical Assistant, AEIE  
Mr. Dibyendu Datta, Technical Assistant, AEIE  
Mr. Goutam Bera, Junior Assistant, AEIE

**CONTACT PERSONS**

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Call: +91-9748021125

Workshop Platform: Google Meet

Workshop Link: [meet.google.com/nxs-zfjy-oxq](https://meet.google.com/nxs-zfjy-oxq)

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Dept. of Applied Electronics & Instrumentation  
Engineering  
RCC Institute of Information Technology  
Unit of an Autonomous Society of Department of  
Higher Education, Govt. of West Bengal**

**Technical Sponsor: TRS Student Chapter, RCCIIT**



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Phone: +91 33 2323 2463  
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#### **RCC INSTITUTE OF INFORMATION TECHNOLOGY:**

RCC Institute of Information Technology (RCCIIT) is a World Bank funded (TEQIP-II) Government aided self financing Engineering College under an autonomous Society of the Dept. of Higher Education Govt. of West Bengal. It was setup in 1999 with an active support and collaboration of Ministry of Information Technology, Government of India and Department of Higher Education, Government of West Bengal.

#### **VISION:**

We at RCCIIT undertake to impart knowledge and skill of the highest quality by applying technological innovations through the use of state-of-the-art technological tools for generating technical manpower as required in industries, research organizations and academia and to inculcate the importance of inter-disciplinary research and development that directly impacts the social needs of our country.

#### **MISSION:**

To train technical professionals with cutting-edge technological knowledge and skill, good communication ability and interpersonal skills for meeting challenges with innovation and application.

To produce quality engineers and good human beings who will be able to assess the need, design solutions and apply their innovation skills to implement projects with clean and green technology for the benefit of mankind.

To select, groom and retain talented, qualified and committed faculty and staff.

To develop relevant infrastructure and learning resources with conducive climate for pursuing planned research and learning practices by all the stake holders.

#### **DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING:**

The Department of Applied Electronics & Instrumentation Engineering started its journey in the year 2010 under this Institute. It encompasses various specialized fields such as industrial, biomedical & analytical instrumentation, process control, sensors & transducers, electrical & electronic measurement etc. The present intake of the Department is 60. The various automation excellence of present world has one of the pillars in this discipline. The Department of AEIE will have a strong role to play in near future towards research and development.

#### **WORKSHOP OBJECTIVE:**

This workshop program encourages the students to appreciate the impact and applications of PLC in Instrumentation engineering in various industries. It highlights the challenges and potentials of implementing Process Automation in different industries. During the various sessions of this program, eminent resource persons from the industry / institute will deliver the modern developments in this field which will enrich student's knowledge to deploy their skill in industry.

#### **REGISTRATION GUIDELINES:**

The SW3 is meant to include 3rd year and 4th year students; Dept. of AEIE, RCCIIT, an AICTE approved Engineering Colleges. Registration is based on First Come First Serve basis. Last date to submit filled – up registration form is 23rd September 2020.

Registration Fees: Nil

(Maximum of Fifty five (55) participants from Final year and Forty five (45) participants from pre-final year can be accommodated in this program based on Departmental selection.)

Registration link:

<https://forms.gle/qsnT4UW4HVMRPp9f8>

#### **STUDENT WORKSHOP SCHEDULE:**

##### **24.09.2020 (Thursday)**

|                 |                                |                                                                        |
|-----------------|--------------------------------|------------------------------------------------------------------------|
| 5.30PM – 6.00PM | Inauguration & Welcome Address | Principal, RCCIIT , FIC Academics, RCCIIT & HOD, Dept. of AEIE, RCCIIT |
| 6:00PM – 7.30PM | Lecture 1                      | Prof. A Paul, Dept. of AEIE, RCCIIT                                    |

##### **25.09.2020 (Friday)**

|                  |           |                                                          |
|------------------|-----------|----------------------------------------------------------|
| 5.30 PM – 7.30PM | Lecture 2 | Mr. Mainak Deb, Alumni Representative from Core Industry |
|------------------|-----------|----------------------------------------------------------|

##### **26.09.2020 (Saturday)**

|                  |           |                                                           |
|------------------|-----------|-----------------------------------------------------------|
| 9.30AM – 11.30AM | Lecture 3 | Mr. Avidipta De, Alumni Representative from Core Industry |
|------------------|-----------|-----------------------------------------------------------|

##### **27.09.2020 (Sunday)**

|                 |           |                                 |
|-----------------|-----------|---------------------------------|
| 5.30PM – 7.30PM | Lecture 4 | Mr. A. Mahanti, Industry Expert |
|-----------------|-----------|---------------------------------|

##### **28.09.2020 (Monday)**

|                 |           |                                                          |
|-----------------|-----------|----------------------------------------------------------|
| 5.30PM – 7.30PM | Lecture 5 | Mr. Mainak Deb, Alumni Representative from Core Industry |
|-----------------|-----------|----------------------------------------------------------|

##### **29.09.2020(Tuesday)**

|                  |           |                               |
|------------------|-----------|-------------------------------|
| 5.30PM – 7.30 PM | Lecture 6 | Mr. S. Ghosh, Industry Expert |
|------------------|-----------|-------------------------------|

##### **30.09.2020 (Wednesday)**

|                 |                     |                                       |
|-----------------|---------------------|---------------------------------------|
| 5.30PM – 7.00PM | Lecture 7           | Prof. K Biswas, Dept. of AEIE, RCCIIT |
| 7PM – 7:30PM    | Valedictory session | HOD, Dept. of AEIE, RCCIIT            |