

### **Trust:**

Moogambigai Charitable and Educational Trust, established in the year 1992 with the sole objective for starting institutions of higher education of exemplary stature in the state of Karnataka.

In furtherance of this objective, the trust has been establishing institutions of higher learning and presently, the trust is running 7 institutions in Karnataka and 19 institutions in Tamil Nadu in the field of Medical, Dental, Nursing, Engineering and Management.

### **Institute:**

RajaRajeswari College of Engineering (RRCE), established in the year 2006 is recognized by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, Karnataka. The Institute offers six UG courses (Civil, Computer Science, Information Science, Mechanical, Electronics & Electrical Engineering) and Five PG courses Master of Technology, Master of Business Administration & Master of Computer Applications. All the Departments have well qualified staff and well equipped laboratories, library, computing and sports facilities along with other amenities. The college is located at a distance of 18kms from Bangalore City Railway Station on Mysore road.

### **Objectives of Program**

To provide an appropriate platform for the staff, students, industrialists, researchers & practicing engineers of various organizations to participate in “Advanced Computational fluid dynamics” and to highlight the recent advancement in the field of CAE Technology.

### **Course content**

- Sketcher Geometry & Using Sketcher Tools
- Sketches & Datum Features
- Extrudes & Revolves
- Assembling with Constraints

### **Who can attend?**

UG and PG students of Mechanical, Civil, Electrical and Electronics Engineering.

### **Registration Fee:**

-NIL-

### **Registration form:**

1. Name:

2. Designation:

3. Organization:

4. Address:

5. Email ID:

6. Mob/Tel:

7. Signature of the Participant:

8. Signature of Director/ Principal/HoD:

**Chief Patron:**

Sri. A. C. Shanmugham  
Chairman,  
RR Group of Institutions  
Sri. A. C. S. Arun Kumar  
Vice-Chairman,  
RR Group of Institutions

**Patrons:**

Sri. Vijayanand S., Controller,  
RR Group of Institutions  
Dr. M. Muruges Mudaliar, Rector,  
RR Group of Institutions  
Sri. S. Jeyabalan, Special Officer,  
RR Group of Institutions

**Organizing Committee:****Chairman:**

Dr. M. S. Bhagyashekar,  
Principal,  
RRCE

**Convener and Organizing Secretary:**

Dr. R. Shankar Reddy  
Professor and Head  
RRCE

**Program Coordinators:**

Mr. N. Sreenivasalu Reedy  
Mr. Madhu K. S.  
Mr. Radhakrishna.  
Mr. Ravi K

**Members:**

Dr. S. G. Sangashetty  
Mr. Pramod V. Koujalagi  
Mr. Thanuj Kumar M.  
Mr. N. Sreenivasalu Reedy  
Mr. Anand A.  
Mr. Praveen Kumar S. P.  
Mr. Ravikumar T.  
Mr. Jogi Adarsh S.  
Mr. Shivalingaiah  
Mr. Madhusudhana M  
Mr. Vishwanath K. C

**Resource Persons:**

Dr. Gowreesh Subramanyam S,  
CMS, Technologies, Bangalore  
Dr. Viswanath K C, Associate Professor,  
RRCE, Bangalore  
Dr. N Sreenivasalu Reddy, Associate  
Professor, RRCE, Bangalore



Certification Course on Part  
Modeling and Assembly Design  
Using PTC Creo  
6<sup>th</sup> to 11<sup>th</sup> Jan 2020

(Online Mode)  
Organized  
By

Department of Mechanical  
Engineering

RajaRajeswari College of  
Engineering

(ISO 9001:2008)  
#14, Ramohalli Cross, Kumbalgodu,  
Mysore Road, Bangalore - 560 074.

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E-mail: [info@rrce.in](mailto:info@rrce.in)



# RAJARAJESWARI COLLEGE OF ENGINEERING

(ISO 9001-2008 Certified Institution)

(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi.)

Certification course on part modeling and assembly Design using PTC Creo  
From 6<sup>th</sup> to 11<sup>th</sup> Jan 2020.

## Syllabus

Software: CREO

Duration: 06 days (3hrs. /day)

- Introduction & Understanding to Creo Parametric Concepts
- Using Creo Parametric Interface
- Selecting & Editing of Geometry, Features, Models
- Creating Sketcher Geometry & Using Sketcher Tools
- Using Sketches & Datum Features
- Creating Extrudes & Revolves
- Creating Holes, Shells, Draft & Patterns
- Creating Rounds, Chamfers & Using Layers
- Assembling with Constraints
- Exploding, Replacing Components, Cross-Sections in Assemblies
- **DesignTech CAD Academy CREO training course highlights:**
  - Opportunity to learn from PTC Certified Instructors
  - LMS access

Program Coordinator

HOD-MECH



# RAJARAJESWARI COLLEGE OF ENGINEERING

(ISO 9001-2008 Certified Institution)

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Certification course on part modeling and assembly Design using PTC Creo

**Duration (6 Days) 6<sup>th</sup> to 11<sup>th</sup> Jan 2020**

## Schedule

Date	Time	Contents	Name of the Resource Person
Day 1 ( 06-01-2020)	8: 30 AM to 10:30 AM	<ul style="list-style-type: none"> <li>➤ Introduction &amp; Understanding to Creo Parametric Concepts</li> <li>➤ Using Creo Parametric Interface</li> </ul>	Dr. Gowreesh S. CSM Technologies, Bangalore
	10: 45 AM to 12:45 AM	<ul style="list-style-type: none"> <li>➤ Selecting &amp; Editing of Geometry, Features, Models</li> </ul>	
	2:00 PM to 4:00 PM	<ul style="list-style-type: none"> <li>➤ Lab session</li> </ul>	

Date	Time	Contents	Name of the Resource Person
Day2 ( 07-01-2020)	8: 30 AM to 10:30 AM	<ul style="list-style-type: none"> <li>➤ Creating Sketcher Geometry &amp; Using Sketcher Tools</li> <li>➤ Using Sketches &amp; Datum Features</li> </ul>	Dr. Viswanath K C., Associate Professor, RRCE, Bangalore.
	10: 45 AM to 12:45 AM	<ul style="list-style-type: none"> <li>➤ Using Sketches &amp; Datum Features</li> <li>➤ Creating Extrudes &amp; Revolves</li> </ul>	
	2:00 PM to 4:00 PM	<ul style="list-style-type: none"> <li>➤ Lab session</li> </ul>	

Date	Time	Contents	Name of the Resource Person
Day 3 ( 08-01-	8: 30 AM to 10:30 AM	<ul style="list-style-type: none"> <li>➤ Creating Rounds, Chamfers &amp; Using Layers</li> </ul>	
	10: 45 AM to 12:45	<ul style="list-style-type: none"> <li>➤ Assembling with Constraints</li> </ul>	

2020)	AM		Dr.N Sreenivasalu Reddy., Associate Professor, RRCE, Bangalore.
	2:00 PM to 4:00 PM	➤ <b>Lab session</b>	

Date	Time	Contents	Name of the Resource Person
Day 4 ( 09-01-2020)	8: 30 AM to 10:30 AM	➤ <b>Exploding, Replacing Components, Cross-Sections in Assemblies</b>	Dr. Gowreesh S. CSM Technologies,Bangalore
	10: 45 AM to 12:45 AM	➤ <b>DesignTech CAD Academy CREO training course highlights:</b>	
	2:00 PM to 4:00 PM	➤ <b>Lab session</b>	

Date	Time	Contents	Name of the Resource Person
Day 5 ( 10-01-2020)	8: 30 AM to 10:30 AM	➤ <b>Opportunity to learn from PTC Certified Instructors</b>	Dr. Gowreesh S. CSM Technologies,Bangalore
	10: 45 AM to 12:45 AM	➤ <b>LMS access</b>	
	2:00 PM to 4:00 PM	➤ <b>Lab session</b>	

Date	Time	Contents	Name of the Resource Person
Day 6 ( 11-01-2020)	8: 30 AM to 10:30 AM	➤ <b>Assembling with Constraints</b>	Dr.Viswanath K C., Associate Professor, RRCE, Bangalore.
	10: 45 AM to 12:45 AM	➤ <b>Assembling with Constraints</b>	
	2:00 PM to 4:00 PM	➤ <b>Lab session</b>	



Program coordinator



HOD-ME

1) Dr. N. Sreenivasalu Reedy



# RajaRajeswari College of Engineering

Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi and Accredited by NBA  
(A Unit of RajaRajeswari Group of Institutions)  
Mysuru Road, Bengaluru, Karnataka, India.



## Department of Mechanical Engineering

### Certificate

This is to certify that, **Mr. Narasimha** of 3rd year Mechanical Engineering, has participated online mode six days basic training programme on “Part modeling and assembly Design using PTC ” held from 6th - 11 th Jan 2020, organized and conducted by the Department of Mechanical Engineering.

**Co-ordinator**  
Prof. N. Sreenivasalau Reddy

**HOD**  
Dr. C. Ramesh C

**Principal**  
Dr. T. Chandrashekar