

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.

Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion:SDPAcademic Year:2020-2021



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Circular

Date: 02/07/2020

All the Lab instructors are hereby informed that the EEE department is organizing a staff development program on “**Basic Electrical and Electronics Lab**” from 6th July to 10th July 2018. All the Lab instructors are encouraged to attend the program.


Head of the Department

Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bengaluru-74

Chief Patron

Dr. A. C. Shanmugam, B.A., LL.B., FIMSA, FRCPS (Glasgow, U.K)
Chairman, Raja Rajeswari Group of Institutions, Bengaluru

Patrons

Sri. A. C. S. Arun Kumar, Tech (Hons), LMISTE, MIET, (UK), LMCSI,
Vice Chairman, Raja Rajeswari Group of Institutions
Bengaluru

Dr. Vijayanand S.

M.Tech, Ph.D

Executive Director, Raja Rajeswari Group of
Institutions, Bengaluru

Sri. S. Jayabalan

Special Officer, Raja Rajeswari Group of Institutions,
Bengaluru

Sri. Seetharam (Retd IAS Officer)

CEO, Raja Rajeswari Group of Institutions, Bengaluru

Dr. Gopalakrishna

Nair Rector, Raja Rajeswari Group of Institutions, Bengaluru

Chairman

Dr. T. Chandrashekar

Principal, RRCE

Organizing Secretary

Dr. Amuthan N.,

Head of the Department,

Dept. of Electrical and Electronics Engineering RRCE

ORGANIZING COMMITTEE

Coordinators

1. Prof. Kiruthika K.

2. Prof. Nandini N

All Staff members of EEE Dept.

Address for communication

Coordinators

1. Prof. Kiruthika K.

(797585376) kiruthik@gmail.com

2. Prof. Nandini

M.(7204501818) nandinirree@gmail.com

**Five days SDP on "Basic
Electrical and Electronics Lab"**

Department of Electrical and Electronics Engg.
Raja Rajeswari College of Engineering Kumbalagodu,
Mysore road, Bengaluru 560074

Resource Persons

Prof. Sincy Elezebeth Kuruvila

(Assistant Professor, EE department, RRCE)

Prof. Bharathi V.

(Assistant Professor, EE department, RRCE)



**Five days SDP on "Basic Electrical
Electronics Lab"**

On

06th July - 10th July, 2020

(10.00 am to 4 pm)

Organized by

**Department of Electrical & Electronics
Engineering**



**RAJARAJESWAR COLLEGE OF
ENGINEERING (RRCE)**

(Approved by AICTE, New Delhi)

ACCREDITED BY NAAC, 'A' Grade and NBA

(EEE, ECE, ME, CSE)

ISO 9001:2008

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Website: www.rrce.org

RAJARAJESWARI COLLEGE OF ENGINEERING

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Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion:SDPAcademic Year:2020-2021



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Staff Development program on “Basic Electrical and Electronics Engineering Lab” REPORT

Date:13/07/20

Duration:5 days

No. of Participants: 4

Report:

The SDP aims at exposing the participants to get the basic knowledge on Electrical and Electronics Laboratories. Prof. SincyElezebethKuruvila and Prof. Bharathi V. were the resource persons. They were discussed the regarding the basic labs as well as conducted hands on training.

Program objectives:

The objective of Basic electrical and electronics engineering laboratory is to learn the practical experience with operation and applications electromechanical energy conversion devices such as DC machines, transformers, three phase induction motors and alternators. It also aims to get the knowledge of the different electronic devices like diodes, rectifiers, transistors and how these devices are used in real time applications. It also makes to learn how to measure the electrical quantities with different measuring devices and with CRO. Hands on training on Electrical wringing, connections with bread board and spring board and electric machines also conducted.

Program outcomes:

1. Understand the operation and applications of electromechanical energy conversion devices
2. Understand identification and selection of various electrical and electronic components.
3. Analyze the characteristics of various electronics components.

Program coordinator

HOD

Department of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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Criterion:SDP Academic Year:2020-2021



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Staff Development program on “Basic Electrical and Electronics Engineering Lab”

Program schedule:

Date	10.00 AM to 1.00 AM	1.00 to 2.00PM	2.00 PM to 4.00 PM
06/07/20	Session 1: Inauguration and Keynote Address	Lunch	Session 2: DC machines ,AC machines understanding
07/07/20	Session 3: Electronic devices identification understanding	Lunch	Session 4: Basic circuits connections
08/07/20	Session 5: Connection with bread board ,string board	Lunch	Session 6: Hands on session on electric circuits
09/07/20	Session 7: Hands on session on machine lab	Lunch	Session 8: Hands on session on bread board
10/07/20	Session 9: Hands on session on string board	Lunch	Session 10: Participant-Performance Evaluation, Feedback and Valedictory Function

Program coordinator

HOD

Professor & HOD
Dept. of Electrical & Electronics Engg.
Rajarajeswari College Of Engineering
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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Criterion:SDPAcademic Year:2020-2021



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Staff Development program on "Basic Electrical and Electronics Engineering Lab"

Attendance Sheet

Sl.No.	Name of the Staff	Day1 06/07/20	Day 2 07/07/20	Day 3 08/07/20	Day 4 09/07/20	Day 5 10/07/20
1	Mr. Dhananjay Kumar H. U.					
2	Mr. ArunRakshith					
3	Mr. Ravikumar T.					
4	Mr. Narendra Babu K. A.					

Program coordinator

HOD

Rajarajeswari College Of Engineering
Bengaluru-74



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Staff Development program on “Basic Electrical and Electronics Engineering Lab”
Feedback form

1. The level of the SDP was.

- ☒ a. Excellent
- b. Very good
- c. Good
- d. Poor
- e. Very poor

2. SDP for the current scenario is it useful.

- a. strongly agree
- ☒ b. agree
- c. disagree
- d. Strongly disagree

3. The course content met with your expectations

- ☒ a. Excellent
- b. Very good
- c. Good
- d. Poor
- e. Very poor

4. The level of the course was

- a. High
- ☒ b. Too high
- c. Low
- d. Too low

5. The teaching aids were effectively used

- ☒ a. strongly agree
- b. agree
- c. disagree
- d. Strongly disagree



Moogambigai Charitable and Educational Trust

Dr. Rajeswari College of Engineering

Affiliated to VTU, Belgaum. Approved by AICET, New Delhi

#14, Ramohalli Cross, Kumbhari, Madhav Nagar, Bangalore-56



Department of Electrical & Electronics Engineering

OFFICE
(06th – 10th JULY, 2020)

This is to certify that Mr./Mrs./Ms. Narendra Babu has successfully completed five days Staff Development program on "Basic Electrical & Electronics Lab" during 06th July to 10th July 2020 in association with Department of Electrical & Electronics Engineering

HOD
Amuthan N

Dr. J. Ch

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion: 6.33

Academic Year: 2020-21



Date: 13.07.20

Circular

All the faculty are hereby informed that the Mathematics department is organizing a faculty development program from 20.07.20 to 24.07.20. All the faculty members are encouraged to attend the program.


Head of the Department

MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Moogambigai Charitable and Educational Trust was established in the year 1992 with the sole objective of 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 in the state. Presently the trust is running 07 institutions in Karnataka and 19 institutions in Tamil Nadu in the fields of Medical, Dental, Engineering and Management Education.

RAJARAJESWARI COLLEGE OF ENGINEERING

RajaRajeswari College of Engineering (RRCE) was established in the year 2006. It is an ISO 9000-2008 Certified Institution, recognized by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum, Karnataka. The Institute offers six UG courses (Mechanical, Electrical, Electronics, Computer Science, Information Science and Civil Engineering.), and three PG courses (MBA, MCA and M.Tech in Digital Electronics & Communications). Departments of Mechanical, Computer Science & Engineering, Mathematics and Management Studies are the VTU approved R&D Centers. All the Departments have well qualified staff, well equipped laboratories, and library, Computing, and sports facilities along with other amenities. The Mechanical, CSE, E&C and EEE departments got accreditation by NBA from 2016

DEPARTMENT OF MATHEMATICS

The Department has full-fledged, experienced and dedicated teaching faculty. The Department is having R & D Center with good systems and softwares like MATLAB & MATHEMATICS.

FDP OBJECTIVES:

FDP is aimed to provide a forum for professionals and research scholars to learn and conceptualize future challenges in the various domains of Mathematics.

DATE and VENUE

The FDP will be held on 20/7/20 – 24/7/20 (10:00am to 4:00 pm) at Dr. A.P.J. Abdul Kalam Seminar Hall, RRCE, Bengaluru-560074.

Participants:

Teachers who are handling Mathematics subjects are invited to participate in the FDP.

**5-DAY FDP ON
Discrete Mathematical
Structure
On
20.07.20 – 24.07.20**



**Organized By
Department of Mathematics
RAJARAJESWARI COLLEGE
OF ENGINEERING**

(Affiliated to Visveswaraya Technological University, Belgaum & Recognized by the AICTE, New Delhi)

#14, Ramohalli Cross, Kumbalagodu,
Mysore Road, Bengaluru - 560074.

DEPARTMENT OF MATHEMATICS

Five Days Faculty Development Program

Sampling Theory and its Application

Date	10.00am to 1.00pm	1.00pm to 2.00pm	2.00pm to 4.00pm
20.07.2020	Session1: Random Variables	Lunch	Session2: Sampling Space
21.07.2020	Session3: Distributions	Lunch	Session4: Students t Distributions
22.07.2020	Session5: Chy square Distributions	Lunch	Session6: Chy square Goodness of Fit
23.07.2020	Session7: Hypothesis	Lunch	Session8: Type 1 Error
24.07.2020	Session9: Type 2 Error	Lunch	Session10: Applications

Program Coordinator

HOD



Moogambigai Charitable and Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalodu, Mysore Road, Bengaluru-560074.
(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi. NAAC 'A' Grade Accredited)



DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is to certify that Dr/ Prof. [✓] *LOKANADHAM: M*.....of *MATHS*.....Dept.
of *RRCE*....., has attended 5 Days FDP on "Discrete Mathematical Structure"
from 20th to 24th July 2020.

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE



Moogambigai Charitable and Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF MATHEMATICS

CERTIFICATE

*This is to certify that Dr/ Prof. ✓.....S.H.I.L.P.A.R.....of.....MATHS.....Dept.
of.....R.R.C.E....., has attended 5 Days FDP on "Discrete Mathematical Structure"
from 20th to 24th July 2020.*

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE



Moogambigai Charitable and Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF MATHEMATICS

CERTIFICATE

✓
This is to certify that Dr/ Prof....*RAVEENDR-N*.....of...*MATHS*.....Dept.
of....*RRCE*....., has attended 5 Days FDP on "*Discrete Mathematical Structure*"
from 20th to 24th July 2020.

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE



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DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is to certify that Dr/ Prof. *ANITHA B.S.* of *MATHS* Dept.
of *RRCE*, has attended 5 Days FDP on "Discrete Mathematical Structure"
from 20th to 24th July 2020.

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE



Moogambigai Charitable and Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF MATHEMATICS

CERTIFICATE

*This is to certify that Dr/ Prof.....S.A.V.I.THA.....B.....of.....MATHS.....Dept.
of.....RRCE....., has attended 5 Days FDP on "Discrete Mathematical Structure"
from 20th to 24th July 2020.*


Dr. A.S. Hariprasad

Professor & Head, Dept of Mathematics


Dr. T. Chandrashekar
Principal, RRCE



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RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF MATHEMATICS

CERTIFICATE

*This is to certify that Dr/ Prof. A.S. HARI PRASAD.....of.....MATHS.....Dept.
of.....R.R.C.E....., has attended 5 Days FDP on "Discrete Mathematical Structure"
from 20th to 24th July 2020.*

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE

RAJARAJESWARI COLLEGE OF ENGINEERING

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Criterion:FDP

Academic Year:2020-2021



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty Development program on “Applications of AI and ML in Power and Electronics”

Program Report

Circular

Date: 01/08/2020

All the faculty are hereby informed that the EEE department is organizing a faculty development program on “**Applications of AI and ML in Power and Electronics**” from 02nd August to 06th August 2020. All the faculty members are encouraged to attend the program.


Head of the Department

Chief Patron

Dr. A.C. Shanmugam, B.A., LL.B., FIMSA, FRCPs (Glasgow, U.K)
Chairman, Raja Rajeswari Group of Institutions, Bengaluru

Patrons

Sri. A.C.S. Arun Kumar, B.Tech (Hons), LMISTE., MIET., (UK), LMCSI.
Vice Chairman, Raja Rajeswari Group of Institutions
Bengaluru

Dr. Vijayanand. S, M.Tech, Ph.D

Executive Director, RRG

Sri. S. Jayabalan

Special Officer, Raja Rajeswari Group of Institutions,
Bengaluru

Sri. Seetharam (Retd IAS Officer)

CEO, Raja Rajeswari Group of Institutions, Bengaluru

Dr. Gopalakrishna

Nair Rector, Raja Rajeswari Group of Institutions, Bengaluru

Chairman

Dr. Chandrasekhar T
Principal, RRCE

Co-Chairman

Dr. Balakrishna R
Dean, RRCE

Organizing Secretary

Dr. Saravanan N,
Head of the Department,

Dept. of Electrical and Electronics Engineering RRCE
ORGANIZING COMMITTEE

Coordinators

1. Prof. Avinash C M
2. Prof. Nandini N

All Staff members of EEE Dept.

Address for communication**Coordinators**

1. Prof. Avinash C
M(9740369481)avinashcm@rrce.org
2. Prof. Nandini N
(7204501818)nandinin@rrce.org

**"Applications of AI and
ML in Power and
Electronics Engineering
Challenges"**

Department of Electrical and Electronics
Engineering
Raja Rajeswari College of Engineering Kumbalagodu,
Mysore road, Bengaluru-560074

Resource Persons

Dr. I. Jeena Jacob,
Associate Professor, CSE Department
GITAM University, Bengaluru Campus

Dr. A. Vegi Fernando,
Associate Professor, CSE Department
SCAD College of Engg & Tech.,
Tirunelveli



**Five Days FDP on "Application
of AI and ML in Power
Engineering & Challenges"**

On

02 /08/2020 to 06 /08/2020

(10 am to 4 pm)

Organized by

**Department of Electrical & Electronics
Engineering**



**RAJARAJESWAR COLLEGE OF
ENGINEERING (RRCE)**

(Approved by AICTE, New Delhi)

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RAJARAJESWARI COLLEGE OF ENGINEERING

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Criterion:FDP


Academic Year:2020-2021

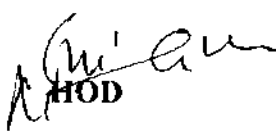


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING Faculty Development program on "Applications of AI and ML in Power and Electronics" Program Report

Program schedule:

Date	10.00 AM to 11.00 AM	11.00 to 11.30 AM	11.30 AM to 01.00 PM	1.00 to 2.00PM	2.00 PM to 4.00 PM
02/08/20	Session 1: Reg. & Inauguration	Tea	Session 2: Introduction AI & ML	Lunch	Session 3: Hands on session on Application of ML/RL in Power Systems Simulations
03/08/20	Session 4: Medical Image segmentation	Tea	Session 5: classification using deep learning	Lunch	Session 6: Hands on session on AI on Edge
04/08/20	Session 7: Prospects of AI/ML in Wireless Communication/ Green Communication	Tea	Session 8: Applications of AI and ML for power system protection	Lunch	Session 9: Applications of AI and ML in micro grid integrated with renewable energy systems
05/08/20	Session 10: NEP scheme	Tea	Session 11: NEP structure	Lunch	Session 12: Understanding AI data science and application in power system
06/08/20	Session 13: Prospects of AI/ML in signal processing	Tea	Session 14: Hands-on- session on Power Converters in AI & ML	Lunch	Session 15: Valedictory


Program coordinator


HOD

RAJARAJESWARI COLLEGE OF ENGINEERING

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Criterion:FDP

Academic Year:2020-2021



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty Development program on “Applications of AI and ML in Power and Electronics”

Attendance Sheet

Sl.No.	Name of the Faculty	Day1 02/08/20	Day 2 03/08/20	Day 3 04/08/20	Day 4 05/08/20	Day 5 06/08/20
1	Dr. Saravanan N	Saravanan	Saravanan	Saravanan	Saravanan	Saravanan
2	Prof. Shivalingaiah K L	Shivalingaiah	Shivalingaiah	Shivalingaiah	Shivalingaiah	Shivalingaiah
3	Prof.Pavan Kumar K R	Pavan	Pavan	Pavan	Pavan	Pavan
4	Prof.Bharathi V	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi
5	Prof.Nandini.N	Nandini	Nandini	Nandini	Nandini	Nandini
7	Prof.SincyElezebeth Kuruvilla	Sincy	Sincy	Sincy	Sincy	Sincy
8	Prof .Purtha G	Purtha	Purtha	Purtha	Purtha	Purtha
10	Prof. Kiruthika K	Kiruthika	Kiruthika	Kiruthika	Kiruthika	Kiruthika
11	Prof. Avinash C M	Avinash	Avinash	Avinash	Avinash	Avinash
12	Prof .Udhyami M B	Udhyami	Udhyami	Udhyami	Udhyami	Udhyami

Program coordinator

HOD



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Faculty Development program on “Applications of AI and ML in Power and Electronics”
Program Report

Date:09/08/20

Duration:5 days

No. of Participants: 12

Report:

The participants will be introduced to fundamentals of AI & ML. **Power Systems** is an emerging field for **AI and ML**. Because **Power Systems** are so complex and interconnected, virtually any method could find **application** .

Electronic device manufactures can use **AI to create smarter devices and maximize their functionalities**. For example, AI-powered TVs can help to automate on/off settings, volume, picture mode and several other key parameters to ensure that viewers can operate the TV easily.

components such as cables, battery, drives and controllers used in of Electric Vehicles and develop the understanding of how to use optimization techniques such as AI and ML to improve the features of EV. The participants will be trained with hands-on approach in order to have an in-depth insight into the domain of Automobile and expose them to Feasibility & future scope of EV

Program objectives:

- To explore the recent developments in the field of AI/ML.
- To enhance the knowledge of AI, ML and their applications to meet the challenges in Power and Electronics engineering.
- To integrate academic experts, researchers and industry leaders to share their expertise with the participants in respect of AI and ML.
- To provide practical exposure on AI and ML in power and Electronics engineering.

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Criterion:FDP

Academic Year:2020-2021



Program outcomes:

1. Understand fundamentals of AI & ML and components used.
2. Environmental impact by using Electric Vehicles and further optimizing the EV's components to adopt to the use.
3. Design of EV's components namely Cables, Batteries, Drives and Controllers.
4. Participants understand and solve various industry grade case studies and engineering problems.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Feedback form-Faculty Development program on “Applications of AI and ML in Power and Electronics”

1. The level of the FDP was.

- a. Excellent
- ☒ b. Very good
- c. Good
- d. Poor
- e. Very poor

2. FDP for the current scenario is it useful.

- a. strongly agree
- ☒ b. agree
- c. disagree
- d. Strongly disagree

3. The course content met with your expectationsExcellent

- a. Very good
- ☒ b. Good
- c. Poor
- d. Very poor

4. The level of the course was

- ☒ a. High
- b. Too high
- c. Low
- d. Too low

5. The teaching aids were effectively used

- ☒ a. strongly agree
- ☒ b. agree
- c. disagree
- d. Strongly disagree



Moogambigai Charitable and Educational Trust

RajaRajeswari College of Engineering

Affiliated to VTU, Belgaum, Approved by AICET, New Delhi
(#14, Ramohalli Cross, Kumbalagodu, Mysore Road Bangalore-560074)



Department of Electrical & Electronics Engineering Certificate

(02nd – 06th August, 2020)

This is to certify that Dr./Mr./Mrs./Ms. PRUTHA G of EEE Dept. has successfully completed five days workshop on “Applications of AI and ML in Power Engineering and Challenges” during 02nd August to 06th August 2020 in association with the department of Electrical & Electronics Engineering.

Saravanan
HOD

Dr. N Saravanan

T. Chandrashekar

Principal
Dr. T Chandrashekar



Moogambigai Charitable and Educational Trust

RajaRajeswari College of Engineering

Affiliated to VTU, Belgaum, Approved by AICET, New Delhi
(#14, Ramohalli Cross, Kumbalagodu, Mysore Road Bangalore-560074)



Department of Electrical & Electronics Engineering Certificate

(02nd – 06th August, 2020)

This is to certify that Dr./Mr./Mrs./Ms. Vdhyani M.B of EEE Dept. has successfully completed five days workshop on “Applications of AI and ML in Power Engineering and Challenges” during 02nd August to 06th August 2020 in association with the department of Electrical & Electronics Engineering.

Saravanan
HOD

Dr. N Saravanan

T. Chandrashekar

Principal

Dr. T Chandrashekar



RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi
Academic Year:



DEPARTMENT OF CIVIL ENGINEERING

Circular

Date: 3/9/2020

All the faculty are hereby informed that the CIVIL ENGINEERING department is organizing a faculty development program on **“Sustainable Development in Civil Engineering”** from 7-9-2020 to 11-9-2020. All the faculty members are encouraged to attend the program.

Head of the Department

V. K. S.
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalgodu, Bangalore
Department of Civil Engineering



'A' GRADE

Chief Patron:

Sri A.C. Shanmugham
Chairman, RR Group of Institutions

Sri A.C.S. ArunKumar
Vice-Chairman, RR Group of
Institutions

Patrons:

Sri Vijayanand S.
Executive Director, RR Group of
Institutions

Sri, C.N.Seetharam
Chief Executive officer, RRG I

Sri, S.Jayabalan
Special officer, RR Group of
Institutions

Co Patrons

Dr.T.R.Gopalkrishnan Nair
Rector, RR Group of Institutions

Dr. Chandrashekar T
Principal, RRCE

Convener
Dr. V Ramesh
Professor and Head
Department of Civil Engineering

INVITATION

FOR

Faculty Development Program

ON

**“Sustainable Development in
Civil Engineering”**

Inauguration

Date and Venue:

7/09/2020-11/9/2020

9.0 am – 10.0am


Dr. Sir M Visvesvaraya Seminar hall

By

Civil Engineering Department

Your's sincerely

Dr. V Ramesh
Professor and Head
Department of Civil Engineering


Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Moogambigai Charitable and Educational Trust was established in the year 1992 with the sole objective of 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 in the state. Presently the trust is running 07 institutions in Karnataka and 19 institutions in Tamil Nadu in the fields of Medical, Dental, Engineering and Management Education.

RAJARAJESWARI COLLEGE OF ENGINEERING

RajaRajeswari College of Engineering (RRCE) was established in the year 2006. It is an ISO 9000-2008 Certified Institution, recognized by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum, Karnataka. The Institute offers six UG courses (Mechanical, Electrical, Electronics, Computer Science, Information Science and Civil Engineering.), and three PG courses (MBA, MCA and M.Tech in Digital Electronics & Communications). Departments of Mechanical, Computer Science & Engineering, Mathematics and Management Studies are the VTU approved R&D Centers. All the Departments have well qualified staff, well equipped laboratories, and library, Computing, and sports facilities along with other amenities. The Mechanical, CSE, E&C and EEE departments got accreditation by NBA from 2016.

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering was established in the academic year 2009-10 with an intake of 60. The intake has been raised to 120 from 2014. The Main Vision of the Department is to produce Civil Engineers with sound technical knowledge. The Department has full-fledged, experienced and dedicated teaching faculty. The Department is having fully equipped laboratories with sophisticated instruments and offers consultancy and testing services in the field of Civil Engineering.

FDP OBJECTIVES:

This FDP will help the faculty members to redefine their horizons in recent advancements in Civil Engineering which require sustainable infrastructure construction. It will also enhance better teaching ability with respect to sustainable development in Civil Engineering.

DATE and VENUE

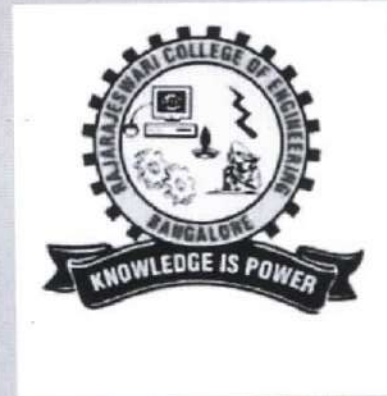
The FDP will be held on 7th Sep -11th Sep, 2020 (10:00am to 4:00 pm) at CVE Seminar hall, RRCE, Bengaluru-560074.

Participants:

Teachers who are handling Civil engineering subjects are invited to participate in the FDP.

5-DAY FDP ON Sustainable Development in Civil Engineering

On
7th Sep -11th SEPTEMBER 2020



Organized By
Department of Civil Engineering
RAJARAJESWARI COLLEGE
OF ENGINEERING

(Affiliated to Visveswaraya Technological University, Belgaum & Recognized by the AICTE, New Delhi)

#14, Ramohalli Cross, Kumbalagodu,
Mysore Road, Bengaluru - 560074.

V. Jay
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BANGALURU-74

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.

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DEPARTMENT OF CIVIL ENGINEERING

5 day Faculty Development program on “Sustainable Development in Civil Engineering”

Program Report

Date:11/9/2020

Duration: 5 Days

Target of participant: FACULTY

No. of Participants: 15

Program objectives: Faculty development program is planned with the following objectives.

To understand the problems associated with durability of special concrete and steel structures and discuss rehabilitation techniques

To enhance the serviceability and life of deteriorated structures with special reference to coastal areas.

To initiate linkages for strengthening research, awareness and provide experience to teaching and practicing engineers on producing sustainable structures.

Program outcomes:

Examine the properties of common construction materials and understand the transition toward sustainable materials, along with their behaviors under different environments, short- or long-term.

Assess material properties, mechanical tests and quality control tests for, concrete, masonry, glass, plastics, iron and steel, paints and protective coatings, bituminous products, gypsum products, resilient flooring, and carpeting.

Appraise appropriateness and sustainability of materials for construction projects.

Select the sustainable materials based on the international standard practices and certification.

Explain about innovative sustainable construction materials and their uses in construction.

Head of the Department

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-74

<https://www.rrce.org>

RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING

5 day Faculty Development program on “Sustainable Development in Civil Engineering”

Event schedule

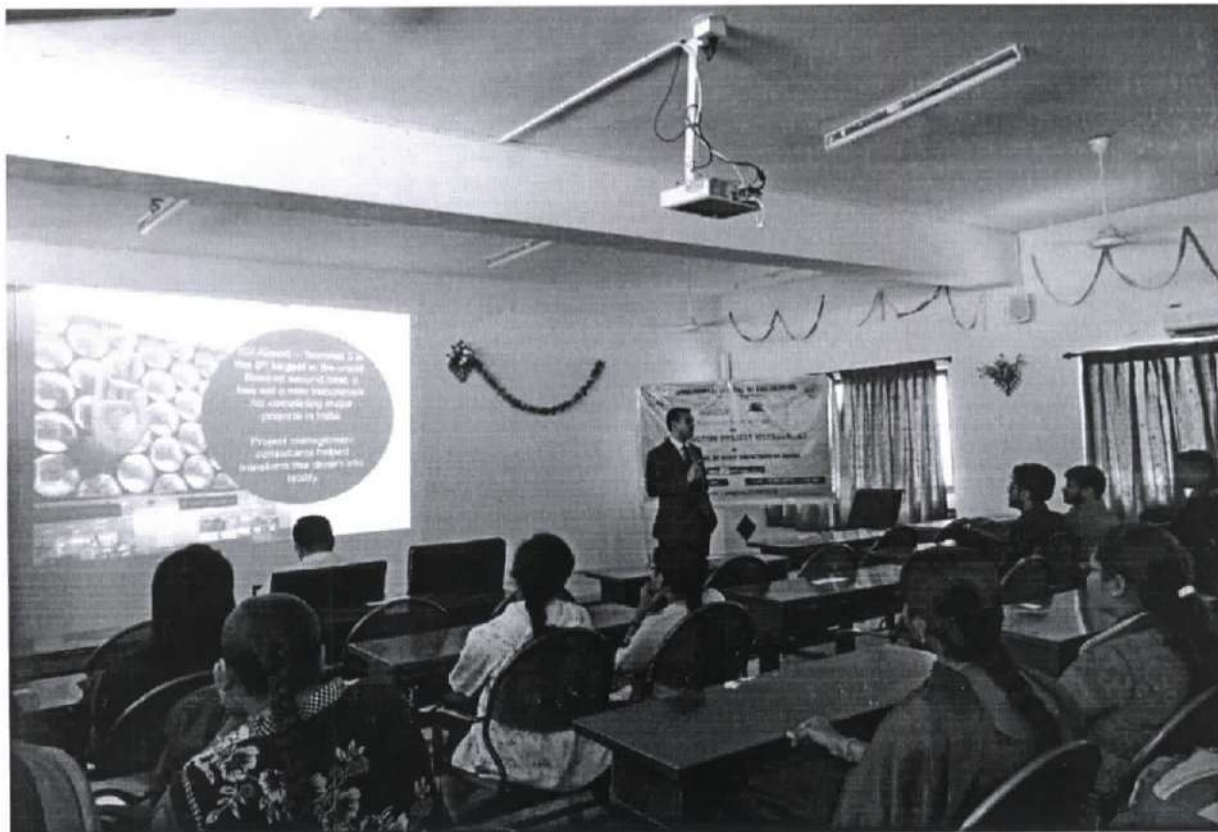
Date	10.00 AM to 1.00 AM	1.00 to 2.00PM	2.00 PM to 4.00 PM
07/09/2020	Session 1: Sustainable Practices in Infrastructure development Resource Person: Mr.Ajit Sabnis	Lunch	Session 2: Green buildings Resource Person: Mrs.anupama
08/09/2020	Session 3: Advances in Building Information Modelling Resource Person: Mrs.anupama	Lunch	Session 4: Operations and maintenance optimization Resource Person: Mr. SRIRAM
09/09/2020	Session 5: GIS in Civil Engineering Infrastructure Resource Person: Mr.Ajit Sabnis	Lunch	Session 6: Modeling and simulation of Transportation and Geotechnical systems Resource Person:Mr.ravikumar
10/09/2020	Session 7: Risk Analysis and Management of Hazards Resource Person:Mrs.babitha	Lunch	Session 8: Construction Safety and Quality Management Resource Person: Mr.Naveen
11/09/2020	Session 9: Sustainable construction materials Resource Person: Mr. SRIRAM	Lunch	Interactive session., Feedback and Valedictory Function


Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

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Y. J. M.
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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Affiliated to the Visvesvaraya Technological University, Belagavi



DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 11/09/2020 Event Name Sustainable development in civil engineering

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you
2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Presentations were interesting
6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. There were opportunities to network with other stakeholders


Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
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9. The venue was suitable
10. The venue was easy to get to
11. Refreshments were suitable
12. Other comments

THANK YOU FOR YOUR FEEDBACK


V. Prasad
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

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	✓			
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			✓	
		✓		
			✓	

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11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. Jayaram
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. Jayaram
Professor
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 11/09/2020 Event Name: Sustainable Development in civil engineering

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✓				

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✓				

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	✓			

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	✓			
	✓			

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Excellent	Very good	Good	Satisfactory	Poor
	✓			
✓				
✓				
NIL				

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10. The venue was easy to get to

11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

Professor S. H. H. H.
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-7A

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 11-09-2020

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11. Refreshments were suitable

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THANK YOU FOR YOUR FEEDBACK

Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 11/09/20 Event Name Sustainability development in Civil Engg

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
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5. Presentations were interesting

6. You would recommend this event to others

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8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
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9. The venue was suitable

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11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK


Professor & Head
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

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Date: 11/9/20

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11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. Jeyaraj
Professor & Head
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 11/09/2020 Event Name Sustainable development in Civil Engineering

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Excellent	Very good	Good	Satisfactory	Poor
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10. The venue was easy to get to

11. Refreshments were suitable

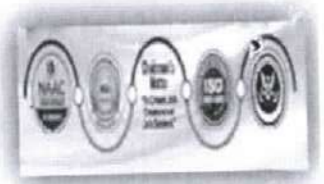
12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. Srinivas
Professor & Head
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74





RAJARAJESWARI COLLEGE OF ENGINEERING
(Affiliated to the Visvesvaraya Technological University, Belgaum)
#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru- 560074.



DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This is to certify that [✓]Mr/Ms/Dr/Mrs KAMALAKARA. G. K of
RRCE, B'lore has successfully completed the 5-DAY FDP ON SUSTAINABLE
DEVELOPMENT IN CIVIL ENGINEERING from 7th TO 11th SEP 2020.


HOD
Dr.V Ramesh


Principal
Dr. T.Chandrashekar



RAJARAJESWARI COLLEGE OF ENGINEERING
Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi
Academic Year:



DEPARTMENT OF CIVIL ENGINEERING

Circular

Date: 31/9/2020

All the Staff are hereby informed that the CIVIL ENGINEERING department is organizing a Staff development program on "Sustainable Development in Civil Engineering" from 12/10/2020 to 16/10/2020. All the Staff members are encouraged to attend the program.


Head of the Department

Prof. P. S. S. & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-74

<https://www.rjec.ac.in>



RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalgodu, Bangalore
Department of Civil Engineering



'A' GRADE

Chief Patron:

Sri A.C. Shanmugham
Chairman, RR Group of Institutions

Sri A.C.S. Arunkumar
Vice-Chairman, RR Group of
Institutions

Patrons:

Sri Vijayanand S.
Executive Director, RR Group of
Institutions

Sri, C.N.Seetharam
Chief Executive officer, RRG I

Sri, S.Jayabalan
Special officer, RR Group of
Institutions

Co Patrons

Dr.T.R.Gopalkrishnan Nair
Rector, RR Group of Institutions

Dr. Chandrashekar T
Principal, RRCE

Convener
Dr. V Ramesh
Professor and Head
Department of Civil Engineering

INVITATION

FOR

Staff Development Program

ON

**“Sustainable Development in
Civil Engineering”**

Inauguration

Date and Venue:

12/10/2020-16/10/2020

9.0 am – 10.0am

Dr. Sir M Visvesvaraya Seminar hall

By

Civil Engineering Department

Your's sincerely

Dr. V Ramesh
Professor and Head
Department of Civil Engineering

[Signature]
Dr. V Ramesh
Professor and Head
Department of Civil Engineering

MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

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Rajarajeswari College of Engineering (RRCE) is established in the year 2006. It is an ISO 9000:2008 Certified Institution recognized by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University, Belgaum, Karnataka. The Institute offers six UG courses (Mechanical, Electrical, Electronics, Computer Science, Information Science and Civil Engineering), and three PG courses (MBA, MCA and M.Tech in D.T. (CSE, ECE, and C&C) and in (C&C)). Departments of Mechanical, Computer Science & Engineering, Mathematics and Management Studies are the VITU approved R&D Centers. All the departments have well-qualified staff, well equipped laboratories and library, Computing and sports facilities along with other amenities. The Mechanical, SE, ECE and C&C departments got accreditation by NBA from 2016.

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering was established in the academic year 2009-10 with an intake of 60. The intake has been raised to 120 from 2014. The Main Vision of the Department is to produce Civil Engineers with sound technical knowledge. The Department has full-fledged, experienced and dedicated Staff. The Department is having fully equipped laboratories with sophisticated instruments and offers consultancy and testing services in the field of Civil Engineering.

SDP OBJECTIVES:

This SDP will help the faculty members to redefine their horizons in recent advancements in Civil Engineering which require sustainable infrastructure construction. It will also enhance better teaching ability with respect to sustainable development in Civil Engineering.

DATE and VENUE

The SDP will be held on 12/10/2020 to 16/10/2020 (10:00 am to 4:00 pm) at GVE Semmachi Hall, RRCE, Bengaluru-560074.

Participants

Staff who are handling Civil Engineering subjects are invited to participate in the SDP.

5-DAY SDP ON Sustainable Development in Civil Engineering

On 12/10/2020 to 16/10/2020



Organized By

Department of Civil Engineering
RAJARAJESWARI COLLEGE
OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belgaum & Recognized by the AICTE, New Delhi)

#14, Ramachalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

REGISTRATION FORM 5-DAY FDP ON RECENT ADVANCES IN CIVIL ENGINEERING

On
7th Sep-11th March, 2020

Registration fees: Nil

Limited seats are
available. On first come
first serve basis.

Chief Patron

Dr. A.C. Shanmugam, B.A.L.L.B., FIMSA, FRCP
S(Glasgow, U.K.)
Chairman, RajaRajeswari Group of
Institutions, Bengaluru

Patrons

Sri. A.C.S. Arun Kumar, B.Tech (Hons),
LMISTE, MIET, (UK), LMCSL,
Vice-Chairman, RajaRajeswari Group of
Institutions, Bengaluru

Dr. Vijayanand, S, M.Tech, Ph.D
Executive Director, RajaRajeswari
Group of Institutions, Bengaluru

Sri. S. Jayabalan

Special Officer, RajaRajeswari
Group of Institutions, Bengaluru

Sri. Seetharam (Retd IAS Officer)

CEO, RajaRajeswari Group of Institutions,
Bengaluru

Chairman

Dr. Chandrashekar, T

Principal, RRCE

Co-Chairman

Dr. Balakrishna R
Dean, RRCE

ORGANIZING COMMITTEE

All Staff members of, C.V.E. Dept

1. Name _____
2. Designation _____
3. Department _____
4. Qualification _____
5. Institution _____
6. Address _____
7. Email _____
8. Tel _____

Signature of the Participant

All are cordially invited

Registration is free

All communications may be made to:

Dr. V Ramesh

Organizing Secretary

Head of the Department

Department of Civil Engineering, RajaRajeswari
College of Engineering, Kumbalagodu,
Near Ramohalli Cross, Bangalore
560074. E-Mail: aravinadan@gmail.com
Mobile: 9440995110



RAJARAJESWARI COLLEGE OF ENGINEERING

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Affiliated to the Visvesvaraya Technological University, Belagavi



DEPARTMENT OF CIVIL ENGINEERING

5 day Staff Development program on “Sustainable Development in Civil Engineering”

Program Report

Date: 16/10/2020

Duration: 5 Days

Target of participant: Staff

No. of Participants: 5

Program objectives: Staff development program is planned with the following objectives.

To understand the problems associated with durability of special concrete and steel structures and discuss rehabilitation techniques

To enhance the serviceability and life of deteriorated structures with special reference to coastal areas.

To initiate linkages for strengthening research, awareness and provide experience to teaching and practicing engineers on producing sustainable structures.

Program outcomes:


Examine the properties of common construction materials and understand the transition toward sustainable materials, along with their behaviors under different environments, short- or long-term.

Assess material properties, mechanical tests and quality control tests for, concrete, masonry, glass, plastics, iron and steel, paints and protective coatings, bituminous products, gypsum products, resilient flooring, and carpeting.

Appraise appropriateness and sustainability of materials for construction projects.

Select the sustainable materials based on the international standard practices and certification.

Explain about innovative sustainable construction materials and their uses in construction.


Head of the Department





DEPARTMENT OF CIVIL ENGINEERING

Staff Development program on "Sustainable Development In Civil Engineering"

Attendance Sheet

[illegible]

Dr. 
R. 

FEEDBACK FORM -

Date: 16/12/2020

Event Name: Sustainable Development Project Engineering

This survey enables you to provide feedback on the value and outcomes of the event you have just attended. [Insert appropriate questions relating to the event to inform your evaluation]

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you
2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Resources provided at this event are relevant to you
4. You are likely to use these resources in the future

Excellent	Very good	Good	Satisfactory	Poor
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Presentations were interesting
6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. There were opportunities to network with other stakeholders

Excellent	Very good	Good	Satisfactory	Poor
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. The venue was suitable
10. The venue was easy to get to
11. Refreshments were suitable

12. What are the two most useful things you got out of the event?

13. How could the event be improved?

14. Please identify any specific priority areas for you that could be the focus at future events.

15. Other comments

THANK YOU FOR YOUR FEEDBACK

(Signature)
R. ...

FEEDBACK FORM -

Date: 16/10/2020

Event Name Sustainable Development in Civil Engineering

This survey enables you to provide feedback on the value and outcomes of the event you have just attended. [Insert appropriate questions relating to the event to inform your evaluation]

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
		✓		
✓				

2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
	✓			
✓				

3. Resources provided at this event are relevant to you

4. You are likely to use these resources in the future

Excellent	Very good	Good	Satisfactory	Poor
✓				
	✓			

5. Presentations were interesting

6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
		✓		

7. There were opportunities to network with other stakeholders

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
		✓		
	✓			
✓				
	✓			

9. The venue was suitable

10. The venue was easy to get to

11. Refreshments were suitable


12. What are the two most useful things you got out of the event?

13. How could the event be improved?

14. Please identify any specific priority areas for you that could be the focus at future events.

15. Other comments

THANK YOU FOR YOUR FEEDBACK


 Date: 16/10/2020
 Page: 14



RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING

5 day Staff Development program on "Sustainable Development in Civil Engineering"

Event schedule

Date	10.00 AM to 1.00 AM	1.00 to 2.00PM	2.00 PM to 4.00 PM
12/10/2020	Session 1: Sustainable Practices in Infrastructure development Resource Person: Mr. Ajit Sabnis	Lunch	Session 2: Green buildings Resource Person: Mrs. anupama
13/10/2020	Session 3: Advances in Building Information Modelling Resource Person: Mrs. anupama	Lunch	Session 4: Operations and maintenance optimization Resource Person: Mr. SRIRAM
14/10/2020	Session 5: GIS in Civil Engineering Infrastructure Resource Person: Mr. Ajit Sabnis	Lunch	Session 6: Modeling and simulation of Transportation and Geotechnical systems Resource Person: Mr. ravikumar
15/10/2020	Session 7: Risk Analysis and Management of Hazards Resource Person: Mrs. babitha	Lunch	Session 8: Construction Safety and Quality Management Resource Person: Mr. Naveen
16/10/2020	Session 9: Sustainable construction materials Resource Person: Mr. SRIRAM	Lunch	Interactive session, Feedback and Valedictory Function

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-74

<https://www.rjee.org>

[Handwritten signature]
Dean
Raj Rajeswari College of Engineering
Bengaluru-74



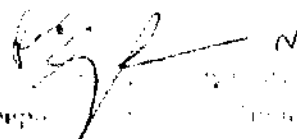
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<https://www.rree.org>


Deputy Director
RAJARA
Bengaluru-74



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DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that Mr/Ms/Dr/Mrs HEMALATHA K P of RRCE BANGLORE has successfully completed the 5-DAY SDP ON SUSTAINABLE DEVELOPMENT IN CIVIL ENGINEERING from 12/10/2020 to 16/10/2020.

HOD
Dr.V Ramesh

Principal
Dr. T.Chandrashekar

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Criterion: 6.3.3

Academic Year: 2020-21



Date: 20.10.20

Circular

All the faculty are hereby informed that the Mathematics department is organizing a faculty development program from 21.12.20 to 26.12.20. All the faculty members are encouraged to attend the program.


Head of the Department

REGISTRATION FORM
5-DAY FDP ON

Numerical Method and its Applications

On

21.12.20 to 26.12.20

- ☐ 1. Name _____
☐ 2. Designation _____
3. Department _____
4. Qualification _____
5. Institution _____
6 Address _____
7. Email _____
8. Tel: _____

Signature of the Participant

Registration fees: Nil

Limited seats are
available. On first come
first serve basis.

All are cordially invited

Note: Interested faculty members of
RRCE may please contact Dr. Anitha for
registration

Registration is free

All communications may be made to:

Dr. A.S. Hariprasad

Organizing Secretary

Head of the Department

Department of Mathematics, RajaRajeswari

College of Engineering, Kumbalgodu,

Near Ramohalli Cross, Bangalore -

560074. ashariprasad@yahoo.co.in

Mobile : 9880926382

Chief Patron

Dr.A.C.Shanmugam.B.A.L.L.B,FIMSA,FRCP
S(Glasgow,U.K)

Chairman, RajaRajeswari Group of
Institutions,Bengaluru

Patrons

Sri. A.C.S. Arun Kumar, B.Tech (Hons).,
LMISTE.,MIET.,(UK).,LMCSI.,
Vice-Chairman, RajaRajeswari Group of
Institutions,Bengaluru

Dr. Vijayanand. S, M.Tech, Ph.D
Executive Director, RajaRajeswari
Group of Institutions, Bengaluru

Sri. S. Jayabalan
Special Officer, RajaRajeswari
Group of Institutions, Bengaluru

Sri. .Seetharam (Retd IAS Officer)
CEO, RajaRajeswari Group of Institutions,
Bengaluru

Chairman
Dr. Chandrashekar.T

Principal, RRCE

Co-Chairman

Dr. Balakrishna R
Dean , RRCE

ORGANIZING COMMITTEE

All Staff members of Mathematics Dept.

MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Moogambigai Charitable and Educational Trust was established in the year 1992 with the sole objective of 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 in the state. Presently the trust is running 07 institutions in Karnataka and 19 institutions in Tamil Nadu in the fields of Medical, Dental, Engineering and Management Education.

RAJARAJESWARI COLLEGE OF ENGINEERING

RajaRajeswari College of Engineering (RRCE) was established in the year 2006. It is an ISO 9000-2008 Certified Institution, recognized by AICTE, New Delhi and is affiliated to Visveswaraya Technological University, Belgaum, Karnataka. The Institute offers six UG courses (Mechanical, Electrical, Electronics, Computer Science, Information Science and Civil Engineering.), and three PG courses (MBA, MCA and M.Tech in Digital Electronics & Communications). Departments of Mechanical, Computer Science & Engineering, Mathematics and Management Studies are the VTU approved R&D Centers. All the Departments have well qualified staff, well equipped laboratories, and library, Computing, and sports facilities along with other amenities. The Mechanical, CSE, E&C and EEE departments got accreditation by NBA from 2016

DEPARTMENT OF MATHEMATICS

The Department has full-fledged, experienced and dedicated teaching faculty. The Department is having R & D Center with good systems and softwares like MATLAB & MATHEMATICS.

FDP OBJECTIVES:

FDP is aimed to provide a forum for professionals and research scholars to learn and conceptualize future challenges in the various domains of Mathematics.

DATE and VENUE

The FDP will be held on 21/12/20-26/12/20 (10:00am to 4:00 pm) at Dr. A.P.J. Abdul Kalam Seminar Hall, RRCE, Bengaluru-560074.

Participants:

Teachers who are handling Mathematics subjects are invited to participate in the FDP.

5-DAY FDP ON

Numerical Method and its Applications

On

21.12.20 – 26.12.20



Organized By

Department of Mathematics

RAJARAJESWARI COLLEGE

OF ENGINEERING

(Affiliated to Visveswaraya Technological University, Belgaum & Recognized by the AICTE, New Delhi)

#14, Ramohalli Cross, Kumbalagodu,
Mysore Road, Bengaluru - 560074.


DEPARTMENT OF MATHEMATICS

Five Days Faculty Development Program

Numerical Method and its Application

Date	10.00am to 1.00pm	1.00pm to 2.00pm	2.00pm to 4.00pm
21.12.2020	Session1: Finite Difference Methods	Lunch	Session2: Regula Falsi Method
22.12.2020	Session3: Newton Raphson Method	Lunch	Session4: Secant Method
23.12.2020	Session5: Bisection Method	Lunch	Session6: Newton's Forward and Backward Interpolation
24.12.2020	Session7: Lagranges's Interpolation	Lunch	Session8: Lagranges's Interpolation
26.12.2020	Session9: Newtons Divided Difference	Lunch	Session10: Newtons Divided Difference


(Program Coordinator


HOD

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion: 6.3.3

Academic Year: 2020-21



Faculty Development program on “Numerical Method and its Applications “

Attendance Sheet

S.No.	Name of the Faculty	Day 1 21.12.20	Day 2 22.12.20	Day 3 23.12.20	Day 4 24.12.20	Day 5 26.12.20	Signature
1	Dr.A.S. Hariprasad	P	P	P	P	P	
2	Dr. Savitha B	P	P	P	P	P	
3	Dr. Anitha B.S.	P	P	P	P	P	
4	Dr. Raveendra N	P	P	P	P	P	
5	Shilpa R	P	P	P	P	P	
6	Lokanadham	P	P	P	P	P	



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DEPARTMENT OF MATHEMATICS

CERTIFICATE

*This is to certify that Dr/ Prof. A. S. HARI PRASAD.....of.....MATHS.....Dept.
of.....RRCE....., has attended 5 Days FDP on "Numerical Method and its
Applications" from 21st to 26th December 2020..*

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE



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DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is to certify that Dr/ Prof. ✓ *S.A.V.I.THA.B.* of *MATHS* Dept.
of *RRCE*, has attended 5 Days FDP on "Numerical Method and its
Applications" from 21st to 26th December 2020..

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE



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DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is to certify that Dr/ Prof. *ANITHA B.S.* of *MATHS* Dept.
of *RRCE*, has attended 5 Days FDP on "Numerical Method and its
Applications" from 21st to 26th December 2020..


Dr. A.S. Hariprasad

Professor & Head, Dept of Mathematics


Dr. T. Chandrashekar
Principal, RRCE



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DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is to certify that Dr/ Prof. *RAVEENORA N.* of *MATHS* Dept. of *RRCE*, has attended 5 Days FDP on "Numerical Method and its Applications" from 21st to 26th December 2020..


Dr. A.S. Hariprasad

Professor & Head, Dept of Mathematics


Dr. T. Chandrashekar
Principal, RRCE



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DEPARTMENT OF MATHEMATICS

CERTIFICATE

*This is to certify that Dr/ Prof. S.H.L.P.A.:R.....of.....MATHS...Dept.
of.....RRCE....., has attended 5 Days FDP on "Numerical Method and its
Applications" from 21st to 26th December 2020..*

Dr. A.S. Hariprasad
Professor & Head, Dept of Mathematics

Dr. T. Chandrashekar
Principal, RRCE



Moogambigai Charitable and Educational Trust
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DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is to certify that Dr/ Prof. ✓ *LOKANADHAM: M.* of *MATHS* Dept.
of *RRCE*, has attended 5 Days FDP on "Numerical Method and its
Applications" from 21st to 26th December 2020..


Dr. A.S. Hariprasad

Professor & Head, Dept of Mathematics


Dr. T. Chandrashekar
Principal, RRCE



RAJARAJESWARI COLLEGE OF ENGINEERING

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Program Report

Date: 01-01-2021

Duration: 4 Hours/ Day

No. of Participants: 05

Faculty development program was organized for the faculty members of Chemistry on 28-12-2020 to 30-12-2020 at Aryabhata Seminar Hall, RRCE. The Programme was inaugurated by Dr. T Chandrashekar Principal, RRCE. Dr. Balakrishna R, Dean, RRCE and Dr. Sudhakara A, HOD of Chemistry presided over the Function. The Programme schedule is attached along with this report.


Head of the Department
Professor & HOD
Dept. of Chemistry
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING

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PROGRAM SCHEDULE


DATE	SESSION	TOPICS	CHAIR
28-12-2020	Morning	Green Inhibitor Corrosion	Dr. Pruthviraj R D
	Afternoon	Green Chemistry- Synthesis	Dr. Sudhakara A

PROGRAM SCHEDULE

DATE	SESSION	TOPICS	CHAIR
29-12-2020	Morning	Fuel – from WASTE MANGAEMNT	Mr. S. Ramesha
	Afternoon	Bio-Mass	Lakshmi Jala

PROGRAM SCHEDULE

DATE	SESSION	TOPICS	CHAIR
30-12-2020	Morning	Sustainably – derived Electrode Materials for Battery & Super Capacitors	Dr. Sudhakara A
	Afternoon	Waste to Energy	Dr. Pruthviraj R D


Professor & HOD
Dept. of Chemistry
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74
<https://www.rcee.org>



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DEPARTMENT OF CHEMISTRY

Faculty Development Program

On

GREEN CHEMISTRY TOWARDS SUSTAINABLE DEVELOPMENT

ATTENDANCE SHEET

On 28-12-2020

S.No.	Name of the Faculty	Session 1	Session 2	Signature
1	Dr. Sudhakara. A	P	P	
2	Dr. Pruthviraj R D	P	P	
3	Mr. Ramesha .S	P	P	
4	Mrs. Lakshmi Jala M M	P	P	
5	Mr.Santhosh Kumar A S	P	P	

On 29-12-2020

S.No.	Name of the Faculty	Session 1	Session 2	Signature
1	Dr. Sudhakara. A	P	P	
2	Dr. Pruthviraj R D	P	P	
3	Mr. Ramesha .S	P	P	
4	Mrs. Lakshmi Jala M M	P	P	
5	Mr.Santhosh Kumar A S	P	P	

On 30-12-2020

S.No.	Name of the Faculty	Session 1	Session 2	Signature
1	Dr. Sudhakara. A	P	P	
2	Dr. Pruthviraj R D	P	P	
3	Mr. Ramesha .S	P	P	
4	Mrs. Lakshmi Jala M M	P	P	
5	Mr.Santhosh Kumar A S	P	P	



RAJARAJESWARI COLLEGE OF ENGINEERING

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ATTENDANCE

Name	Designation	Signature
	28,29, 30/12/2020	28,29, 30/12/2020

M	AN
---	----

Dr. Sudhakara	Professor & HOD		
Dr. Pruthviraj R D	Assoc. Prof.		
Mr. S. Ramesha	Assistant Prof.		
Mrs. Lakshmi Jala	Assistant Prof.		
Mr.Santhosh Kumar A S	Assistant Prof		

Professor & HOD
Dept. of Chemistry
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74



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DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Prof. Sudhakara A., Chemistry Dept of RRCE , has attended Three Day FDP "GREEN CHEMISTRY TOWARDS SUSTAINABLE DEVELOPMENT" held on 28-30th Dec 2020.

Dr. Sudhakara A
Professor & Head, Dept of Chemistry

Dr. T. Chandrashekar
Principal, RRCE
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-77



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DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Dr. Pruthviraj R D ., Chemistry Dept of RRCE , has attended Three Day FDP "GREEN CHEMISTRY TOWARDS SUSTAINABLE DEVELOPMENT" held on 28-30th Dec 2020.

Dr. Sudhakara A
Professor & Head, Dept of Chemistry

Dr. T. Chandrashekar
Principal, RRCE

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



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DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Mrs. Lakshmi Jala., Chemistry Dept of RRCE , has attended Three Day FDP "GREEN CHEMISTRY TOWARDS SUSTAINABLE DEVELOPMENT" held on 28-30 Dec 2020.

Dr. Sudhakara A
Professor & Head, Dept of Chemistry

Dr. T. Chandrashekar
Principal, RRCE

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



Moogambigai Charitable and Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560074.
(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi. NAAC 'A' Grade Accredited)



DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Mr. S. Ramesha., Chemistry Dept of RRCE , has attended Three Day FDP "GREEN CHEMISTRY TOWARDS SUSTAINABLE DEVELOPMENT" held on 28-30th Dec 2020.

Dr. Sudhakara A
Professor & Head, Dept of Chemistry

Dr. T. Chandrashekar
Principal, RRCE

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-560074



Moogambigai Charitable and Educational Trust
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DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Mr. Santhosh Kumar. A. S., Chemistry Dept of RRCE , has attended Three Day FDP "GREEN CHEMISTRY TOWARDS SUSTAINABLE DEVELOPMENT" held on 28-30th Dec 2020.

Dr. Sudhakara A
Professor & Head, Dept of Chemistry

Dr. T. Chandrashekar
Principal, RRCE

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



Department of Information Science and Engineering

Circular

Date: 02-01-2021

All the faculties are hereby informed that the Information Science and Engineering department is organizing a "Microcontroller and Embedded Systems" faculty development program from 04-01-2021 to 06-01-2021. All the faculty members are encouraged to attend the program.


Professor & HOD
Dept. of Information Science & Engg
RajaRajeswari College of Engineering
Bengaluru
Head of the Department

CHIEF PATRON

Dr. A.C. Shanmugam, B.A. LL.B. FMSA, FRCPS (Glasgow, U.K)
Chairman, RRG, Bengaluru.

PATRONS

Sri. A. C. S. ArunKumar
Vice-Chairman, RRG, Bengaluru.

Dr. S. Vijayanand
Executive Director, RRG, Bengaluru.

Dr. S. Jeyabalan
Special Officer, RRG, Bengaluru.

Sri. C.N. Seetharaman (Retd IAS Officer)
CEO, RRG, Bengaluru.

COPATRONS

Dr. T.R. Gopalakrishnan Nair
Rector, RRG, Bengaluru.

Dr. R. Balakrishna
Principal, RRCE, Bengaluru.

ORGANIZING SECRETARY

Dr. Amutharaj J
Professor & Head
Dept of Information Science & Engineering
Bengaluru-74.

Ph: 080-28437124-327

REGISTRATION

Registration to the FDP is open to personnel from Academia and Industry. The selection process is based on first come first serve basis.

Participants will be given the participation/ attendance certificates in the valedictory function.

Registration fee: Rs. 1000 (Rupees One Thousand Only) per participant.

IMPORTANT DATES

Last Date for Registration: 3rd Jan 2021

Programme Dates: 4th - 6th January 2021

VENUE

The FDP will be held at RajaRajeswari College of Engineering in CSE Seminar Hall, 5th Floor.

RESOURCE PERSONS

Mr. Ganesh Babu M
Assistant Professor,
Department of Computer Science and Engineering,
Kamaraj College of Engineering, Tamilnadu.

CO-ORDINATORS

Prof. Mrs. Vinutha H
Assistant Professor, Dept. of ISE, RRCE.

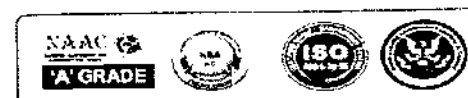
Prof. Ashwini R Mailpatil
Assistant Professor, Dept. of ISE, RRCE.



RAJARAJESWARI COLLEGE OF ENGINEERING

Mysore Road, Bengaluru - 560 074

Ph: + 91-80-28437373 Fax: +91- 80-28437124
Website: www.rrce.org



Three Days

Faculty Development Program

"Microcontroller and Embedded Systems"

4th January – 6th January 2021

Organized By

Department of
Information Science & Engineering

**RAJARAJESWARI COLLEGE OF
ENGINEERING**

(Approved by AICTE, New Delhi)
ACCREDITED BY NAAC, 'A' Grade

RajaRajeswari College of Engineering

Department of

Information Science & Engineering

3 Days Faculty Development Programme

On

**Microcontroller and Embedded
Systems**

4th to 6th January 2021

REGISTRATION FORM

Name: _____
(IN CAPITAL LETTERS)

Designation: _____

Department: _____

College: _____

Address: _____

Phone: _____ Mob: _____

Email: _____

Cheque / DD No: _____

Amount: _____

Date: _____

Registration fees can be paid in cash during the on-spot
registration of the FDP on 4th Jan 2021.

Principal /
Head of the Department

Signature
(Participant)

About the Institution

RajaRajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz.

About the ISE Department

The Department of Information Science and Engineering aims at fostering excellence in academics & research. Over the years it has trained students to be globally competitive and to advance the intellectual capacity of the nation and the international community. We envision our students to be globally recognized as leaders, innovators and competent professionals.

The department has more than 12 teaching, non-teaching & supporting staffs. The current intake of the department for BE is 60. The department has a VTU recognized research center with full-time and part-time Ph.D. students pursuing research in areas like High Performance Computing, Data Mining, Cloud Computing, Sensor Networks, Adhoc Networks and Machine Learning.

Address for communication

The Coordinator,
FDP on Microcontroller and Embedded Systems,
Department of Information Science & Engineering,
RRCE, Mysore Road, Bangalore – 560074.
Mobile: 9739078115/ 9611244447



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)
#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074



Department of Information Science and Engineering FDP: Microcontroller and Embedded Systems

04/01/2021 to 06/01/2021

Program Schedule

Day 1:

Time: 9:00 AM to 12:00

Application of microcontroller
Present trends in embedded system and its future scope
Introduction of microcontroller 8051
Designing, Relays

Time 01:00 PM to 04:00 PM

Software section-This section includes 8051 microcontroller programming, debugging and testing using software.

Day 2:

Time: 9:00 AM to 12:00

Hardware section - This section includes Transferring of programs from system to microcontroller, testing with special trainer kit, interfacing with LEDs

Time: 01:00 PM to 04:00 PM

Seven segment display, stepper motored gear motor, LCD display and sensors, Practical implementation of software in various hardware.

Day 3:

Time: 9:00 AM to 12:00

Introduction to Embedded System
Starting with embedded systems

Time: 01:00 PM to 04:00 PM

Introduction to Embedded C
Difference between C and Embedded C
Introduction to C programming for 8051


Professor & HOD
Dept. of Information Science & Engg.
Rajarajeswari College of Engineering
Bangalore - 560 074.



RajaRajeswari College of Engineering

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#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074



Department of Information Science and Engineering

Faculty Development program on “Microcontroller and Embedded Systems”

Program Report

Duration : 3 days

Date:06/01/2021

No. of Participants: 20

Program objectives:

To give knowledge and hands on experience on

To know about the Microcontroller and Embedded systems a while providing them with an opportunity to improve their Knowledge in Future.

Program outcomes:

- Understand the concept of embedded system, microcontroller, different components of microcontroller and their interactions.
- Get familiarized with programming environment to develop embedded solutions
- Program ARM microcontroller to perform various tasks.
- Understand the key concepts of embedded systems such as I/O, timers, interrupts and interaction with peripheral devices.



RajaRajeswari College of Engineering

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Vinthe

Co-ordinator

Antenaf

Head of the Department

Dept. of Information Science & Engg
RajaRajeswari College of Engineering
Bengaluru - 560 074.

Department of Information Science and Engineering

FDP: "Microcontroller and Embedded Systems"

Attendance List

S.No	Name	04-01-2021	05-01-2021	06-01-2021
01	Dr. J. Ananthan	Ananthan	Ananthan	Ananthan
02	Anadakumar	Anad	An	An
03	Dishankumar	Dishank	Dishank	Dishank
04	Ashwini R	Ashwini	Ashwini	Ashwini
05	Vinayak	Vinayak	Vinayak	Vinayak
06	Rajeshwar	Rajeshwar	Rajeshwar	Rajeshwar
07	Niveditha	Niveditha	Niveditha	Niveditha
08	Spandhana	Spandhana	Spandhana	Spandhana
09	Priyanka	Priyanka	Priyanka	Priyanka
10	Nayana	Nayana	Nayana	Nayana
11	Yashwanth	Yashwanth	Yashwanth	Yashwanth
12	Punith	Punith	Punith	Punith
13	Yashwanth	Yashwanth	Yashwanth	Yashwanth
14	Pavan	Pavan	Pavan	Pavan
15	Abhishek	Abhishek	Abhishek	Abhishek
16	Abilash	Abilash	Abilash	Abilash
17	Avinash	Avinash	Avinash	Avinash
18	An	An	An	An
19	Malhar R	Malhar R	Malhar R	Malhar R
20	Trilok	Trilok	Trilok	Trilok


 Professor & HOD
 Dept. of Information Science & Engg.
 Rajarajeswari College of Engineering
 Bangalore - 560074



RAJARAJESWARI COLLEGE OF ENGINEERING
#14, Ramohalli Cross, Kumbalgodu Post, Mysore Road, Bangalore -74
Affiliated to VTU, Belgavi, Approved by AICTE, New Delhi



Three Days Faculty Development Program on
Microcontroller and Embedded Systems

Certificate of Participation

This is Certify that Mr/Ms. Rajeswari S of
Department of ISE has
participate Three Days Faculty Development Program on "Microcontroller and Embedded Systems"
Organized by the Department of Information Science and Engineering of RajaRajeswari College of
Engineering , Bangalore on 04-01-2021 to 06-01-2021.

Dr. Amutharaj. J
HoD, Dept of ISE
RRCE

Dr. T. Chandrashekar
Principal
RRCE

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Academic Year: 2020-21



Circular

Date:10/2/2021

All the faculty are hereby informed that the CSE department is organizing a faculty development program from 15-2-2021 to 19-2-2021. All the faculty members are encouraged to attend the program.

Head of the Department

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

Chief Patron

Dr. A C Shanmugam, B.A.LLB, FIMSA, FRCPS (Glasgow, UK)
Chairman, RajaRajeswari Group of Institutions

Sri. A C S Arun Kumar

B.Tech (Hons.), LMISTE, MIET, (UK), LMCSL

Vice-Chairman, RajaRajeswari Group of Institutions

Patrons

Dr. S Vijayanand

Executive Director, RajaRajeswari Group of Institutions

Sri C N SeetharamIAS (Retd)

Chief Executive officer, RRG

Dr. S Jeyabalan

Special Officer, RRG

Co-Patrons

Dr. T Chandrashekar

Principal, RRCE

Dr. Usha S

Professor and Head

Dept. of Computer Science & Engineering

Organizing Secretary

Dr. Usha S

Professor and Head

Dept. of Computer Science & Engineering

Resource Person

Dr. R. Rajkumar

SRM Institute of Science and Technology,
Chennai.

Mr. Aditya S K

Tequed labs, Bangalore

Association Coordinator

Dr. KamalRaj

Associate Professor/CSE

Organizing Members

All staffs of CSE department

Date and Venue

15th – 19th February, 2021

09:30AM – 04:00PM

CSE Seminar Hall,

Department of CSE, RRCE

Address for Communication

Dept. of Computer Science & Engg.

RajaRajeswari College of Engineering,

Mysore road, Kumbalagodu,

Bengaluru -560074

Phone: 080- 28437124, 28437375

Fax: 080- 28437373

RajaRajeswari College of Engineering

Mysore Road, Bengaluru - 560 074

Website: www.rrce.org



5 Days Faculty Development Program on

“Augmented Reality/
Virtual Reality and its Application”

15th – 19th February, 2021



Organized

By

Department of Computer Science & Engineering

(Accredited by NBA)

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074



Academic Year: 2020-21

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion:

Academic Year: 2020-21



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development program on “Augmented Reality/Virtual Reality “

Program Report

Date:19/2/2021

Duration : 5 days

No. of Participants:10

Program objectives :

The workshop has been designed with the following objective:

- Discuss on types of VR, Sickness caused by VR, VR in games, Google VR setup and Demo of project.
- Explain the concepts regarding VR.
- Work on demo project and produce an output using Google VR.
- Explain about various applications of AR

Program outcomes :

- Hands-on on AR and VR.
- Use Vuforia to make an AR scene.
- Understand the practical challenges in the VR and AR game-making industry.

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion:

Academic Year: 2020-21



Event Photo:




Co-ordinator


Head of the Department

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074



Moogambigai Charitable and Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560074.
(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi. NAAC 'A' Grade Accredited)




DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
(NBA Accredited Department)

CERTIFICATE

*This is to certify that Dr/ Prof....Srinivasa....R.....of.....CSE.....Dept.
of.....RRCE....., has attended 5 Days FDP on "Augmented Reality/Virtual
Reality" from 15th to 19th February 2021.*


Dr.S .Usha

Professor & Head, Dept of CSE
Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074


Dr. T Chandrashekar
Principal, RRCE

RAJARAJESWARI COLLEGE OF ENGINEERING

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Affiliated to the Visvesvaraya Technological University, Belagavi



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development program on “Augmented Reality/Virtual Reality”

Feedback Form

Questionnaire	Below Average	Average	Fair	Good	Very Good
1. Was the FDP informative?		✓			
2. Were the points of discussions, topics absolutely easy & understandable?			✓		
3. FDP for the current scenario is it useful?				✓	
4. Are you satisfied with the outcome of this FDP?					✓



RajaRajeswari College of Engineering

No.14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560 074
(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO VTU, BELAGAVI)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

Date: 12/03/2021

To,

All the Faculty.

Hereby informed that, Department of ECE is organizing five days faculty development program on **LaTex for Professionals** on 22th to 26th **March 2021**. In this regards faculty of various departments are requested to register for this FDP on or before 18/03/2021 and make the event a grand success.


HOD/ECE

Chief Patrons

Sri. A. C. Shanmugam

Chairman, RajaRajeswari Group of Institutions

Sri. A. C. S. Arun Kumar

Vice-Chairman, RajaRajeswari Group of Institutions

Patrons

Sri. Vijayanand. S

Executive Director, RajaRajeswari Group of Institutions

Sri. S. Jeyabalan

Special Officer, RajaRajeswari Group of Institutions

Co-Patron

Dr. T R Gopalakrishnan Nair

Rector, RajaRajeswari Group of Institutions

Principal

Dr. T. Chandrashekar

RajaRajeswari College of Engineering

Organizing Secretary

Dr. L Rangaiah, Professor & Head, Dept. of ECE

Faculty Advisors

Dr. Muruganandham A

Dr. Vijaya S M

Dr. Bhuvaneswari P

Dr. R Gangadhar Reddy

Dr. SumithaManoj

Dr. Soby D

Dr. S R AarthiAvanthiga

Prof. Sreepathi V

Prof. Chaitanya S

Prof. Vani S Badiger

Prof. Ajay M

Prof. Haritha K S

Prof. Santosh Chavan

Prof. Santosh G

Prof. Pushpa M J

Prof. Namitha S

Prof. Deepika J

Prof. Gireesh H R

Prof. Ojaswini

Prof. Karthikeyan R

Prof. Suresh M

Prof. Abhilasha C P

Prof. Meghana H N

Prof. Vinodha. G

Prof. Karthik Nagarjun

Prof. Anudeep K

Prof. Abubakkarsithik M

Prof. Vignesh Mani

Prof. Gopinathan. T

Contact:

Dr. P. Bhuvaneswari, Assoc. Prof. Dept of ECE, RRCE

Contact No: 9448394177

Address for Communication:

DEPT. OF ELECTRONICS & COMMUNICATION ENGG.

RajaRajeswari College of Engineering,

Mysore road, Kumbalagodu,

Bengaluru -560074.

Phone: +91—8028437124

PROFESSOR & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENGG.
RAJARAJESWARICOLLEGE OF ENGG.
BENGALURU - 560 074



RajaRajeswari College of Engineering

Approved by AICTE, New Delhi & Govt. of Karnataka,
Affiliated to VTU, Belagavi.

#14, Ramohalli Cross, Kumbalagodu, Mysore Road,
Bengaluru - 560074

**A FIVE DAY WORKSHOP
ON**

LaTex for Professionals

22th to 26th March 2021

**Organized by
Department of
ELECTRONICS & COMMUNICATION ENGG.**

**RajaRajeswari College of Engineering,
Mysore road, Kumbalagodu,
Bengaluru - 560074**

Ph: + 91-80-28437373, 28437375

Fax: +91- 80-28437124

Prof. Lokesha K

Prof. Sunitha R

About RRCE: RajaRajeswari College of Engineering (RRCE), established in the year 2006 under the shelter of 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. RRCE is recognized by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU),

Belagavi, Karnataka. The Institute offers six UG courses (Electronics & Communication, Civil, Computer Science, Information Science, Mechanical, Electrical & Electronics Engineering) and seven PG courses, Master of Technology in Digital Electronics & Communication, Communication Systems, Computer Science & Engineering, Computer Network Engineering, Thermal Power Engineering, Master of Business Administration & Master of Computer Applications, also 7 R&D programs. The college has unique well equipped laboratories, library, digital library computing and sports facilities along with other amenities. The college is located at a distance of 18 kms from Bengaluru City Railway Station on Mysore road.

About Department: Dept. of ECE is established in the year 2006 with an intake of 60 and increased to 120 in the year 2013. The Department has organized many International/National Conferences, FDPs, Workshops in the past. The Department is well equipped with laboratories and has highly qualified and dedicated faculty members with vast experience and expertise in their respective domains. Department has a Research center approved by VTU.

Workshop Objectives: Students, faculty, and researchers often need to write a technical document. LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. It is the de facto standard for the communication and

The broad objectives of the course are:

1. To understand LaTeX, a document preparation system for high-quality typesetting.
2. To understand features of LaTeX.
3. To have hands on experience to become a user of LaTeX

COURSE CONTENTS: This course will be addressing following together with hands on each.

1. Introduction to LaTeX
2. Mathematical environment
3. Tables, figures and tikz pictures for vector graphics
4. Referencing in the report (BibTex)
5. IEEE paper format, Report

Date and Venue:

The FDP will be held during 22 to 26 March 2021 at Seminar Hall, Department of ECE, RRCE, Bengaluru - 560074.

Resource Person:

1. Dr. R Gangadhar Reddy, Associate Professor, Department of ECE, Rajarajeswari College of Engineering.

Targeted Participants:

- Faculty of various colleges

Registration Fee: Rs. 500/-

Registration fee to be paid to the following account.

Account Name: Rajarajeswari College of Engg.

Account No: 263701000032

IFSC: ICIC0002637

Scanned copy of registration form along with transaction details to rgangadharreddy@rrce.org

A THREE DAY WORKSHOP ON

LaTeX for Professionals

22 to 26 March 2021

Organized by
Department of
ELECTRONICS & COMMUNICATION ENGG.

RajaRajeswari College of Engineering,

Mysore road, Kumbalagodu,

Bengaluru - 560074

Ph: + 91-80-28437373, 28437375

Fax: +91- 80-28437124

REGISTRATION FORM

Name :

Department :

Institution :

Phone :

E-mail :

DECLARATION

I hereby declare that the above details are true to the best of my knowledge

Signature of
Participant

Signature of HoD/
Dean with seal

Date:



RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

Workshop on "LaTeX for Professionals "

- **Date of FDP:** 22 to 26 March 2021
- **Venue:** Seminar Hall, Dept of ECE

Session	Topics covered	Resource Person
DAY-1 22.03.2021	Inaugural Function	Dr. R Gangadhar Reddy, Assoc. Prof. Dept. of ECE, RRCE
	Introduction to LaTeX	
	Installation of Latex tool	
DAY-2 23.03.2021	Mathematical environment	
DAY-3 24.03.2021	Tables, figures and tikz pictures for vector graphics	
DAY-4 25.03.2021	Referencing in the report (BibTex)	
DAY-5 26.03.2021	IEEE paper format, Report	
	Valedictory Function	

Workshop objective: Students, faculty, and researchers often need to write a technical document. LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. It is the de facto standard for the communication and publication of scientific documents.

The broad objectives of the course are:

1. To understand LaTeX, a document preparation system for high-quality typesetting.
2. To understand features of LaTeX.
3. To have hands on experience to become a user of LaTeX

- **Total number of participants:** 30

COURSE CONTENTS:

This course will be addressing following together with hands on each.

1. Introduction to LaTeX
2. Mathematical environment
3. Tables, figures and tikz pictures for vector graphics
4. Referencing in the report (BibTex)
5. IEEE paper format, Report


PROFESSOR & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENG
RAJARAJESWARI COLLEGE OF ENGG
BENGALURU - 560 074



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ELECTRONICS & COMMUNICATION ENGINEERING



A Five Day Workshop

On

LaTex for Professionals

PARTICIPATION CERTIFICATE

This is to certify that **Mr. Santosh G** of **Rajarajeswari college of engineering** has participated in a Five Day workshop on “LaTex for Professionals”, organized by the Department of Electronics and Communication Engineering, from 22nd to 26th March 2021.

Coordinator
Dr. P. Bhuvaneswari

Head of the Department
Dr. Rangaiah L

Principal
Dr. T. Chandrashekar



Raja Rajeswari College of Engineering

No.14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560 074
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Five Day Workshop on "LaTeX for Professionals"

22nd to 26th March 2021

FEEDBACK ON FDP

Please tick the appropriate option.

1. How did you get to know about the workshop? Through:

(a) Friends (b) Brochure (c) College website (d) e-mail (e) Any other (mention) d

2. Was the information in the workshop useful? Yes / No

3. Rate the following on a scale of 1 to 5

(1-Not satisfactory, 2-Satisfactory, 3-Good, 4-Very good, 5-Excellent)

Information content	<u>4</u>
Understandability	<u>5</u>
Relevance of the topic to you	<u>4</u>
Communication of the presenter	<u>5</u>
Level of interaction	<u>4</u>
Hands on training	<u>4</u>

4. Quality of Equipment/Ambience etc. : Good

5. Do you want some more of such workshops? Yes/No

If yes, suggest topics _____

6. Suggestions/comments if any

***** Thank you for your valuable feedback *****

RajaRajeswari College of Engineering

No.14, Ramohalli Cross, Kumbalodu, Mysore Road, Bengaluru-560 074

(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO VTU, BELAGAVI)



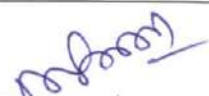
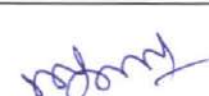








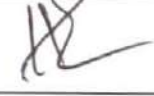





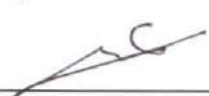

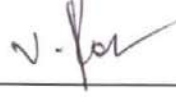
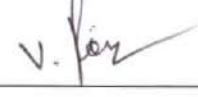
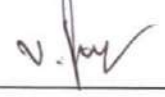
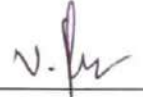
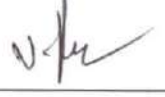
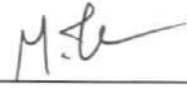


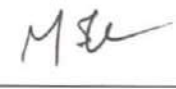
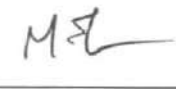






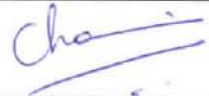

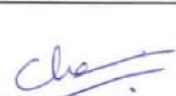
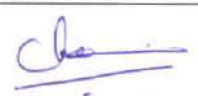



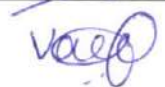
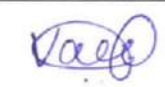
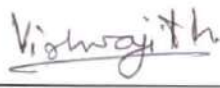
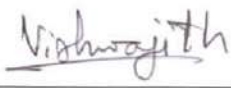
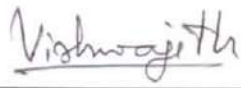
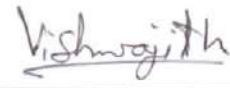
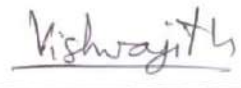



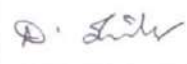
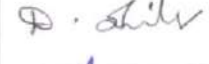





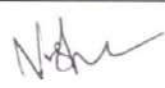
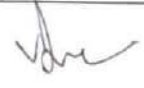
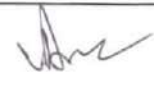


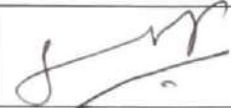

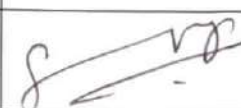
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FDP ON "LaTeX for Professionals"


22th to 26th March 2021

Attendance Sheet

S. NO	Name of the Faculty	Day-1 22-03-2021	Day-2 23-03-2021	Day-3 24-03-2021	Day-4 25-03-2021	Day-5 26-03-2021
1	Dr. A. Mangamtham					
2	Dr. P. Bhuravara					
3	G. Sankarsh G					
4	Vani-S. Beleg					
5	Dr. Vijaya S.M					
6	AJAY.M.					
7	Lokesha b					
8	V. SREERATHI					

9	m. Suresh					
10	Ojaswini					
11	Haritha. k.					
12	Santosh chavan					
13	Do. V. Rami					
14	Thang Kumal M					
15	Jyothi. A - P					
16	Chaitanya. S					
17	Vaana. V. Nadegeer					
18	Vishwajith. V. Pai					
19	Dr. D. Srinikumar					
20	mahantesh matnapati					
21	VM. SARAVANAPERUMAL					
22	Dr. Sumithranmanohar					

23	SUSHMA RAMESH	<u>Sushma</u>	<u>Sushma</u>	<u>Sushma</u>	<u>Sushma</u>	<u>Sushma</u>
24	YASHASWINI S		<u>YAS</u>	<u>YAS</u>	<u>YAS</u>	<u>YAS</u>
25	Vidya . C. N.	<u>Vidya</u>	<u>Vidya</u>	<u>Vidya</u>	<u>Vidya</u>	<u>Vidya</u>
26	Dr D. SOBYA	<u>Dr D. Soby</u>	<u>Dr D. Soby</u>	<u>Dr D. Soby</u>	<u>Dr D. Soby</u>	<u>Dr D. Soby</u>
27	Sumitha R	<u>Sumitha</u>	<u>Sumitha</u>	<u>Sumitha</u>	<u>Sumitha</u>	<u>Sumitha</u>
28	Srinivasa k	<u>Srinivasa</u>	<u>Srinivasa</u>	<u>Srinivasa</u>	<u>Srinivasa</u>	<u>Srinivasa</u>
30	Anand A	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>	<u>Anand</u>
31	Axarnd kumar	<u>Axarnd</u>	<u>Axarnd</u>	<u>Axarnd</u>	<u>Axarnd</u>	<u>Axarnd</u>
32	Rajesh	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>	<u>Rajesh</u>
33	Siney Elezebeth	<u>Siney Elezebeth</u>	<u>Siney Elezebeth</u>	<u>Siney Elezebeth</u>	<u>Siney Elezebeth</u>	<u>Siney Elezebeth</u>
34						
35						


PROFESSOR & HEAD
 DEPT. OF ELECTRONICS & COMMUNICATION ENG
 RAJARAJESWARI COLLEGE OF ENGG.
 BENGALURU - 560 074

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.

Affiliated to the Visvesvaraya Technological University, Belagavi



Academic Year: 2020-21



Circular

Date:1/4/2021

All the faculty are hereby informed that the CSE department is organizing a faculty development program from 5-4-2021 to 9-4-2021. All the faculty members are encouraged to attend the program.

Head of the Department

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.

Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion: 6

Academic Year: 2020-21



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development program on "Mobile Application Development for Innovation" Attendance Sheet

Sl.No.	Name of the Faculty	Day 1 5-04-2021	Day 2 6-04-2021	Day 3 7-04-2021	Day 4 8-04-2021	Day 5 9-04-2021
1	T. Devi	P	P	P	P	P
2	POOJA . M	P	P	P	P	P
3	VM SARAVANT PERUMKE	W	W	W	W	W
4	Mahantess	P	P	P	P	P
5	SRINWASA R	P	P	P	P	P
6	Prakashan	2	2	2	2	2
7	CHASHIDRA	P	P	P	P	P
8	KAMAL RAY	K	K	K	K	K
9	Dr. Rajesh K S	P	P	P	P	P
10	Maana . G . V . Kumar	Maana	Maana	Maana	Maana	Maana
11	Kavyashree HL	P	P	P	P	P
12	Megha . L	L. Megha	L. Megha	L. Megha	L. Megha	L. Megha
13	Yashashwini PR	Yashashwini	Yashashwini	Yashashwini	Yashashwini	Yashashwini
14	Dr. M. Selin	M. Selin	M. Selin	M. Selin	M. Selin	M. Selin
15	Dr. D. S. S. Kumar	D. S. S. Kumar	D. S. S. Kumar	D. S. S. Kumar	D. S. S. Kumar	D. S. S. Kumar
16	T. Anbin Jose	T. Anbin	T. Anbin	T. Anbin	T. Anbin	T. Anbin
17	Veda	V	V	V	V	V
18	Nandini G	N	N	N	N	N

HOD/CSE

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

Chief Patron

Dr. A C Shanmugam, B.A.L.L.B, FIMSA, FRCPS (Glasgow, UK)
Chairman, RajaRajeswari Group of Institutions

Sri. A C S Arun Kumar

B.Tech (Hons), LMISTE, MIET, (UK), LMCSL

Vice-Chairman, RajaRajeswari Group of Institutions

Patrons

Dr. S Vijayanand

Executive Director, RajaRajeswari Group of Institutions

Sri C N SeetharamIAS (Retd)

Chief Executive officer, RRG

Dr. S Jeyabalan

Special Officer, RRG

Co-Patrons

Dr. T Chandrashekar

Principal, RRCE

Dr. Usha S

Professor and Head

Dept. of Computer Science & Engineering

Organizing Secretary

Dr. Usha S

Professor and Head

Dept. of Computer Science & Engineering

Resource Person

Mr. Sridhar Raghu,
Associate Engineer,
Pseudo code, Bengaluru

Association Coordinator

Mr. Saravana Perumal
Assistant Professor/CSE

Organizing Members

All staffs of CSE department

Date and Venue

5th – 9th April, 2021

09:30AM – 04:00PM

CSE Seminar Hall,

Department of CSE, RRCE

Address for Communication

Dept. of Computer Science & Engg.

RajaRajeswari College of Engineering,

Mysore road, Kumbalagodu,

Bengaluru -560074

Phone: 080- 28437124, 28437375

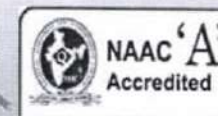
Fax: 080- 28437373



RajaRajeswari College of Engineering

Mysore Road, Bengaluru - 560 074

Website: www.rrce.org



5 Days Faculty Development Program on

“Mobile Application Development
for Innovation”

5th – 9th April, 2021

Organized
By

Department of Computer Science & Engineering
(Accredited by NBA)

S. Usha
Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.

Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion:

Academic Year: 2020-21



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development program on “Mobile Application Development for Innovation”

Program Report

Date:09/04/2021

Duration : 5 days

No. of Participants:20

Program objectives :

To give knowledge and hands on experience on

Learn and acquire the art of Android Programming.

Configure Android studio to run the applications.

Understand and implement Android's User interface functions.

Create, modify and query on SQLite database.

Developing Innovative Mobile App Solutions for Societal and Industrial problems

Program outcomes:

Create, test and debug Android application by setting up Android development environment. Implement adaptive, responsive user interfaces that work across a wide range of devices. Infer long running tasks and background work in Android applications. Demonstrate methods in storing, sharing and retrieving data in Android applications. Infer the role of permissions and security for Android applications. Projects and Assignment given to Develop Innovative Mobile App Solutions for the Industrial and Societal Problems.

RAJARAJESWARI COLLEGE OF ENGINEERING

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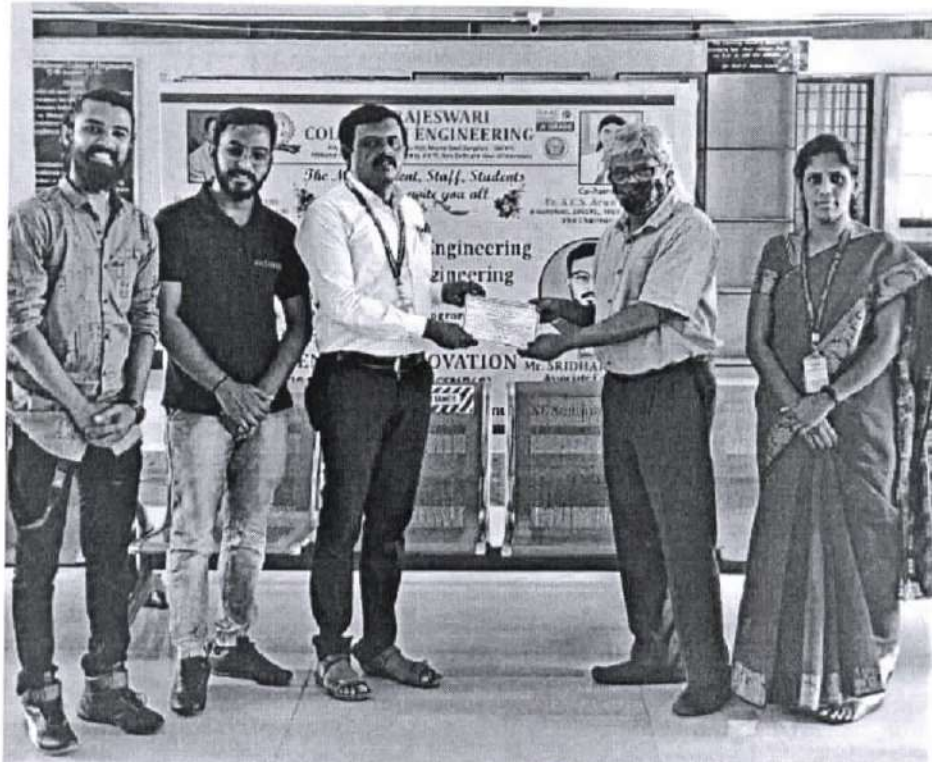


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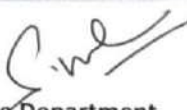
Academic Year: 2020-21



Event Photo:




Co-ordinator


Head of the Department

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074



Moogambigai Charitable and Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560074.
(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi. NAAC 'A' Grade Accredited)



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
(NBA Accredited Department)

CERTIFICATE

*This is to certify that Dr/ Prof....Dr. M. selvi.....of....CSE.....Dept.
of.....R.R.C.E....., has attended 5 Days FDP on "Mobile Application Development
for Innovation" from 5th to 9th April 2021.*


Dr. S. Usha

Professor & Head, Dept of CSE

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074


Dr. T. Chandrashekar
Principal, RRCE

RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Development program on “Mobile Application Development for Innovation“

Feedback Form

Questionnaire	Below Average	Average	Fair	Good	Very Good
1. Was the FDP informative?					✓
2. Were the points of discussions, topics absolutely easy & understandable?				✓	
3. FDP for the current scenario is it useful?			✓		
4. Are you satisfied with the outcome of this FDP?	✓				

RAJARAJESWARI COLLEGE OF ENGINEERING


Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Circular

Date: 2.5.2021

All the faculty are hereby informed that the CSE department is organizing a Staff development program from 4-5-2021 to 8-5-2021. All the Non-Teaching members are encouraged to attend the program.


Head of the Department
Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

Chief Patron

Dr. A C Shanmugam, B.A.LLB, FMSA, FRCPS (Glasgow, UK)

Chairman, RajaRajeswari Group of Institutions

Sri. A C S Arun Kumar

B.Tech (Hons), LMISTE, MIET, (UK), LMCSL

Vice-Chairman, RajaRajeswari Group of Institutions

Patrons

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Executive Director, RajaRajeswari Group of Institutions

Sri C N Seetharam IAS (Retd)

Chief Executive officer, RRGI

Dr. S Jeyabalan

Special Officer, RRGI

Co-Patrons

Dr. T Chandrashekar

Principal, RRCE

Dr. Usha S

Professor and Head

Dept. of Computer Science & Engineering

Organizing Secretary

Dr. Usha S

Professor and Head

Dept. of Computer Science & Engineering

Resource Person

Mr. Sridhar, SudoCode, Bangalore

Organizing Members

All staffs of CSE department

Date and Venue

4th – 8th May, 2021

09:30AM – 04:00PM

CSE Seminar Hall,

Department of CSE, RRCE

Address for Communication

Dept. of Computer Science & Engg.

RajaRajeswari College of Engineering,

Mysore road, Kumbalagodu,

Bengaluru -560074

Phone: 080- 28437124, 28437375

Fax: 080- 28437373

RajaRajeswari College of Engineering

Mysore Road, Bengaluru - 560 074

Website: www.rrce.org



**5 Days Faculty Development
Program on**

**“Mobile Application Development &
Python Programming”**

(As per VTU CBCS Scheme)

4th – 8th May, 2021



**Organized
By**

Department of Computer Science & Engineering

C. S. S. Arun Kumar
Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074

About the Institution: RajaRajeswari College of Engineering (RRCE) was started in the year 2006 and is managed by Mooganbigai Charitable and Education Trust (MCET), Bangalore. The College is approved by All India Council for Technical Education (AICTE), New Delhi. Govt. of Karnataka and is affiliated to Visvesvaraya Technological University (VTU) Belgaum.

The Institute offers 7 UG courses (Civil, Electronics, Computer Science & Engineering, Information Science & Engineering, Mechanical, Telecommunication & Electrical Engineering) and 5 PG courses Master of Business Administration, Master of Computer Applications, M.Tech in ECE, M.Tech in CSE and M.Tech in Mechanical and also 7 VTU affiliated R&D centers. All the Departments have well qualified staff and well equipped laboratories, library, central computing and sports facilities along with other amenities. This institution organizes international and national conferences, FDPs, Seminars and technical talks on a regular basis

About CSE: Dept. of CSE was established in 2006 with an intake of 60. It has been raised to 180. CSE department is rich enough to organize and encourage Students, teaching & non-teaching staffs by conducting various events like Workshops, Technical Seminars, Expert Lectures, FDPs, Industry Visits and Symposiums etc. Postgraduate for CSE was established in 2013-14 with an intake of 18, which is affiliated

to VTU and approved by All India Council for Technical Education (AICTE). The M.Tech programme in Computer Science and Engineering imparts a breadth of advanced knowledge in various areas of computer science. The programme is designed such that a student can complete it based on advanced coursework alone. However, the students are given the option to concentrate on a problem by substituting some of the courses with equivalent project work. Postgraduate for Computer Networking and Engineering was established in 2014 with an intake of 18, which is affiliated to VTU and approved by All India Council for Technical Education (AICTE).

Departmental Vision

"To emerge as a leading Department in the field of Computer Science & Engineering in the state of Karnataka."

Departmental Mission

"The Department of CSE will create high quality professionals in Computer Science & Engineering and to foster leading edge research and to equip students to succeed and contribute to industry and society."

Rajarajeswari College of Engineering

Department of Computer Science & Engineering

5 Days Faculty Development Programme On "Mobile Application Development & Python Programming"

(As per VTU CBCS Scheme)

4th – 8th May, 2021

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

College: _____

Address: _____

Phone: _____ Mob: _____

Email: _____

Date: _____

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



Academic Year: 2020-21

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Staff Development program on "Mobile Application Development & Python Programming"
Attendance Sheet

Sl.No.	Name of the Non-Teaching	Day 1 4-5-2021	Day 2 5-5-2021	Day 3 6-5-2021	Day 4 7-5-2021	Day 5 8-5-2021
1.	Krishnamurthy	Kf	Kf	Kf	Kf	Kf
2.	Sathish	S	S	S	S	S
3.	Vijayasheer	Vst	Vst	Vst	Vst	Vst
4.	Sithik	S	S	S	S	S
5.	Arunkumar	Arun	Arun	Arun	Arun	Arun
6.	Mumtaj	Mumtaj	Mumtaj	Mumtaj	Mumtaj	Mumtaj
7.	Shashi kumar	Shashi	Shashi	Shashi	Shashi	Shashi
8.	Shavada	Sh	Sh	Sh	Sh	Sh
9.	Rakeshith	R	R	R	R	R
10.	Achuthan	Achuthan	Achuthan	Achuthan	Achuthan	Achuthan
11.	Sithik.M.A.	S	S	S	S	S
12.	Megha	M	M	M	M	M
13.	Ravi Kumar	R	R	R	R	R
14.	Abhishek	A	A	A	A	A
15.	Arinash	A	A	A	A	A

HOD, CSE

Professor & Head, Computer Science & Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074



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(Affiliated to VTU, Belgaum, Approved by AICTE, New Delhi. NAAC 'A' Grade Accredited)




DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
(NBA Accredited Department)

CERTIFICATE

*This is to certify that Mr/Ms/Mrs.....Anjali . S.....of....CSE.....Dept.
of.....R.R.C.E....., has attended 5 Days FDP on "MAD and Python Programming"
from 4th to 8th MAY 2021.*


Dr. S. Usha

Professor & Head, Dept of CSE


Dr. T. Chandrashekar
Principal, RRCE



RajaRajeswari College of Engineering

No.14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560 074
(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO VTU, BELAGAVI)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

Date: 01/05/2021

To,

All the Faculty.

Hereby informed that, Department of ECE is organizing five days faculty development program on **IOT - An Enabling Wireless Sensor Networks** on 10th to 14th May 2021. In this regards faculty of various departments are requested to register for this FDP on or before 25/04/2021 and make the event a grand success.


HOD/ECE

PROFESSOR & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENG
RAJARAJESWARI COLLEGE OF ENGG.
BENGALURU - 560 074

Chief Patrons

Sri. A. C. Shanmugam

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Principal

Dr. R. Balakrishna

RajaRajeswari College of Engineering

Organizing Secretary

Dr. L. Rangaiah, Professor & Head, Dept. of ECE

Faculty Advisors

Dr. Muruganandham A

Dr. Vijaya S M

Dr. Bhuvanewari P

Dr. R Gangadhar Reddy

Dr. SumithaManoj

Dr. Soby D

Dr. S R AarthiAvanthiga

Prof. Sreepathi V

Prof. Lokesh K

Prof. Sunitha R

Prof. Chaitanya S

Prof. Vani S Badiger

Prof. Ajay M

Prof. Haritha K S

Prof. Santosh Chavan

Prof. Santosh G

Prof. Pushpa M J

Prof. Namitha S

Prof. Deepika J

Prof. Gireesh H R

Prof. Ojaswini

Prof. Karthikeyan R

Prof. Suresh M

Prof. Abhilasha C P

Prof. Meghana H N

Prof. Vinodha. G

Prof. Karthik Nagarjun

Prof. Anudeep K

Prof. Abubakkarsithik M

Prof. Vignesh Mani

Prof. Gopinathan. T

Contact:

Dr. P. Bhuvanewari, Assoc. Prof. Dept of ECE, RRCE

Contact No: 9448394177

Dr. R Gangadhar Reddy, Assoc. Prof. Dept of ECE, RRCE

Contact No: 9492993588

Address for Communication:

DEPT. OF ELECTRONICS & COMMUNICATION ENGG.

RajaRajeswari College of Engineering,

Mysore road, Kumbalagodu,

Bengaluru - 560074.

Phone: +91-8028437124



RajaRajeswari College of Engineering

Approved by AICTE, New Delhi & Govt. of Karnataka,
Affiliated to VTU, Belagavi.

#14, Ramohalli Cross, Kumbalagodu, Mysore Road,
Bengaluru - 560074

**A FIVE DAY FDP
ON**

**IOT - An Enabling Wireless Sensor
Networks**

10th to 14th May 2021

**Organized by
Department of
ELECTRONICS & COMMUNICATION ENGG.**

RajaRajeswari College of Engineering,

Mysore road, Kumbalagodu,

Bengaluru - 560074

Ph: + 91-80-28437373, 28437375

Fax: +91-80-28437124

L. Rangaiah
PROFESSOR & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENGG.
RajaRajeswari College of Engineering,
Bengaluru - 560074

About RRCE: RajaRajeswari College of Engineering (RRCE), established in the year 2006 under the shelter of Moogambigal 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. RRCE is recognized by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka. The Institute offers six UG courses (Electronics & Communication, Civil, Computer Science, Information Science, Mechanical, Electrical & Electronics Engineering) and seven PG courses, Master of Technology in Digital Electronics & Communication, Communication Systems, Computer Science & Engineering, Computer Network Engineering, Thermal Power Engineering, Master of Business Administration & Master of Computer Applications, also 7 R&D programs. The college has unique well equipped laboratories, library, digital library computing and sports facilities along with other amenities. The college is located at a distance of 18 kms from Bengaluru City Railway Station on Mysore road.

About Department: Dept. of ECE is established in the year 2006 with an Intake of 60 and increased to 120 in the year 2013. The Department has organized many International/National Conferences, FDPs, Workshops in the past. The Department is well equipped with laboratories and has highly qualified and dedicated faculty members with vast experience and expertise in their respective domains. Department has a Research center approved by VTU.

Workshop Objectives: An IoT (Internet of Things) Wireless Sensor Network (WSN) refers to a group of spatially dispersed and dedicated sensors for monitoring, and recording the physical conditions of the environment, and collectively pass on such data through a wireless network to a internet-based location.

WSNs measures the environmental conditions like temperature, sound, pollution levels, humidity, wind speed and direction, pressure, etc.

This FDP gives the knowledge on recent advancements in the field of wireless sensor networks with IoT.

Date and Venue:

The FDP will be held during 10th - 14th September 2021 at Seminar Hall, Department of ECE, RRCE, Bengaluru - 560074.

Resource Persons:

1. Dr. L. Rangalah, Prof. & HoD, ECE, RRCE
2. Prof. Chaitanya S, Assistant Professor, ECE, RRCE
3. Prof. Vani S B, Assistant Professor, ECE, RRCE
4. Prof. Haritha K S, Assistant Professor, ECE, RRCE
5. Prof. Santhosh Chavan, Assistant Professor, ECE, RRCE

Targeted Participants:

- Faculty of various colleges

Registration Fee: Rs. 600/-

Registration fee to be paid to the following account.

Account Name: RajaRajeswari College of Engg.

Account No: 263701000032

IFSC: ICIC0002637

Scanned copy of registration form along with transaction details to rgangadhamreddy@rrce.org

A FIVE DAY FDP ON IOT - An Enabling Wireless Sensor Networks

10th to 14th May 2021

Organized by
Department of
ELECTRONICS & COMMUNICATION ENGG.
RajaRajeswari College of Engineering,
Mysore road, Kumbhalaguda,
Bengaluru - 560074
Ph: + 91-80-28437373, 28437375
Fax: +91- 80-28437124

REGISTRATION FORM

Name :
Department :
Institution :
Phone :
E-mail :

DECLARATION

I hereby declare that the above details are true to the best of my knowledge

Signature of
Participant

Signature of HoD/
Dean with seal

Date:
Place:



RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY DEVELOPMENT PROGRAMME ON " IOT - An Enabling Wireless Sensor Networks "

- **Date of FDP:** 10th to 14th May 2021
- **Venue:** Seminar Hall, Dept of ECE

Session	Topics covered	Resource Person
DAY-1 06.09.2021	Inaugural Function	Dr. Rangaiah L, Prof & Head ECE, RRCE
	Recent trends in communication with IoT	
	Funding agencies	
DAY-2 07.09.2021	Cyber Security	Prof. Chaitanya S
DAY-3 08.09.2021	Communication for IoT application	Prof. Vani S B
DAY-4 09.09.2021	New ideas & innovations in the technologies	Prof. Haritha K S
DAY-5 10.09.2021	Next generation wireless communication	Prof. Santhosh Chavan
	Valedictory Function	

- **FDP objective:** An IoT (Internet of Things) Wireless Sensor Network (WSN) refers to a group of spatially dispersed and dedicated sensors for monitoring, and recording the physical conditions of the environment, and collectively pass on such data through a wireless network to a internet-based location. WSNs measures the environmental conditions like temperature, sound, pollution levels, humidity, wind speed and direction, pressure, etc.
- This FDP gives the knowledge on recent advancements in the field of wireless sensor networks with IoT.
- **Total number of participants:** 24
- **FDP Outcomes:**
 - 24 faculty members of different disciplines have registered and taken benefit
 - Participants have gained the knowledge on writing a good technical//research paper.
 - Participants have sufficient knowledge about different topics in wireless sensor network
 - Sessions on patentable research guided the participants to recognized and work towards patentable research.
 - Awareness on different skill, tools and methodologies have helped the participants to further their research

[Signature]
PROFESSOR & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENG
RAJARAJESWARI COLLEGE OF ENGG
BENGALURU - 560 074



Moogambigai Charitable And Educational Trust
RAJARAJESWARI COLLEGE OF ENGINEERING

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(Affiliated to the VTU, Belagavi & Approved by AICTE, New Delhi)



ELECTRONICS & COMMUNICATION ENGINEERING



A Five Day FDP

On

IOT - An Enabling Wireless Sensor Networks

PARTICIPATION CERTIFICATE

This is to certify that **Mr. Santhosh G** of **Rajarajeswari college of engineering** has participated in a Five Day FDP on “IOT - An Enabling Wireless Sensor Networks”, organized by the Department of Electronics and Communication Engineering, from 10th to 14th May 2021.

Coordinator

Dr. R Gangadhar Reddy

Head of the Department

Dr. Rangaiah L

Principal

Dr. T. Chandrashekar



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ELECTRONICS & COMMUNICATION ENGINEERING

A Five Day FDP

On

IOT - An Enabling Wireless Sensor Networks

PARTICIPATION CERTIFICATE

This is to certify that **Mr. Suresh M.** of **Rajarajeswari college of engineering** has participated in a Five Day FDP on "IOT - An Enabling Wireless Sensor Networks", organized by the Department of Electronics and Communication Engineering, from 10th to 14th May 2021.

Coordinator
Dr. R Gangadhar Reddy

Head of the Department
Dr. Rangaiah L

Principal
Dr. T. Chandrashekar



RajaRajeswari College of Engineering

No.14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560 074

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FDP ON "IOT - An Enabling Wireless Sensor Networks"

10th to 14th May 2021

Attendance Sheet

S. NO	Name of the Faculty	Day-1 10-05-2021	Day-2 11-05-2021	Day-3 12-05-2021	Day-4 13-05-2021	Day-5 14-05-2021
1	Santosh .g	ghsb	ghsb	ghsb	ghsb	ghsb
2	Dr. Santa Vijaya	sl	sl	sl	sl	sl
3	Dr. Arathi Ananthaga	Au	Au	Au	Au	Au
4	Vani.S.Bodiger	R	R	R	R	R
5	V SRIPATHY	SR	SR	SR	SR	SR
6	AJAY M.	Aj.M.	Aj.M.	Aj.M.	Aj.M.	Aj.M.
7	Lokesh k	L	L	L	L	L
8	Pushpa MT	pushpa	pushpa	pushpa	pushpa	pushpa

9	Haritha. k	HE	HE	HE	HE	HE
10	Dr. B. Bhaskaran	HB	HB	HB	HB	HB
11	Vinoda G	HB	HB	HB	HB	HB
12	Vidya. C. N.	HB	HB	HB	HB	HB
13	Santosh Chavan	HB	HB	HB	HB	HB
14	Chaitanya. S	HB	HB	HB	HB	HB
15	P. R. Ganesan	HB	HB	HB	HB	HB
16	Meghana. H. N.	HB	HB	HB	HB	HB
17	Jyothi. A. P	HB	HB	HB	HB	HB
18	Ojaswini	HB	HB	HB	HB	HB
19	Dr. Sumithomarej	HB	HB	HB	HB	HB
20	M. Suresh	HB	HB	HB	HB	HB
21	Dr. D. SORYA	HB	HB	HB	HB	HB
22	Santha. R	HB	HB	HB	HB	HB

23	Srinivas.K					
24	Abhilekha.C.P.					
25						
26						
27						
28						
30						
31						
32						
33						
34						
35						


PROFESSOR & HEAD
 DEPT. OF ELECTRONICS & COMMUNICATION ENG
 RAJARAJESWARI COLLEGE OF ENGG
 BENGALURU - 560 074



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Five Day FDP

on

IOT - An Enabling Wireless Sensor Networks

10th to 14th May 2021

FEEDBACK ON FDP

Please tick the appropriate option.

1. How did you get to know about the FDP? Through:

(a) Friends (b) Brochure ☒ (c) College website (d) e-mail (e) Any other (mention) _____

2. Was the information in the FDP useful? ☒ Yes / No

3. Rate the following on a scale of 1 to 5

(1-Not satisfactory, 2-Satisfactory, 3-Good, 4-Very good, 5-Excellent)

Information content 4

Understandability 4

Relevance of the topic to you 5

Communication of the presenter 4

Level of interaction 4

Hands on training 4

4. Quality of Equipment/Ambience etc. : Good.

5. Do you want some more of such FDPs? ☒ Yes/No

If yes, suggest topics _____

6. Suggestions/comments if any

no comments

***** Thank you for your valuable feedback *****



RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi
Academic Year:




DEPARTMENT OF CIVIL ENGINEERING

Circular

Date: 12/5/2021

All the faculty are hereby informed that the CIVIL ENGINEERING department is organizing a faculty development program on **“SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING”** from 17-5-2021 to 21-5-2021. All the faculty members are encouraged to attend the program.

Head of the Department


Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalgodu, Bangalore
Department of Civil Engineering



'A' GRADE

Chief Patron:

Sri A.C. Shanmugham
Chairman, RR Group of Institutions

Sri A.C.S. ArunKumar
Vice-Chairman, RR Group of
Institutions

Patrons:

Sri Vijayanand S.
Executive Director, RR Group of
Institutions

Sri, C.N.Seetharam
Chief Executive officer, RRG

Sri, S.Jayabalan
Special officer, RR Group of
Institutions

Co Patrons

Dr.T.R.Gopalkrishnan Nair
Rector, RR Group of Institutions

Dr. Chandrashekar T
Principal, RRCE

Convener
Dr. V Ramesh
Professor and Head
Department of Civil Engineering

INVITATION

FOR

Faculty Development Program

ON

**“SUSTAINABLE CONSTRUCTION
MATERIALS AND RECENT
INNOVATIONS IN CIVIL
ENGINEERING”**

Inauguration

Date and Venue:

17/05/2021-21/5/2021

9.0 am – 10.0am

Dr. Sir M Visvesvaraya Seminar hall

By

Civil Engineering Department

Your's sincerely

**Dr. V Ramesh
Professor and Head
Department of Civil Engineering**

V. Ramesh
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bangalore-74

REGISTRATION FORM

5-DAY FDP ON

SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING

On

17th May -21th May , 2021

Registration fees: Nil

Limited seats are available. On
first come first serve basis.

1. Name _____
2. Designation _____
3. Department _____
4. Qualification _____
5. Institution _____
6. Address _____
7. Email _____
8. Tel: _____

Signature of the Participant

All are cordially invited

Note: Interested faculty members of RRCE may
please contact Prof Shalini G V MP for
registration

Registration is free

All communications may be made to:

Dr. V Ramesh

Organizing Secretary
Head of the Department

Department of Civil Engineering, RajaRajeswari
College of Engineering, Kumbalgodu,
Near Ramohalli Cross, Bangalore - 560074. E-Mail :
aravinadan@gmail.com
Mobile : 9449995110

5-DAY FDP ON

SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING

On

17th May -21th May , 2021



Organized By

Department of Civil Engineering

RAJARAJESWARI COLLEGE

OF ENGINEERING

(Affiliated to Visvesvaraya Technological
University, Belgaum & Recognized by the
AICTE, New Delhi)

#14, Ramohalli Cross, Kumbalgodu,
Mysore Road, Bengaluru - 560074.

V. Ramesh
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING

5 day Faculty Development program on “SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING”

Program Report

Date: 21/5/2021

Duration : 5 Days

Target of participant : FACULTY

No. of Participants: 15

Program objectives: The FDP is being organized for faculty to get acquainted with new materials and construction technologies to incorporate cutting-edge and economically viable, sustainable solutions, thereby increasing profitability, decreasing construction time and overall impact on the built environment

Program outcomes:

Examine the properties of common construction materials and understand the transition toward sustainable materials, along with their behaviors under different environments, short- or long term. Assess material properties, mechanical tests and quality control tests for, concrete, masonry, glass, plastics, iron and steel, paints and protective coatings, bituminous products, gypsum products, resilient flooring, and carpeting. Appraise appropriateness and sustainability of materials for construction projects. Select the sustainable materials based on the international standard practices and certification. Explain about innovative sustainable construction materials and their uses in construction.

Head of the Department

V. Jay
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING

5 day Faculty Development program on “SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING”

Event schedule

Date	10.00 AM to 1.00 PM	1.00 to 2.00PM	2.00 PM to 4.00 PM
17/05/2021	Session 1: Concepts of Water Proofing. Resource Person: Mr.Chaitanya	Lunch	Session 2: Self-healing Concrete. Resource Person: Mr.Naveen
18/05/2021	Session 3: Recycled Plastic. Resource Person: Ms.ramya	Lunch	Session 4: Modular Construction Resource Person:
19/05/2021	Session 5: identify potential safety hazards, Resource Person: Mrs.babitha	Lunch	Session 6: Reclaimed Bricks Resource Person: Mr.bhaskar
20/05/2021	Session 7: smart buildings with embedded sensors Resource Person: Mr.Ajit Sabnis	Lunch	Session 8: wind induced vibration & control, Resource Person: Mr.Chaitanya
21/05/2021	Session 9: smart dynamic concrete Resource Person:Mr.govardhan	Lunch	Interactive session., Feedback and Valedictory Function


Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 01/05/2021 Event Name: Sustainable Construction material & recent innovation in civil Engineering

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Resources provided at this event are relevant to you

4. You are likely to use these resources in the future

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Presentations were interesting

6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. There were opportunities to network with other stakeholders

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. The venue was suitable

10. The venue was easy to get to

11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. Jay
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 21/05/21 Event Name: sustainable construction materialable
Design innovation in civil engg

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Excellent	Very good	Good	Satisfactory	Poor
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Excellent	Very good	Good	Satisfactory	Poor
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. The venue was suitable

10. The venue was easy to get to

11. Refreshments were suitable

12. Other comments

V. Jayaram
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

THANK YOU FOR YOUR FEEDBACK

RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 21-05-2021 Event Name Sustainable Construction Materials & Recent innovations in Civil Engineering

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				

2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
	<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>				

3. Resources provided at this event are relevant to you

4. You are likely to use these resources in the future

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>				
	<input checked="" type="checkbox"/>			

5. Presentations were interesting

6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
	<input checked="" type="checkbox"/>			

7. There were opportunities to network with other stakeholders

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

9. The venue was suitable

10. The venue was easy to get to

11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

Department of Civil Engineering
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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 21/05/2021

Event Name: Sustainable construction materials and recent innovations in civil engineering

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
✓				
✓				

2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
	✓			
	✓			

3. Resources provided at this event are relevant to you

4. You are likely to use these resources in the future

Excellent	Very good	Good	Satisfactory	Poor
✓				
✓				

5. Presentations were interesting

6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
	✓			

7. There were opportunities to network with other stakeholders

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
✓				
	✓			
	✓			
NIL				

9. The venue was suitable

10. The venue was easy to get to

11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. Prasad
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 21-05-21 Event Name Sustainable Construction Material & recent innovations in Civil Engineering

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
	<input checked="" type="checkbox"/>			
	<input checked="" type="checkbox"/>			

2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>				
	<input checked="" type="checkbox"/>			

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		<input checked="" type="checkbox"/>		

5. Presentations were interesting

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Excellent	Very good	Good	Satisfactory	Poor
	<input checked="" type="checkbox"/>			

7. There were opportunities to network with other stakeholders

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
	<input checked="" type="checkbox"/>			
			<input checked="" type="checkbox"/>	
		<input checked="" type="checkbox"/>		

9. The venue was suitable

10. The venue was easy to get to

11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. V. V.
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 21/05/21 Event Name Sustainable Construction material and Recent innovation in civil engg

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>				
	<input checked="" type="checkbox"/>			

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	<input checked="" type="checkbox"/>			

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10. The venue was easy to get to

11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

V. J. S.
Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

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DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 21/05/2021 Event Name: Sustainable Construction Material & Recent Innovation in Civil Engineering

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
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THANK YOU FOR YOUR FEEDBACK


Professor S. HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.

Affiliated to the Visvesvaraya Technological University, Belagavi



DEPARTMENT OF CIVIL ENGINEERING FEEDBACK FORM

Date: 21/05/2021 Event Name Sustainable Construction Material & Recent Innovation In CIVIL ENGRG

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you

Excellent	Very good	Good	Satisfactory	Poor
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<input checked="" type="checkbox"/>				

2. You are likely to use this information in the future

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11. Refreshments were suitable

12. Other comments

THANK YOU FOR YOUR FEEDBACK

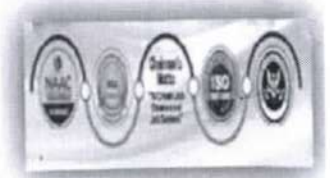
Professor S. K. S.
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING

(Affiliated to the Visvesvaraya Technological University, Belgaum)

#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru- 560074.



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that Mr/Ms/Dr/Mrs KAVYA. M. P. M. of
RRCE, B'lore has successfully completed the 5-DAY FDP ON SUSTAINABLE
CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING
from 17th to 21st May 2021.

HOD

Dr. V Ramesh

Principal

Dr. T. Chandrashekar



RajaRajeswari College of Engineering

No.14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560 074
(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO VTU, BELAGAVI)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

Date: 01/06/2021

To,

All the staff.

Hereby informed that, Department of ECE is organizing two day professional development program on **Advanced Communication Lab Experiments** on **02nd to 03rd June 2021**. In this regards all the staff faculty are requested to attend for this professional development program.



HOD/ECE

PROFESSOR & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENG
RAJARAJESWARI COLLEGE OF ENGG.
BENGALURU - 560 074



RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

Professional Development Programme on "Advanced Communication Lab Experiments"

- **Date of FDP:** 02nd to 03rd June 2021
- **Venue:** VLSI Lab, Dept. of ECE
- **Resource Person:**
 - Mr. Ravi Kumar T, Technilab Pvt. Ltd. Bangalore
 - Dr. Bhuvaneswari P, Associate Professor, ECE Dept., RRCE
- **FDP objective:** To make the faculty proficient in lab experiments
- **Total number of participants:** 10
- **FDP Outcomes:**
 - Participants came to know how to determine the characteristics and response of microwave waveguide, microstrip antennas and devices and compute the parameters associated with it.
 - Participants came to know how to design and test the digital and analog modulation circuits and display the waveforms and Simulate the digital modulation systems and compare the error performance of basic digital modulation schemes.
 - Participants learnt about the characteristics of optical fiber and the various losses

C. Raveesh

PROFESSOR IN ECE
DEPT. OF ECE, RAJARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560074

RajaRajeswari College of Engineering

No.14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560 074

(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO VTU, BELAGAVI)

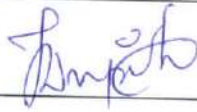
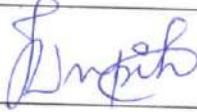




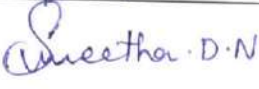
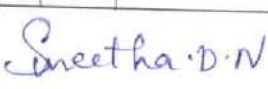








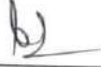


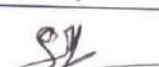
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Two Day Professional Development Program on

Advanced Communication Lab Experiments

02nd to 03rd July 2021

Attendance Sheet

S. NO	Name of the Faculty	Day-1 02-06-2021	Day-2 03-06-2021
1	DEEPIKA J		
2	V. SREEPATHI		
3	Dr. A. Mungeremudhan		
4	Sumeetha D N		
5	Chaitra. C.M		
6	Dr-D. SOBYA		
7	Dr R. Ganesan R. M		
8	Dr. P. Bhraman		
9	Lokesh k		
10	Greenivas K.R.		
11			
12			


PROFESSOR & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION ENG
RAJARAJESWARI COLLEGE OF ENGG.
BENGALURU - 560 074



DEPARTMENT OF CIVIL ENGINEERING

Circular

Date: 1/6/2021

All the Staff are hereby informed that the CIVIL ENGINEERING department is organizing a Staff development program on **“SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING”** from 7/6/2021 to 11/6/2021. All the Staff members are encouraged to attend the program.


Head of the Department

Professor & HOD
Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalgodu, Bangalore
Department of Civil Engineering



'A' GRADE

Chief Patron:

Sri A.C. Shanmugham
Chairman, RR Group of Institutions

Sri A.C.S. Arunkumar
Vice-Chairman, RR Group of
Institutions

Patrons:

Sri Vijayanand S.
Executive Director, RR Group of
Institutions

Sri, C.N.Scetharam
Chief Executive officer, RRG

Sri, S.Jayabalan
Special officer, RR Group of
Institutions

Co Patrons

Dr.T.R.Gopalkrishnan Nair
Rector, RR Group of Institutions

Dr. Chandrashekar T
Principal, RRCE

Convener
Dr. V Ramesh
Professor and Head
Department of Civil Engineering

INVITATION

FOR

Staff Development Program

ON

**"SUSTAINABLE CONSTRUCTION
MATERIALS AND RECENT
INNOVATIONS IN CIVIL
ENGINEERING"**

Inauguration

Date and Venue:

7/6/2021-11/6/2021

9.0 am – 10.0am

Dr. Sir M Visvesvaraya Seminar hall

By

Civil Engineering Department

Your's sincerely

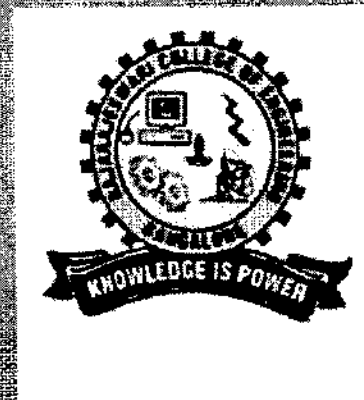
Dr. V Ramesh
Professor and Head
Department of Civil Engineering
Rajarajeswari College of Engineering
Bengaluru-74

REGISTRATION FORM
5-DAY SDP ON
SUSTAINABLE CONSTRUCTION
MATERIALS AND RECENT
INNOVATIONS IN CIVIL
ENGINEERING
On
7/6/2021 to 11/6/2021

Registration fees: Nil

Limited seats are available. On
 first come first serve basis.

5-DAY SDP ON
SUSTAINABLE CONSTRUCTION
MATERIALS AND RECENT
INNOVATIONS IN CIVIL
ENGINEERING
On
7/6/2021 to 11/6/2021



1. Name _____
 2. Designation _____
 3. Department _____
 4. Qualification _____
 5. Institution _____
 6. Address _____
 7. Email _____
 8. Tel. _____

All are cordially invited

Note: interested faculty members of RRE may
 please contact Abhishek Gowda S.D for
 registration.

Registration is free

All communications may be made to:

Dr. V. Ramesh

Organizing Secretary

Head of the Department

Department of Civil Engineering, Rajarajeswari

College of Engineering, Kumbalagoda,

Near Ramohalli Cross, Bangalore - 560074

Dr. V. Ramesh

Mobile: 9449995110

Signature of the Participant

Organized By

Department of Civil Engineering

RAJARAJESWARI COLLEGE

OF ENGINEERING

(Affiliated to Jyoti Basava Technological
 University, Bengaluru & Recognized by the
 AICTE, New Delhi)

#14, Ramohalli Cross, Kumbalagoda,
 Mysore Road, Bangalore - 560074

ABOUT THE INSTITUTION

Rajarajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses viz. M.Tech (Digital Electronics and communication, Thermal Engineering and Computer science & Engineering), MBA & MCA. RRCE has four R&D centers. All the Departments have qualified staff and well equipped laboratories with state of the art equipment. The college has library and information center with very good collection, computer centers and sports facilities along with other amenities. The college is located by the side of Bengaluru-Mysore road and is 18km from Bangalore City Railway Station.

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering was established in the academic year 2009-10 with an intake of 60. The intake has been raised to 120 from 2014. The Main Vision of the

Department is to produce Civil Engineers with sound technical knowledge. The Department has full-fledged, experienced and dedicated teaching faculty. The Department is having fully equipped laboratories with sophisticated instruments and offers consultancy and testing services in the field of Civil Engineering.

SDP OBJECTIVES

This SDP will help the faculty members to redefine their horizons in recent advancements in Civil Engineering which require sustainable infrastructure construction. It will also enhance better teaching ability with respect to sustainable development in Civil Engineering.

DATE and VENUE

The SDP will be held on 7/6/2021 to 11/6/2021 (10:00am to 4:00 pm) at GVE Seminar hall, RRCE, Bengaluru-560074.

Participants:

Staff who are handling Civil engineering subjects are invited to participate in the SDP.

Chief Patron

Dr. A.C. Shanmugam, B.A.L.L.B., FIMSA, FRCP
S(Glasgow, U.K)
Chairman, RajaRajeswari Group of Institutions, Bengaluru

Patrons

Sri. A.C.S. Arun Kumar, B.Tech (Hons.),
I.MISTE, M.IET (UK), LMCSL,
Vice-Chairman, RajaRajeswari Group of Institutions, Bengaluru

Dr. Vijayanand S, M.Tech, Ph.D
Executive Director, RajaRajeswari
Group of Institutions, Bengaluru

Sri. S. Jayabalan
Special Officer, RajaRajeswari
Group of Institutions, Bengaluru

Sri. Seetharam (Retd IAS Officer)
CEO, RajaRajeswari Group of Institutions,
Bengaluru

Chairman

Dr. Chandrasekar.T

Principal, RRCE

Co-Chairman

Dr. Balakrishna R.
Dean, RRCE

ORGANIZING COMMITTEE

All Staff members of C.V.E. Dept.



RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Vignansaraya Technological University, Belagavi



DEPARTMENT OF CIVIL ENGINEERING

5 day Staff Development program on "SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING"

Program Report

Date: 11/6/2021

Duration: 5 Days

Target of participant: Staff

No. of Participants: 5

Program objectives: The SDP is being organized for Staff to get acquainted with new materials and construction technologies to incorporate cutting-edge and economically viable, sustainable solutions, thereby increasing profitability, decreasing construction time and overall impact on the built environment

Program outcomes:

Examine the properties of common construction materials and understand the transition toward sustainable materials, along with their behaviors under different environments, short- or long term. Assess material properties, mechanical tests and quality control tests for, concrete, masonry, glass, plastics, iron and steel, paints and protective coatings, bituminous products, gypsum products, resilient flooring, and carpeting. Appraise appropriateness and sustainability of materials for construction projects. Select the sustainable materials based on the international standard practices and certification. Explain about innovative sustainable construction materials and their uses in construction.


Head of the Department
Professor

Department of Civil Engineering
RAJARAJESWARI COLLEGE OF ENGINEERING
Bengaluru-74

FEEDBACK FORM -

Date: 11/6/21

Event Name Sustainable construction materials & recent innovation. incivil

This survey enables you to provide feedback on the value and outcomes of the event you have just attended. [Insert appropriate questions relating to the event to inform your evaluation]

Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you
2. You are likely to use this information in the future

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Resources provided at this event are relevant to you
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Presentations were interesting
6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. There were opportunities to network with other stakeholders

Excellent	Very good	Good	Satisfactory	Poor
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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9. The venue was suitable
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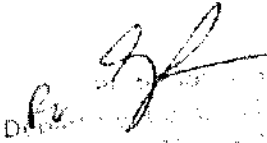
12. What are the two most useful things you got out of the event?

13. How could the event be improved?

14. Please identify any specific priority areas for you that could be the focus at future events.

15. Other comments

THANK YOU FOR YOUR FEEDBACK


 Dr. Rajendra K. Singh
 Director, Centre for Engineering
 Innovation & Entrepreneurship
 IIT Bombay

FEEDBACK FORM -

Date: 4/6/21

Event Name Sustainable construction materials
Eg recent innovation in civil

This survey enables you to provide feedback on the value and outcomes of the event you have just attended. [Insert appropriate questions relating to the event to inform your evaluation]
 Please indicate the extent to which you agree with the following statements

1. Information provided at this event is relevant to you
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Excellent	Very good	Good	Satisfactory	Poor
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5. Presentations were interesting
6. You would recommend this event to others

Excellent	Very good	Good	Satisfactory	Poor
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. There were opportunities to network with other stakeholders

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8. Overall, the event was worthwhile

Excellent	Very good	Good	Satisfactory	Poor
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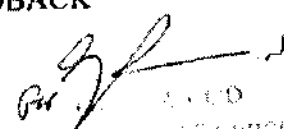
12. What are the two most useful things you got out of the event?

13. How could the event be improved?

14. Please identify any specific priority areas for you that could be the focus at future events.

15. Other comments

THANK YOU FOR YOUR FEEDBACK


 Dr. J. P. O'Donnell
 Director of Engineering
 RAAFL
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RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi.
Affiliated to the Visvesvaraya Technological University, Belagavi



DEPARTMENT OF CIVIL ENGINEERING

5 day Staff Development program on "SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING" Event schedule

Date	10.00 AM to 1.00 AM	1.00 to 2.00PM	2.00 PM to 4.00 PM
7/6/2021	Session 1: Concepts of Water Proofing Resource Person: Mr.Chaitanya	Lunch	Session 2: Self-healing Concrete Resource Person: Mr.Naveen
8/6/2021	Session 3: Recycled Plastic Resource Person: Ms.ramya	Lunch	Session 4: Modular Construction Resource Person:
9/6/2021	Session 5: identify potential safety hazards. Resource Person: Mrs.babitha	Lunch	Session 6: Reclaimed Bricks Resource Person: Mr.bhaskar
10/6/2021	Session 7: smart buildings with embedded sensors Resource Person: Mr.Ajit Sabnis	Lunch	Session 8: wind induced vibration & control. Resource Person: Mr.Chaitanya
11/6/2021	Session 9: smart dynamic concrete Resource Person: Mr.govardhan	Lunch	Interactive session, Feedback and Valedictory Function

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Date: 11/6/21
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(Affiliated to the Visvesvaraya Technological University, Belgaum)
#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru- 560074.



DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This is to certify that Mr/Ms/Dr/Mrs SHARADA S of RRCE BANGLORE has successfully completed the 5-DAY SDP ON SUSTAINABLE CONSTRUCTION MATERIALS AND RECENT INNOVATIONS IN CIVIL ENGINEERING from 7/6/2021 to 11/6/2021.

HOD
Dr.V Ramesh

Principal
Dr. T.Chandrashekar