



Sri. A. C. Shanmugam
Chairman,

RajaRajeswari Group of Institutions



Sri. A. C. S. Arunkumar
Vice - Chairman,

RajaRajeswari Group of Institutions

TWO DAY FACULTY DEVELOPMENT PROGRAM ON SOFTWARE APPLICATION LABORATORY

**6th Semester subject 15CVL67
as per CBCS scheme**

FDP Resource Persons

Rajaram.B. N	: Director, Design key Engg
Vinay	: PMP, Design Key Engg
Dr. B.C.Kumar Raju	: Assoc. Prof, ACSE, Bengaluru
K.Shankara Narayana	: Structural Engineering Education
Jayasimha. N	: Asst. Prof, GEC, Ramanagara
Dr. Manohar.D.R	: Assoc. Prof, RRCE, Bengaluru
Anup.D.P	: Asst. Prof, RRCE, Bengaluru

Co-ordinators

Dr. Allamaprabhu	: 9844243511
Prof. Gangadhar N	: 9986868929
Prof. Nageshwara Gupta	: 9483474574



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Organising Committee

Mrs. Malarvizhi. M.C	Mr. H. Vijay Kumar
Mrs. Arpitha.K	Mr. Gokul. G
Mr. Kamalakar G.K	Ms. Veena. N
Mr. Abhish M.S	Ms. Sahana Sastry
Ms. Ashwini L.K	Mrs. Babitha. M
Mrs. Vindyashree.M.P	Mrs. Shalini. G. V

Day 1:

Session -1:

- Analysis of plane trusses, continuous beams, portal frames.
- 3D analysis of multistoried framed structures.

Session – 2:

- Hands on experience on analysis of trusses, continuous beams and multistoried structures.

Day 2:

Session – 3:

- Exercise on project planning.
- Scheduling of a building project using project management software.

Session – 4:

- GIS application using open source software
- Excel spread sheets for the design of singly and doubly reinforced beams, design of one way and two way slabs.
- Computation of earth work, design of horizontal curve, design of super elevation using Excel.

Advisory Board

Dr. K.B. Prakash, Principal, Govt Engg College, Haveri
Dr. Neena S.P. Panandikar, Principal, DBIT, Fatorda, Goa
Dr. M.U. Aswath, ACCE Chairman, HOD, BIT, Bengaluru
Dr. Mohd. Ilyas Anjum, HOD, GEC, Ramanagara
Dr. Ramesh S Manoli, Professor, GAT, Bengaluru
Dr. P. Shiva Keshava Kumar, HOD, JIT, Davanagere
Dr. D. L. Venkatesh Babu, HOD, ACS, Bengaluru
Dr. C. M. Ravi Kumar, UBDT, Davanagere



RajaRajeswari College of Engineering

(Affiliated to VTU, Belagavi, Recognized by the Govt. of Karnataka, Approved by AICTE, New Delhi)
 #14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru - 560 074



TWO DAY FACULTY DEVELOPMENT PROGRAM ON SOFTWARE APPLICATION LABORATORY

**6th Semester subject 15CVL67
as per CBCS scheme
on**

8th, 9th Feb – 2018

Organized By

**Department of Civil Engineering
RAJARAJESWARI COLLEGE
OF ENGINEERING**

in association with



EFFICIENT ENGINEERS



ABOUT THE FACULTY DEVELOPMENT PROGRAM

We at The Department of Civil Engineering of Rajarajeswari College Of Engineering are planning to organize Two Day Faculty Development Program regarding teaching methodologies the new subject introduced in 6th semester, "SOFTWARE APPLICATION LAB-15CVL67". The subject is being introduced for the first time under CBCS with varied topics included. Hence it is essential to have a detailed idea about procedure to teach the subject effectively.

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 in having fully equipped laboratories with sophisticated instruments and offers consultancy and testing services in the field of Civil Engineering.

COURSE OBJECTIVES: Provide Faculty with a basic understanding achieve skill sets to prepare about software applications. Understand the details of analysis and design of different buildings. Visualize the completed form of the building and the Intricacies of construction based on the engineering drawings. Understand the Quantity of Contents to be Taught.

COURSE OUTCOMES: After studying this course, Faculty will be able to Gain a broad understanding of analysis and designing of buildings. To use software skills in a professional set up to automate the work and thereby reduce cycle time for completion of the work.

Participants	Registration fee
Faculty	600/-
From Industry	800/-

Note:

Confirmation of participation: Jan 27, 2018
No TA/DA would be provided to participants

Chief Patrons

Sri A.C. Shanmugham, Chairman,RRGI

Sri A.C.S. Arun Kumar, Vice-Chairman, RRG

Patrons

Dr. Vijayanand S, Executive Director, RRG

Sri S. Jeyabalan, Special Officer, RRG

Dr. T.R. Gopalkrishnan Nair, Rector, RRG

Convener

Dr. R. Balakrishna, Principal, RajaRajeswari College of Engineering, Bengaluru.

Organizing Secretary

Dr. H.S. Govardhana Swamy, Professor & Head -Civil Engineering, Bengaluru.

Expert speakers from Industry and academia would be delivering the teaching methodologies.

REGISTRATION FORM

1.Name_____

2.Designation_____

3.Department_____

4.Qualification_____

5.Institution_____

6.Address_____

7.Email_____

8.Tel:_____

Weather institute is AICTE recognized - Yes/No
Accommodation required - Yes/No

Registration Fee details:

Cash/ Draft No:_____ Date:_____

Amount :Bank:

The information provided herewith is true to the best of my knowledge; I agree to abide by the rules and regulations governing the faculty development program.

Signature of the Participant

Signature of Head of the Institute with seal

Application form complete in all respects should be sent to:
Address: No.14, Ramohalli Cross, Mysore Rd, Bengaluru, Karnataka- 560074
Tel: +91-80-2843 7124 / +91-80-28437375
Fax: +91-80-2843 7373, @: gangadhar.acs74@gmail.com