

Moogambigai Charitable and Educational Trust

RAJARAJESWARI COLLEGE OF ENGINEERING

(Affiliated to the Visvesvaraya Technological University, Belgaum Recognized by the AICTE, New Delhi) #14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

Phone: +91-80-28437124, +91-28437375, Fax: +91-80-2843
7373, www.rrce.org

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



NEWS LETTER

(01/08/2015-15/05/2016)

Institutional Mission

"To Consistently strive for academic excellence to become a leading Institution in the field of Engineering, Management and Research To produce competent and ethically sound manpower for the benefit of industry, society, nation and the global environment."

Institutional Vision

"To emerge as one of the top ten technical and management institution in the state of Karnataka by 2018"

Departmental Mission

"Developing Center of excellence to offering broad need based curricula, innovative teaching and research in the field of Information Science and Engineering and to produce competitive, self disciplined Information Technology"

Departmental Vision

"To Emerging as a leading department in the field of information science and Engineering, in the state of Karnataka by providing Quality of education 2018"

DEPARTMENTAL ACTIVITIES (2015-2016)

- Dept. Association - VO'ISE' Organized One day workshop On “ Android And its Applications” on 31st Oct 2015 by resource person Mr. Ranjith Naidu V, AcadGild, Bengaluru.
- Dept. Association - VO'ISE' Organized One day workshop On “Technical Career Guidance Workshop” on 4th Jan 2016, Talk given By Ravikumar H, MD, Cluster Info solutions, Bengaluru.
- Dept. Association - VO'ISE' Organized Two days workshop on"Networking Security, Protocols Design and Simulation Software" on 25th and 26th Feb, 2016 by Resource Persons Mr. Bilal Ahmed, Mr. Mohammad Asif, Mr. Amith, Mr. Abhinav, LiveWire.
- **Dr. R. BalaKrishna** has organized VGST Programme-Seed Money To Young Scientists for Research(SMYSR) on 04th Mar 2016, Topic” Enhancement of the clustering based routing protocol for the communication in sensor nodes of the WSN”,Total VGST Grant Sanctioned (in Lakhs): 4.00/- Lakhs.
- Dept. Association - VO'ISE' Organized Expert Lecture on “**Big Data** “On 7th April, 2016 by Dr. N K Srinath, Professor, Dept. of CSE, RVCE, Bengaluru.
- FARWELL DAY 2016 Conducted on 29th Apr 2016.
- Funded Project for the Year 2015-2016, Dr. R. BalaKrishna (Supervisor), Sneha B, Gayathri A(8th Semester Students) Identification of Diabetics using Piezoelectric sensor:VGST-Technology Related Innovative Projects(TRIP) Year 2016(Ongoing), Grant:Rs 40000.00/-
Mr.Nandish U.G(Supervisor), Amith A.Rajolkar, Vinay Kumar B S, Prajwal A C8th Semester Students)-Using Android Phones in Electoral and Voter Registration Campaigns: KSCST, Year 2016(ongoing), Grant: Rs3000.00/-
- Dept. Association - VO'ISE' Organized one day “PROJECT EXHIBITION FOR FINAL SEM STUDENTS” on 19th May 2016.

FACULTY PUBLICATIONS

International Journal/Conference

- **Dr.Balakrishna R**, Smart Grid: Advanced Meeting Infrastructure (AMI) & Distribution Management Systems (DMS) IJCSE, Vol-3, Issue-11 E-ISSN: 2347-2693, Nov-2015.
- T.N. Anitha and **Dr. Balakrishna.R**, “Content Based Load Balancing Using Web Clusters & Service Rankings”, Artificial Intelligence and Evolutionary Computations in Engineering Systems, Vol: 394, Issue: 1 , Page No: 1-10 ,Feb 2016. ISBN: 978-81-322-2654-3 (Print) 978-81-322-2656-7 (Online) Springer Journal.
- K. Venkata Rao, **R. Balakrishna**, “Data Mining for Healthy Tomorrow with the Implementation of Software Project Management Technique” , Artificial Intelligence and Evolutionary Computations in Engineering Systems, Vol: 394, Issue: 1 , Page No: 345-356 ,Feb 2016. ISBN: 978-81-322-2654-3 (Print) 978-81-322-2656-7 (Online) Springer Journal.
- Selvi M, **Dr.R.Balakrishna**, “Enhanced Features Of Neighbor Aware Multicast Routing Protocol”, International Journal of Advanced Research in Computer and Communication Engineering, Vol:5, Issue :4 , Page No: ISSN: 2319 5940, Jan 2016.Impact Factor :4.87.



- Rajesh K.S, **Dr.R.Balakrishna**, “Minimize the data packet dropping by malicious nodes in MANET using FSR Algorithm”, International Journal of Applied Engineering Research, Vol:10 Issue: 44 , Page No:31462-31468l, 2015, ISSN: 0973-4562.
- K.Venkat Rao, **Dr.R.Balakrishna**, “ Study on Six Sigma Approach to improve the quality of process outputs in business process in small and medium level Software Firms”, International Journal of Applied Engineering Research, Vol:10 Issue: 44 ,Page No:31532-31538, 2015, ISSN: 0973-4562
- **Mr. Ananda Kumar K S, Dr.Balakrishna R**, “Study on Energy Efficient Routing Protocols in Wireless sensor Networks”, IJARCSSE, page: 702-705, Volume 5, Issue 11, Nov 2015.
- **Mr. Ananda Kumar K S**, Presented paper on “Development of Energy Efficient and Data Collection Protocol for heterogeneous wireless sensor networks” in 2nd International Conference on Power, Circuit and Information Technologies(ICPCIT-2016), 20th-21st May, 2016, at RRCE, Bangalore.
- **Mr. Ananda Kumar K S**, Attended a one day Workshop on Emerging field “cognitive Software Defined Radio & Open Source Software Programming” on 7th Jan 2015 at Dr. AIT, Bangalore.
- **Mr. Ananda Kumar K S**, Attended a one Week FDP on” Bridge Gap-VTu-CBCS Scheme “ from 18th july to 25th july 2016 at RRce, Bangalore,
- **Mr. Ananda Kumar K S**,Attended a Three Days workshop on “Research Methodologies and Latex” organized by VTU e-Learning Centre, Mysore from 29th to 31st aug , 2015 at Acharya Institute of Technology, Bangalore.
- **Mr. Ananda Kumar K S**, Attended a Two days Training on ISO 9001:2008 Internal Auditor course held at RRCE, Bangalore by Global Quality Training and Assessors Pvt. Ltd on 10th and 11th May 2016.



- **Mr. Kiran Gowda,** Resource person for FDP on Computer Organization in ECE dept, RRCE on june 2016.
- **Neha Singhal And Dr.YS KumaraSwami** presented a paper on “ a survey on dynamic web service composition methods and related techniques”, in 1st International conference on “ Innovation in computing and networking” on 12,13 May, 2016.
- **Neha Singhal,** Attended a One Week FDP on “Bridge Gap-VTU-CBCS Scheme” from 18th july to 25th july 2016 at RRCE, Bangalore
- **Neha Singhal,** Attended a Three Days workshop on “ Research Methologies and Latex” Organized by VTU e-Learning Centre, Mysore, 2016 at Don Bosco Institute of Technology, Bangalore.
- **Neha Singhal,** Attended Eight days FDP on “ SUSTAINABLE RESEARCH” at RRCE, Bangalore on 18 to 27 jan 2016.
- **Ashwini R Malipatil,** Attended a Three Days workshop on “ Networking, Protocol Designs and Simulation Software’s “ on 25th and 26th Feb 2016.
- **Veda D and Suma B** “ Automatic road extraction from satellite image using Convolution overlap add method”, in I st International conference on” Innovation in computing and networking “ on 12,13 May,2016.
- **Veda D,** Attended Eight **days** workshop on “Sustainable Research” ,at RRCE,Banglore. 18-1-2016 to 27-1-2016.



- **Veda D**, attended 5 days FDP on “Bridging gap to CBCS VTU system “ organized by ECE dept RRCE Bangalore, on 6th to 10 June, 2016.
- Vinutha.h, Presented a paper on”**Analysis of video content through object search using SVM classifier**” in 5th International conference on “Innovations in Electronics & communication Engineering (ICIECE-2016)” at ECE Department ,Gurunanak institute of technology ,Hyderabad on july 8th to 9th 2016.
- C Published a paper on “**Privacy Preserving Mobile Access of Health data Enabling Auditability**” in the International conference ICICN-1 at CSE Department, Rajarajeswari College of Engineering on 12th April 2016.
- Vinutha.H, Published a paper on “**An Effective Approach for Cyberbullying Detection and Avoidance**” in the Interational Journal of Innovative Research in Computer and Communication Engineering held on April 2016.
- Vinutha.H, Attended a six days workshop on “**Knowledge Discovery And Applications**” held during 18th to 23rd january 2016 at SJB Institute of Technology ,Bangalore
- Vinutha.H, Attended a one days international workshop on “Nanostructured, Smart And Electronic Materials” held during 8th january 2016 at Rajarajeswari College of Engineering ,Bangalore
- **Mr.Prasad A.Y**, Attended Eight days FDP on “ SUSTAINABLE RESEARCH” at RRCE, Bangalore on 18 to 27 jan 2016.
- **Mr.Prasad A.Y**, Attended a One Week FDP on” Bridge Gap-VTu-CBCS Scheme “ from 18th july to 25th july 2016 at RRce, Bangalore.
- **Mr. Dineshkumar M**, Attended international workshop on Nano structured, Smart and Electronic Material(IWNSE-2016) in RRCE.
- **Mr. Dineshkumar M**, Participated eight days faculty development program on “Sustainable Research” conducted by ECE department, RRCE.

STUDENT ACTIVITIES

- Yogesh, Ranjith, Anurag, Pavan R for the event Counter strike Final year Won 2nd Prizes In College Cultural Fest “Kalasourabha-2k16” Conducted on March 2016 at RRCE, Bengaluru.
- Yadavendra singh For the event NFS most wanted Final year Won 2nd Prizes In College Cultural Fest “ Kalasourabha-2k16” Conducted on March 2016 at RRCE, Bengaluru.
- Monisha C for the event Mehendi competition 2nd year Won 1st Prizes In College Cultural Fest “ Kalasourabha-2k16” Conducted on March 2016 at RRCE,Bengaluru.
- Kavyashree for the event Mehendi competition 2nd year Won 2nd Prizes In College Cultural Fest “ Kalasourabha-2k16” Conducted on March 2016 at RRCE, Bengaluru.
- Nikhil for the event Solo Dance 3rd year Won 2nd Prizes In College Cultural Fest “ Kalasourabha-2k16” Conducted on March 2016 at RRCE, Bengaluru.
- Project Title - “GSM Based Fire Detection and Control in Buses” by Kiran Kumar, Deepu K S, Raghavendra H C, Sneha C Guided By Dr. Balakrishna R. Participated in Project Exhibition
- Project Title – “Energy Efficient, Delay Aware and Lifetime Balancing Data Collection Protocol for WSN” by Divya Shree R, Preethi L, Sachin S, Sandesh C Guided By Mr. Ananda Kumar Participated in Project Exhibition.
- Project Title – “Decentralized Access Control With Anonymous Authentication Of Data Stored In Clouds” By B S Shreyas, Sandeepa Shetty, Shrikala, Shruthi Guided By Mr. Nandish U G, Participated in Project Exhibition.
- Project Title – “Hybrid Model For Weather Forecasting Using Ensemble Of Neural Networks And Mutual Information” By Kiran M, Kavitha R, Rahul Bhat R, Rajith V Gopal Guided By Mr.Naveen L Participated in Project Exhibition.
- Project Title – “Medical Image Fusion Based On Joint Sparse Method” By Kusuma D G, Raghavendra S, Shruthi S V, Venkatesh A Guided By Mr. Kiran Gowda C Participated in Project Exhibition.
- Project Title - “Energy Efficient Clustering In WSN Using Fuzzy Logic” By Sangeetha M, Shruthi Janardhan Guided By Mr. Prasad A Y Participated in Project Exhibition.

CLASS TOPPERS



Shilpa Mahantappa
Final Year B.E.
1RR12IS028
77.11%



Sneha B
Final Year B.E.
1RR12IS030
73.78 %



Lekha N
Final Year B.E.
1RR12IS015



NAVYASHREE S
3rd Year B.E.
1RR13IS027
72.56%



APOORVA B S
3rd Year B.E.
1RR13IS001
72.4%



LIBIYA R
3rd year B.E.
1RR13IS036
71.8%



Rajeshwari L
2nd Year B.E.
1RR14IS036
76.3%



BHAVYA SHREE M N
2nd Year B.E.
1RR14IS005
71.9%



KAVYASHREE S
2nd Year B.E.
1RR14IS015
70.6%



BINDHUSHREE. C.A
1st Year B.E.
1RR15IS08
9.7 SGPA



SINDHU. D
1st Year B.E.
1RR15IS039
8.08 SGPA



MONISHA.G
1st Year B.E.
1RR15IS025
8 SGPA

