

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.

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



NEWS LETTER

Period: 1.8.2016 To 31.7.2017

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”

Mission of ISE Department

“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”

Vision of ISE Department

“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 (2016 - 2017)

- Dept. Association - VO'ISE' organized an Expert Lecture on *"Data Centre Transformation"* on **24th September 2016**. **Mr. SATISH G, IBM, Bengaluru** was the Resource person.
- Dept. Association - VO'ISE' organized a Seminar on *"Effective Career Planning and Guidance on Higher Education"* on **21st October 2016**. **Mr. Shiva Sai Balaji**, Deputy Manager (R&D), **Bharat Electronics Ltd, Bangalore** was the Resource person.
- Dept. Association - VO'ISE' organized a Technical Talk on *"SOFTWARE TESTING"* on **22nd October, 2016**. **Mr. Prashant Joshi K**, Senior Software QA Engineer, **Net Scout Software Systems India Pvt. Ltd** delivered the talk.
- Dept. Association - VO'ISE' organized a Three day *National level Inter Collegiate Technical Fest "ANOKHA-2K17"* during **8th -10th March,2017**.
- Dept. Association - VO'ISE' organized a *Placement Orientation Programme - Improving Placement Skills* on **28th March,2017** by Resource Person. **Mr. Ravindra K Founder & Developer of Ekalavya University Bangalore-560055** was the resource person.
- Dept. Association - VO'ISE' organized a Technical Talk on *"Heterogeneous Computing"* on **1st April, 2017**. **Mr. Bishwajit Pal**, Senior Manager, **ERNEST & YOUNG** was the resource person.
- Third year ISE students visited *ISRO Satellite centre, Bengaluru* on **5th May 2017**.



- Second year ISE students visited **TATA Consultancy Services (TCS), Bangalore** on **18th May 2017**.
- Dept. Association - VO'ISE' organized **"PROJECT EXHIBITION for Final Year Students"** on **22nd May 2017**. A total of 15 teams participated and exhibited their project work.
- **Rakshith K V, Kruthi P Baskar, Ashwini R** of Final year ISE received a grant of **Rs.4500/-** from **KSCST** for their project **"APPLICATION OF INTERNET OF THINGS IN AUTOMATED IRRIGATION SYSTEM"** for the Year 2016-2017. This project was guided by **Prasad .A.Y., Asst. Professor, ISE**.



PUBLICATIONS By FACULTY & STUDENTS

International Journals and Conference Publications :

- **Dr. Balakrishna. R, Prasad A.Y, K. B. Kruthika, Sushma V**, **"Remote Storage of Data on Cloud"**, IJARIE, ISSN: 2395-4396, Vol-2 Issue-5 2017.
- **Dr. R. Balakrishna, Prasad. A.Y, Geethanjali. S, Shravani P.M**, **"Cross Breed Provable Data Possession at Untrusted Stores in Cloud Computing"**, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.
- **Dr.R.Balakrishna, Prasad.A.Y, Monika R, Megha S**, **"Deduplication on Scrambled Enormous Information in Cloud"**, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.
- **Ananda Kumar K S, Dr.R.Balakrishna**, **"Comparative Analysis of Delay and Throughput using IEEE 802.11 and Receiver Centric-MAC Protocol in Wireless"**

Sensor Networks”, International Conference on Innovations in Power and Advanced Computing Technologies [i-PACT2017], 978-1-5090-5681-1 /17 ©2017 IEEE.

- **Ananda Kumar K S, Arpitha K, Latha M, Sahana M**, “*A Novel Approach for Intrusion Detection System using feature Selection Algorithm*”, International Journal of Computational Intelligence Research, Vol:13, Page No:1963-1976, 2017, ISSN: 0973-1873.
- **Mrs NehaSinghal, Lekha B S, Yashashwini B**, “*Energy-Efficient and Reliable Routing for Versatile Wireless Sensor Networks*”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.
- **Mrs. Neha Singhal, Sushmitha N Priyanka C**, “*Vitality Efficient Flat and Hierarchical Routing Protocols In Remote Sensor Networks*”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.
- **Kavyashree.V, P.N. Madhu Chaitra, Vinutha.H, Rajeshwari.S**, “*A Radar Target Generator For Airborne Targets*”, IJARIE-ISSN(O)-2395-4396, Vol-2 Issue-5 2017.
- **Kavyashree.V, P.N. Madhu Chaitra, Prasad A Y, Vinutha.H**, “*A Radar Target Generator for Airborne Targets*”, International Journal of Science Technology & Engineering (IJSTE),| Volume 3, Issue 11, May 2017, ISSN (online): 2349-784X.
- **Veda D, Bhargavi V, Harshitha S, Navyashree S**” “*A Literature Survey on Biometric Steganography Using Visual Object for Remote Authentication*” International Journal of Advanced Research in Computer Engineering & Technology (IJARCET),Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.



- **Veda D, Bhargavi V, Harshitha S, Navyashree S**,”*Biometric Steganography Using Visual Object for Remote Authentication*”, International Journal of Engineering Sciences & Management, ISSN 2277 – 5528, April-June 2017,Impact Factor- 4.015
- **Ashwini R Mali Patil, Apoorva B S, Libiya R**, ”*A Brief Survey on Solar Power Plant Electricity Sensor Reads Using IOT Devices to Get a Data in Mobile App*”,

International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.

- **Ashwini R Mali Patil, Manasa K G Poornima H R,** *"Implementation on Solar Power Plant Electricity Sensor Reads Using IOT Devices to Get a Data in Mobile App"*, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.
- **Prasad A.Y, Ashwini R, Kruthi P Bhaskar, Rakshith K.V,** *"Plant Irrigation by using Soil Moisture Sensors and GSM Technology"*, IJARIIE, ISSN(Online) : 2395-4396, Vol-2 Issue-5 2017.
- **ASHWINI R, KRUTHI P BHASKAR, K.V RAKSHITH** *"Application Of Internet Of Things In Automated Irrigation System (3 Phase)"*, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.



- **Rajeshwari S, Arpitha P , Meghana P ,Sushmitha C,** *"Android Based Body Temperature, Heart Beat and Drowse Sensor Monitoring Using SMS Based Telemedicine System"*, International Journal of Engineering Research and Application ,ISSN : 2248-9622, Vol. 7, Issue 5, (Part -3) May 2017, pp.75-78.
- **Dineshkumar M, Nikhil A U, Yashaswini S, Ashwathanarayana Reddy,** *"Android Phone Controlled Voice, Gesture And Touch Screen Smart Wheelchair"*, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056 ,Volume: 04, Issue: 05, May -2017, Print ISSN: 2395-0072.
- **Prasad A Y, Saad khan, Devaraj V, Prashanth M,** *"Vitality Efficient Localization & Tracking of Mobile Devices in Wireless Sensor Networks"*, IJARIIE, ISSN (Online) 2395-4396, Vol-2, Issue-5, 2017.

- **Prasad A Y, Asha M A, Chaithra C K, Megha S, Pushpalatha R,** *"Query Cascading in out of Band Channel for Distributed Memory System"*, IJARIE, ISSN(Online) 2395-4396, Vol.2 Issue 5 2017.
- **Rajeshwari S, Manasa K G, Sushmitha N, Yashashwini B,** *"Compelling Protection Schemes for Phishing Attacks on Cell Phones"*, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323.
- **Vinutha H, Libiya R,** *"A Brief Survey on Malware Detection"*, International Journal of Advanced Research in Engineering & Management (IJAREM), ISSN: 2456-2033, PP. 22-27.
- **Vinutha H, Sushmitha C,** *"Control of Photo Sharing on Online Social Network"*, International Journal of Advanced Research in Education & Technology (IJARET), Vol. 4, Issue 2 (April - June 2017), ISSN : 2394-2975.
- **Prasad A Y, Lekha B S , Bhargavi V,** *"Effective and Secured Information Exchange With Load Equalization and Connectivity Protection in Versatile Sensor Networks"*, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 06, Issue 05, May 2017, ISSN: 2278 – 1323
- **Prasad A Y, Kavyashree V,** *"Comparing VMware's DRS Migration with a Human Expert Migration"*, IJCSET 2017, Volume 7, Issue 5,35-40, ISSN:2231-0711.

CONFERENCES, SEMINARS AND FDP'S ATTENDED BY FACULTY MEMBERS

- **Mr. Ananda Kumar K S** attended a Two Day Conference on IC-IPACT-2017 at VIT University, Vellore, TamilNadu.
- **Mr. Dinesh Kumar. M** attended a Two Day **Faculty Development Programme** on *"Research Proposal Presentation towards Ph.D. Admissions"* on **25th & 26th July 2017** organized by **KSSEM**.
- **Mr. Dinesh Kumar M** attended an Awareness program on **"NASSCOM SECTOR SKILLS - IT AND ELECTRONICS"** conducted by VTU Regional Centre, Mysore on **22nd October 2016**.
- **Mr. Dinesh Kumar M** attended a Five Day workshop on *"Short Term Course under the sponsorship of Quality Improvement Program on ET-SMART CITY"* during **6 – 10, February 2017 at Pondicherry**.
- **Mrs.Veda D** attended a Three Day **Faculty Development Programme** on *"Network Engineering"* at RRCE.

- **Mr.Ananda Kumar K S** has served as the Resource person for the *National conference on “VLSI, Communication & Signal Processing”(NCVCS-2017)* held on 16th & 17th May 2017 in the ECE department of Raja Rajeswari College of Engineering.

STUDENT ACTIVITIES

- **Mr.Prasad A Y (Supervisor), Rakshith K V, Kruthi P Baskar, Ashwini R** received a fund of **Rs. 4500** from Karnataka State Council for Science and Technology (KSCST) for their project work **“Application of Internet of Things in Automated Irrigation System (3 phase)”** during the academic year 2016 – 17.
- **Neha bothra, Suhitha J**, Final year students of ISE department presented paper and received **Best Paper Award** in NCRASET-17 held in Sri Venkateshwara College of Engineering.
- **Akshit Dhar**, Third year student participated in the **Indian Engineering Olympiad Examination** and secured **All India Rank 310**.
- Students of II and III year ISE **visited an Orphanage** on 26th January 2017.

Participation in Project Exhibition

Sl.No	Title of the Project	Name of the students	Name of the Guide
1	<i>Secure Data sharing in Cloud Computing using Revocable Storage Identity based Encryption</i>	Neha bothra, Suhitha J, Sushma V, K B Kruthika	Dr.R.Balakrishna Principal
2	<i>De-duplication on Encrypted Big Data in Cloud</i>	Geethanjali S, Monika R, Shravani P.M., Megha S	Dr.R.Balakrishna Principal
3	<i>Efficient Building of an Intrusion Detection System using Filter based Feature Selection Algorithm</i>	Arpitha. K, Latha. M. N, Sahana. M	Mr. Ananda Kumar K S
4	<i>A Secure and Efficient id-based Aggregate Signature Scheme for WSN</i>	Abhilasha K, Apoorva R, Divya Bharathi J	Mr. Ananda Kumar K S

5	<i>Remote Authentication via Biometrics: A Robust Video Object Steganographic Mechanism over Wireless Networks</i>	Bhargavi V, Harshitha S, Navyashree S	Mrs.Veda D
6	<i>e2r2: Energy Efficient and Reliable Routing for Mobile Wireless Sensor Networks”</i>	Priyanka C, Lekha B S, Sushmitha N, Yashashwini B	Mrs.Neha Singhal S
7	<i>Android based Body Temperature, Heart beat and Drowse Sensor Monitoring using an SMS based Telemedicine System</i>	Arpitha P, Meghana P, Sushmitha C	Ms.Rajeshwari S
8	<i>IOT based Android operated Voice and Head Gesture Movement Control Wheel Chair for the Disable</i>	Nikhil A U,Yashaswini S,Ashwath Narayana Reddy	Mr. Dinesh Kumar M
9	<i>Application of Internet of Things in Automated Irrigation System(3phase)</i>	Ashwini R,K V Rakshith, Kruthi P Baskar	Mr. Prasad A Y
10	<i>Query Cascade in out of Band Channel for Distributed Memory System</i>	Asha M A, Chaithra C K, Megha S, Pushpalatha	Mr. Prasad A Y
11	<i>Energy Efficient Localization and Tracking of Mobile Devices in Wireless Sensor Networks</i>	Devaraj V, Prashanth M, Pravalikha S, Saad Khan	Mr. Prasad A Y
12	<i>A Map Integrated RADAR Target Generator for Airborne Targets</i>	Kavyashree V, P N Madhu Chaitra	Mrs.Vinutha H
13	<i>Solar Power Plant Electricity Sensor Reads using IOT Devices to get a data in Mobile app</i>	Apoorva B S, Libiya R, Manasa K G, Poornima H R	Mrs. Ashwini R Mali Patil

CLASS TOPPERS



Poornima H R
Final Year B.E
1RR13IS032
72.89 %



Divya Bharathi J
Final Year B.E
1RR13IS011
72.56 %



Navyashree S
Final Year B.E
1RR13IS027
70%



Bhavya Shree M N
3rd Year B.E
1RR14IS005
76.77 %



Rajeshwari L N
3rd Year B.E
1RR14IS036
75.55 %



Manisha C
3rd Year B.E
1RR14IS021
73.66%



Bindhu Shree C.A
2nd Year B.E
1RR15IS008
8.00 SGPA



Madhu. M
2nd Year B.E
1RR15IS023
7.71 SGPA



Neha.S
2nd Year B.E
1RR15IS026
7.50 SGPA