



PREERANA

2015-2016

Volume 1, Issue 2

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DEPARTMENT VISION AND MISSION

VISION

To Produce Professionally Excellent, Knowledgeable, Globally Competitive. Socially Responsible Computer Engineers and Entrepreneurs.

MISSION

- M1.** To Provide quality education in Computer Science and Engineering .
- M2.** To Establish a continuous industry institute interaction, participation, collaboration to contribute IT skilled Engineers .
- M3.** To build human values, social values, entrepreneurship skills and professional ethics among the IT technocrats.
- M4.** To focus on innovation and development of technologies by engaging in Machine Intelligence research areas.

MESSAGE FROM HOD



It is an honour and a privilege to publish newsletter of CSE department of RYM Engineering College, Ballari, half yearly once that leads to two issues in year. CSE department mission statements charge us to advance knowledge and educate students, and to bring knowledge to bear on the world's great challenges for the betterment of humankind. It is venue to publish papers, articles, innovations of faculty and students. CSE department always believes adage of Charles Darwin that "It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change". CSE newsletter shall serve variety of purposes to all stakeholders of the institution.

FACULTY ACHIEVEMENTS



Dr. T. Hanumantha Reddy, has presented and published a paper titled **“Hand activity recognition and classification of hand involved in the hand activity”**, in IJHM, Feb 2016.



Dr. H. Girisha, has presented and published a paper titled **“Hybrid techniques to identify faces using key point hypothesis prediction algorithm”**, in IOSR-16, Volume 11, Issue 1



Mrs. Nagaveni Biradar, presented and published a paper titled **“A Novel Approach of investigating Deceptive Activities of developer for Ranking apps”**, in International Journal for innovative research in science & technology, ISSN:2349-6010 volume 2, issue 12 may 2016.



Mrs. Sapna Kulkarni, has presented and published a paper titled **“Shortest path Multicast tree construction algorithm to transmit multimedia real time traffic in MANETS”** ISSN-2347-8616, Volume 4 special issue March 2015.



Mrs. Kavitha J., presented and published a paper titled **“Security model for federated database systems”**, in Global Research and development journal for engineering, ISSN:2455-5703 Volume 1, issue 5, April -2016

Mrs. Kavitha J., has successfully completed **“ET601Tx: Educational Technology for Engineering teachers”** a course of study offered by IITBombayX, an online learning initiative of Indian Institute of technology Bombay



Mrs. Aparna K.S., has presented and published a paper titled **“A Survey on web mining: overview, Techniques, tools and Applications”**, in IJRASET -2016, ISSN:2321-9653, Jan 2016, Volume 4, Issue 1

FACULTY ACHIEVEMENTS



Mrs. Anuradha S G , has presented and published a paper titled “**Combining Spectral And Texture Feature For Image Segmentation Using Sensed Images** ”, in IJRIT-2015 ,ISSN 2001-5569. , Volume-3, Issue-10, pp 62-72,

Mrs. Anuradha S G , has presented and published a paper titled “ **Video Segmentation For Moving Object Detection & Tracking- A Review** ”, in International Journal of Signal Processing, Image Processing and Pattern Recognition ,Volume-8, No:8, pp 143-150



Mr Shivaprasad KM and Dr.T Hanumantha Reddy , presented and published a paper titled “**K Means Clustering for Document analysis in Indian Bilingual Documents**”, 2015 International Conference on Innovations in Information, Embedded and Communication Systems 2015 Coimbatore Nov 27th and 28th 2015, ISBN No: 978-1-4673-8625-8

Mr Shivaprasad KM and Dr.T Hanumantha Reddy , presented and published a paper titled “**Text Mining: An Improved Feature Based Pattern Model**”, IEEE International Conference on Applied & Theoretical Computing & Communication TECHNOLOGY (ICATCCT-2016) , SBJIT Bengaluru, JULY 21st and 22nd 2016/16/\$31.00©2016IEEE



Mr.Lingaraj.K has presented a paper titled “**A Survey on Middleware Challenges and Approaches for Wireless Sensor Networks**”, 7th IEEE CICN-2015 and IEEE Part Number: CFP1527L-CDR, ISBN: 978-1-5090-0075-3, Page-No: 56 to 60 at GGITS, Jabalpur.

Mr.Lingaraj.K has presented a paper titled “**A Survey on Mobile-Agent Middleware design Principals and Itinerary Planning Algorithms**, IEEE ICATCCT-2015 and IEEE Part Number: FP15D66-USB ISBN: 978-1-4673-9222-8, DOI : 10.1109/ICATCCT.2015.7456983, Page-No: 749 to 753 at BIET, Davangere.



Miss.Vani N & Mrs. Sri devi Maalipatil has presented and published a paper titled “**Big data :data driven design philosophy for solving hard optimization problem.**”, in IJCST 2016 ,Volume 4,issue 1,2016



WORKSHOP/FDP/SEMINAR



One day Workshop was conducted for CSE Final Year Students on “**Entrepreneur Skills**” dated on 05-03-2016.

By,

Sri Somshekar,
Additional Joint Director,
District Industries Center,
Ballari-583104

*“WORKSHOP
aims in
bringing radical
changes in the
existing teaching
and learning
atmosphere, for
improving the
quality and
employability of
students”*



WORKSHOP/FDP/SEMINAR



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students”*

One day Seminar was conducted for CSE 6th sem Students on **“The Role of E-Governance Projects in Digital India”** dated on 15-03-2016.

By,

**Sri Shivaprakash Vastrad,
District Informatics Officer,
NIC,
Ballari-583104**



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One day Seminar was conducted for CSE 6th & 8th sem Students on **“Web Technologies & Cloud Computing”**.

By,

**D.Sai Natarajan,
Vision Software Solutions,
Ballari-583104.**



WORKSHOP/FDP/SEMINAR



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One day workshop was conducted for CSE Students to educate on “Accreditation Dissemination to stake Holders” on 18-04-2016.

By,

Dr. T Hanumantha Reddy,
Professor and Head,
Dept. of CSE,
RYMEC,
Ballari-583104.



V.V. Sangha's
RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE
(Formerly Vijayanagar Engineering College) Cantonment, Ballari - 583 104. (Karnataka)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Workshop On

ACCREDITATION DISSEMINATION

TO STAKE HOLDERS

Venue: CSE Seminar Hall, RYMEC Ballari

WORKSHOP/FDP/SEMINAR



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One day workshop was conducted for CSE Students to educate on “Oracle Spatial Data” on 23-04-2016.

By,

Ramanujam, & Shri Hari,
TCS,
Bangalore.



WORKSHOP/FDP/SEMINAR



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Two days In-house workshop was conducted on
“**OUTCOME BASED EDUCATION WITH CASE STUDY**” on
27 & 28-06-2016.

By,

DR. T Hanumantha Reddy,
Prof. & Head.
DR.H Girisha,
Prof. Raghu Kumar K S,
Dept of CSE,
RYMEC,
BALLARI-583104



WORKSHOP/FDP/SEMINAR



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Two days workshop was conducted on “**OUTCOME BASED EDUCATION & NBA**” on 8th & 9-07-2016.

By,

DR. Subramani,
Prof and Head,
Dept. of ISE,
NITTE, UDUPI

Prof. Karthi pai,
NITTE, UDUPI



WORKSHOPS/FDP ATTENDED BY FACULTIES

Mr Shivaprasad K M, Asst. prof., Dept of CSE has attended 2 days FDP on “ **Data Mining techniques using Rapid Miner tools**” 9th & 10th February 2016, at Kristu Jayanthi college, Bengaluru.

Mrs Aparna K, Asst. prof., Dept of CSE has attended 2 days FDP on “ **Data Mining techniques using Rapid Miner tools**” 9th & 10th February 2016, at Kristu Jayanthi college, Bengaluru.

Mrs Swetha Ramana, Asst. prof., Dept of CSE has attended 2 days FDP on “ **Data Mining techniques using Rapid Miner tools**” 9th & 10th February 2016, at Kristu Jayanthi college, Bengaluru.

Mr H. Chidananda attended workshop on “**Research Methodology and Latex**” organized by VTU e-Larning Center, Mysore from 18th to 20th Feb 2016 at B.L.D.E.A’s V.P. Dr.P.G.H. College of Engg & Tech, Vijayapur.

Mrs Swapna Kulkarni, Associate prof., Dept of CSE has attended 3 Days National Level Workshop on “**NS3 & Open Source ICT-2016**” from 24th to 26th March 2016 at BITM, Ballari.

Mr Lingaraj K, Asst. prof., Dept of CSE has attended 3 Days National Level Workshop on “**NS3 & Open Source ICT-2016**” from 24th to 26th March 2016 at BITM, Ballari.

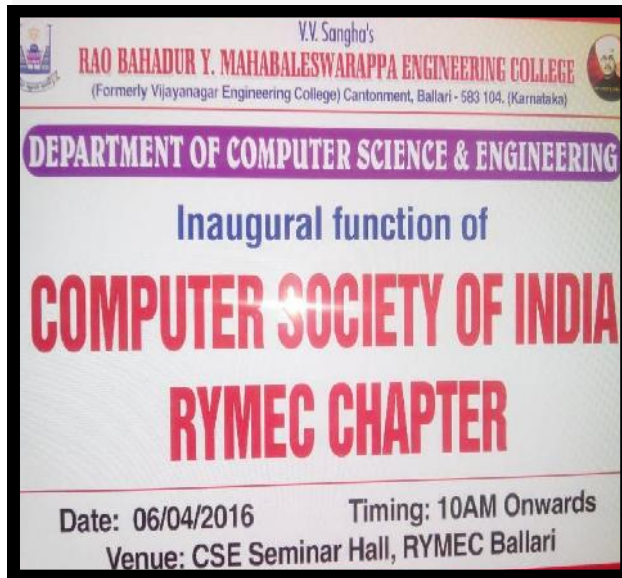
Mr Shivakumar V, Asst. prof., Dept of CSE has attended 3 Days National Level Workshop on “**NS3 & Open Source ICT-2016**” from 24th to 26th March 2016 at BITM, Ballari.

Mr Raghu Kumar K S, Asst. prof., Dept of CSE has attended 3 Days National Level Workshop on “**NS3 & Open Source ICT-2016**” from 24th to 26th March 2016 at BITM, Ballari.

Mr Roshan D, Asst. prof., Dept of CSE has attended 2 Days FDP on “Data Structures and its Application Laboratory “ from 19th to 21th July 2016 at SVIT, Bengaluru.

INAUGURATION OF CSI CHAPTER & LAUNCHING OF NEWSLETTER 2015-2016

Inauguration of Computer Society of India student chapter was done by our beloved principal Dr. K Veeresh on 6-04-2016.



The Newsletter PRERANA Volume 1, Issue 1 was launched by our beloved principal Dr. K Veeresh on the occasion of the Inauguration of CSI student chapter on 6-04-2016.



KSCST SELECTED PROJECTS

LIST OF B.E.PROJECTS SANCTIONED UNDER 39TH SERIES OF STUDENT PROJECT PROGRAMME KSCST: 2015-16

PROJECT TITLE	STUDENT NAME	USN	GUIDE NAME	AMOUNT SPONSERED
E-FINANCIAL ASSISTANCE FOR ENTREPRENEURS	SAHANA.S	3VC12CS072	DR. H.GIRISHA	RS. 3000.00
	SHANTHI.K	3VC12CS078		
	SUSHMA.M	3VC12CS090		
	RAMYA.A	3VC12CS068		
E-TAX EXEMPTION	SYED YAKUB HUS-SAIN	3VC12CS093	K. SURESH	RS. 3000.00
	ASHFAQ UR REH-MAN	3VC12CS108		
	VINOD.H	3VC12CS104		
	SHIVARAM.A	3VC12CS082		
ANDROID AND BLUE-TOOTH BASED VOICE CONTROLLED WIRELESS SMART HOME SYSTEM	SOUMYASHREE	3VC12CS085	KAVITHA.J	RS. 4000.00
	RIZWANA	3VC12CS070		
	K.SANJANA CHOUDARY	3VC12CS074		
CELL PHONE OPERATED MOBILE BUG USING MICROCONTROLLER	RAMYASHREE.G.R	3VC12CS069	SARVAR BEGUM	RS. 3000.00
	SHWETHA.T.S	3VC12CS092		
	VASANTHI.K	3VC12CS101		
INDUSTRY AND COMMERCE ASSENT COMMUNE (ICAC)	PRIYANKA.V	3VC12CS064	G. J. PUNEETH	RS. 3000.00
	SHALINI.C	3VC12CS076		
	AKSHITHA.K	3VC12CS006		
	AYESHA SHAIK AF-SHEEN	3VC12CS013		

KSCST PROJECT EXHIBITION

KSCST CSE Department Project Exhibition at CSE Research Center, on 25-05-2016



SRISHTI 2016- STATE LEVEL PROJECT EXHIBITION & COMPETITION-CMRIT, BENGALORE



AKHIL BHARATHIYA VIDYARTHI PARISHAD, KARNATAKA

Consolation Prize Winners



SRISHTI 2016
Innovation exchange

**STATE LEVEL
PROJECT EXHIBITION
& COMPETITION**

For Engineering Students

6,7 & 8th May 2016
CMR Institute of Technology Bengaluru

Participants



STUDENT PROJECTS SPONSERED FORM STATE GOVERNMENT(DIC)

STUDENT NAMES	SEM	GUIDE NAME	PROJECT TITLE
SAHANA.S	VIII	DR. H.GIRISHA	e-FINANCIAL ASSISTANCE FOR ENTREPRENEURS
SHANTHI.K			
SUSHMA.M			
RAMYA.A			
SYED YAKUB HUSSAIN	VIII	PROF. SURESH.K	E-TAX EXCEMPTION.
ASHFAQ UR REHMAN			
VINOD.H			
SHIVARAM.A			
PRIYANKA.V	VIII	PROF. PUNEETH G J	INDUSTRY AND COMMERCE ASSENT COMMUNE (ICAC)
SHALINI.C			
AKSHITHA.K			
AYESHA SHAIK AFSHEEN			

PAPER PRESENTATION AND PUBLICATIONS BY UG STUDENTS

STUDENT NAME	SEM	GUIDE NAME	PAPER TITLE	CONFERENCE
AKSHATHA.S	VIII	ANURADHA.S.G	AUTOMATED FACE DETECTION & RECOGNITION FOR DETECTING IMPESONATION OF CANDIDATE IN EXAMINATION SYSTEM	INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING LOGIC, TECHNOLOGY AND SCIENCES-2016, ANANTHAPURAM, ANDHRA PRADESH, INDIA
KOTHAPALLI JYOTHI				
GUDIPATI ASHA-LATHA				
KAVYA.B				
SHARON	VIII	NAGAVENI B	TOUCH SCREEN BASED ON NURSE/ ATTENDANT CALLING SYSTEM FOR PHYSICALLY IMPAIRED	IJAIEM , ISSN:2319-4847, VOLUME 5,ISSUE 4
M VAISHNAVI K				
SARSWATHI				
SHAINAAZ				
SHAINAJ B	VIII	SAPNA B KULKARNI	SECURITY ENHANCEMENT FOR MOBILE AD-HOC NETWORKS WITH TRUST MANAGEMENT USING UNCERTAIN REASONING	IJAETMAS, ISSN:2349-3224, VOLUME 3,ISSUE 2
SHILPA				
P LAKSHMI DEVI				
VANI S G				
SWETHA T S	VIII	SARVAR BEGUM	CELL PHONE OPERATED MOBILE BUG USING MICRO CONTROLLER	IJARCCE
RAMYASHREE G R				
VASANTHI K				

PAPER PRESENTATION AND PUBLICATIONS BY UG STUDENTS

STUDENT NAME	SEM	GUIDE NAME	PAPER TITLE	CONFERENCE
RACHEL EVANGELINE	VIII	SRI DEVI MAALIPATIL	ALIVE HUMAN BEING DETECTOR IN WAR FIELDS USING GSM AS WIRELESS TECHNOLOGY	IJRISE 2016
SINDHU RANI				
TULASI M				

PAPER PRESENTATION AND PUBLICATIONS BY PG STUDENTS

SL NO	AUTHOR	PAPER TITLE	NAME OF THE JOURNAL	VOLUME
1	SANDEEP	DATA ANALYTICS AND RECOMMENDATION ENGINE FOR E-BOOK PORTAL USING PYTHON AND LAMP	IJSR	VOLUME 5.ISSUE 4 ISSN:2319 -7064
2	TULASI GAYATHRI DEVI	A SURVEY ON WEB MINING: OVERVIEW, TECHNIQUES, TOOLS AND APPLICATIONS	IJRASET -2016	VOLUME 4,ISSUE 1 ISSN:2321-9653
3	TULASI GAYATHRI DEVI	SMART CRAWLER:NOVEL 2 STAGE APPROACH TO DISCOVER HIDDEN WEB PATTERN.	IJETCSE-2016	VOLUME 21,ISSUE 2 ISSN-0976-1353
4	T . ASHWINI	ASSISTIVE CLOTHING PATTERN RECOGNITION FOR IMPAIRED PEOPLE	IJARCCCE	VOLUME 5, ISSUE 4. PNO 668-671 ISSN-2278-1021
5	T . ASHWINI	CLOTHING COLOR AND PATTERN RECOGNITION FOR IMPAIRED PEOPLE	IJECS	VOLUME 5,ISSUE 4 PNO 16317-16324 ISSN : 2319-7242

PAPER PRESENTATION AND PUBLICATIONS BY PG STUDENTS

SL NO	AUTHOR	PAPER TITLE	NAME OF THE JOURNAL	VOLUME
6	RAJENDRA BABU	IDENTITY –BASED SECURE DISTRIBUTED DATA STORAGE WITH DMAT ENCRYPTION	IJRIT-2015	VOLUME 3,ISSUE 5 ISSN:2001-5569
7	SAHANA	PRESERVING DATA ACCESS CONTROL & SECURITY IN CLOUD FOR MULTI ORGANIZATION	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN SCIENCE & TECHNOLOGY	VOLUME 2 ,ISSUE 12 ISSN:2349-6010
8	SHIRIN TAJ	REVIEW OF ANT COLONY OPTIMIZATION FOR SOFTWARE PROJECT SCHEDULING AND STAFFING WITH AN EVENT BASED SCHEDULER	IJCSE-2014	VOLUME 2 ISSUE 5 ISSN-2347-2693
9	TANUJA .A	PROCESSING AND ANALYZING BIG DATA USING HADOOP	IJCSE-2016	VOLUME 4,ISSUE 4 E-ISSN 2347-2693
10	SUMANA	AN EFFICIENT FDM-KC ALGORITHM FOR SECURE MINING IN HORIZONTALLY DISTRIBUTED DATABASES USING ASSOCIATION RULES.	IJATES-2015	VOLUME3 ISSUE 2 ISSN:2348-7550
11	SANGAMESH	KEYWORD SEARCH AND FEATURE EXTRACTION MODEL FOR DIVERSED XML DATA	IJCEA	VOLUME X ISSUE 5 ISSN:2321-3469
12	PRIYANKA J	A NOVEL APPROACH OF INVESTIGATING DECEPTIVE ACTIVITIES OF DEVELOPER FOR RANKING APPS.	IJCSE-2016	VOLUME 4,ISSUE 3 ISSN:2347-2693

SPORTS ACHIEVEMENTS BY STUDENTS

- Selected for VTU in various teams in the year 2015-2016.

Sl.No	Name	Branch/SEM	Game
1	Sowmya Y.C	CSE/7 th	Hockey(women)
2	Tanuja C.	CSE/5 th	Hockey(women)
3	Ashwini M	CSE/3 RD	Hockey(women)

- Participants in VTU YOGA Competition held at GIT, Belagvi on 19th & 20/09/2015

Sl.no	Name	Sem /branch
1	Kouti. Swathi	5 th sem/CSE
2	Jeevana. D	1 ST sem/CSE
3	Chandrakala. T	1 ST sem/CSE
4	Asha sirin	5 th sem/CSE

- Participants in VTU THROW BALL ZONAL tournament held at BLDE Vijayapura on To 09/10/2015

Sl.no	Name	Sem /branch
1	Kouti. Swathi	5 th sem/CSE
2	Jeevana. D	1 ST sem/CSE
3	Chandrakala. T	1 ST sem/CSE
4	Asha sirin	5 th sem/CSE

- Participants in VTU THROW BALL ZONAL tournament held at BLDE, Vijayapura on To 09/10/2015

Sl.no	Name	Sem /branch
1	Kritagya Chand	5 rd sem/cse

- Participated in VTU TABLE TENNIS held at GNDC, Gulbarga on 07 & 08 SEP 2015

Sl.no	Name	Sem /branch
1	Kritagya Chand	5 rd sem/cse

PHOTO GALLERY



PHOTO GALLERY



PHOTO GALLERY



PHOTO GALLERY

