

REFLECTIONS

A Perfect Way of Communication ...

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Presented By : Society Of Information Technology
2009-2013



C.V. Raman College of Engineering, Bhubaneswar

This issue of "Reflections-Dec 2013" is our maiden effort for communicating the events and achievements of the Information Technology Engineering department, C.V.Raman College of Engineering, Bhubaneswar

About our Alumni

1. **Janmejaya Das , Sidharth Atri, Sanjay Kumar, Sonam Sahani and Gayatree Rana** of 2012 pass out batch presented projects "**Sementic Search Engine**" and "**Spice Board of India**" in **99th Science Congress**, Jan 2012, at KIIT, Bhubaneswar.
2. **Lovely Singh and Subhra Samal, and Gayatri Rana**, 2012 pass out batch are **pursuing M.Tech**
3. **Ranu Paramanick**, 2012 batch is doing **MBA at Balaji Institute of Modern management, Pune**
4. **Anand Kumar**, 2012 pass out batch is an entrepreneur with **Anand Yatra & Yatri Mitra Kiosk at Bhubaneswar Airport**
5. **Kalpna Shashtry**, 2011 passing out batch is pursuing **MS at USA from 2012 spring semester**,
6. **Ishan Parmer**, 2011 passing out batch is pursuing **MS at USA from 2013 spring semester**
7. **Deepika and Animesh**, 2011 batch are pursuing **MBA**
8. **Subhamay Pradhan** one of our early Alumni is now an entrepreneur - **Adventures9 Solutions Pvt Ltd.**



Workshop on Computer Security and Ethical Hacking. Our Alumni at the 99th Science Congress.



Events organized / conducted by department faculty and staff:

- 2-Week National level Workshop on **Parallel and Heterogeneous Computing (NWPHC-2013)** was held during 8th – 20th July 2013
- NVIDIA in-semester Internship program was given to interested students in the NVIDIA Training Center.
- **A National Workshop on Software Engineering, Methods, Tools and Practices (NWSEMTP)**, conducted by NIT Rourkela was held during 29-31 March 2013
- **CSI Eastern Regional Convention – Computing Anywhere, Everywhere**, conducted by experts from TCS, Tech Mahindra, Syum Technology was held during 25-27 Feb 2013.
- **Workshop on Android Development Level-II**, conducted by C2S was held during 26-27 Feb 2013 as part of the CSI Eastern Regional Convention
- **A National Workshop on Computer Security and Ethical Hacking**, conducted by Kyriion Digital Securities was held during 09-10 Nov, 2012
- **The CSI Eastern Regional Convention – Cloud Computing facilitating Collaboration, Transformation and Growth** was conducted by experts from IBM, VMware, TCS, Microsoft, ADII Research and Applications, Mahindra Satyam, Infosys, TechV Consultants, was held during 05-07 March 2012
- **A Regional level Web Design competition** for students was held on 6th March 2012, as part of the CSI Eastern Regional Convention
- **A National Conference on Computer Science and Information Technology** was held during the CSI Eastern Regional Convention – on 7th March 2012 – Selected papers were printed as International Journal of Computer Science & Informatics Vol 2, Issue 3

Awards and Recognitions:

- **Ms. M.Priyatama Sahoo** was awarded 1st prize in 100 mtr race in the annual staff sports held in 23-24 Dec 2013
- **Mr. Nilamadhab Dash** received appreciation by SSEPL for taking skill development classes on “C programming”, C++ programming “ in 2013 and 2012.
- **Mr. Amardeep Das** received appreciation by SSEPL for taking skill development classes on “Computer Network “ in 2013 and 2012
- **Dr. Rachita Misra** held the Regional Student Counselor position in CSI for April 2012 to March 2013 and was awarded certificate of appreciation for the voluntary services to CSI. She is now continuing in the same position for the second consecutive year.
- **Mr. Amardeep Das** received appreciation for being Guest faculty on “Networking” by TIME Vizag and Rajhamundry in March 2012.

OUR VISITORS



- **Prof. Dr. S.Lakshmivaranan, George Lynn Cross Research Professor, University of Oklahoma, Norman**
- **Prof. Dr. Ashok Srinivasan, Associate Professor, Florida State University, Tallahasee**
- **Mr. Vinay Deshpande, Member, Technical Group, NVIDIA, Pune**
- **Prof. Dr. Rajib Mall, IIT Kharagpur**
- **Prof. Dr. D.P. Mohapatra, NIT, Rourkela**
- **Mr. A. Pal, Principal Scientist and Research Head, Innovation Lab, TCS Kolkata,**
- **Mr. Subroto Kanungo, Head Cloud Computing Group, Tech Mahindra.**



Faculty Knowledge Enhancement:

1. **Abhaya Kumar Sahoo** and **Debasis Mohanty** attended the **AICTE sponsored FDP on Research Issues in Named Data Networking** at Government College of Technology, Coimbatore, 17-30 June 2013
2. **Nilamadhab Dash** and **Rojalina Priyadarsini**, attended **"Workshop on Bio Inspired Techniques, Theory and Applications including MATLAB simulation"** organized by CEB on 29-30 Nov 2013.
3. **M. Priyatama Sahoo** attended **"2-week ISTE Workshop on database Management Systems"** conducted by IIT Bombay, at GEC, Bhubanewar. This workshop was conducted under the national Mission on Education through ICT from MHRD. , 21-31 May 2013.

Faculty Publications in Journal / Conference

1. **Amardeep Das**, CVRCE, **BBSR**, **Abhaya Kumar Sahoo**, CVRCE , **BBSR**, **Mayank Tiwari**, CVRCE, **BBSR**, "A proposed model for mapping infrastructure as a service in cloud computing with hardware firewall for distributed security environment" published in *IJCET*, vol-4, Issue-5, September-October(2013), pg 49-54 (ISSN 0976-6367).
2. **Abhaya Kumar Sahoo**, CVRCE, **Amardeep Das**, CVRCE, **BBSR**, **Mayank Tiwari**, CVRCE, **BBSR**, "Parallel Optimized Algorithm for Apriori Association Rule Mining on Graphics Processing Unit with Compute Unified Device Architecture (CUDA)"- published in *International Journal of Advanced Research in Computer Science and Software Engineering- Volume 3, Issue 10, October 2013* ISSN: 2277 128X.
3. **Bijayalaxmi Panda**, CVRCE, **Soumya Sahoo**, **Sovan Kumar Patnaik** "A Comparative Study Of Hard and Soft Clustering Using Swarm Optimization" published in *International Journal of Scientific & Engineering Research* , **Volume 4, Issue 10, October-2013, pg 785.**
4. **Soumya Sahoo**, **Bijayalaxmi Panda**, CVRCE, **Sovan Kumar Patnaik** "CSA:A New Metaheuristic Approach for Data Clustering" published in *International journal of Computer Science and Technology* **volume 4, Issue 4 October-Dec(2013) pg 350.**
5. **Soumya Sahoo**, CVRCE, **Sunil kumar Mohapatra**, CVRCE, **Bijayalaxmi Panda**, CVRCE "Classification Using Extreme Learning Machine" published in *International journal of Advanced Computer Technology* **volume 2, Issue 12, October(2013) pg 415.**
6. **Khitish Ku. Garanayak**, CVRCE, **Pankajini Panda**, CVRCE, **Niranjan Panda**, S'O'A University, "A survey on image Dehazing methods", published in *IJERT* in **ISSN:2278-0181, vol-2 Issue-10, October-2013, pg. 462-466.**
7. **Pankajini Panda**, CVRCE, **Khitish Ku. Garanayak**, CVRCE, **Niranjan Panda**, S'O'A University, "MANET Attacks and their countermeasures: A survey" published in *IJCSMC* in **ISSN 2320-088x, vol.2 Issue 11, November-2013, pg. 319-330.**
8. **Nilamadhab Dash**, CVRCE, **Rosalina Priyadarshini**, CVRCE, **Samita Rout**, CVRCE, "Performance Comparison of Backpropagation Neural Network and Extreme Learning Machine for Multinomial Classification" Published in *International Journal of Advanced Computer Technology*, **Vol-II, Issue- XI, Nov- 2013, pp 365-369.**
9. **Abhaya Kumar Sahoo**, CVRCE, **BBSR**, "Advanced density based clustering algorithm for spatial database system" published in *IJCSMC*, **vol-2, Issue-7, July 2013, pg 41-47 (ISSN2320-088x).**
10. **Samita Rout**, CVRCE, **Rosalina Priyadarshini**, CVRCE, **Mukteswar Patnaik**, Berhampur University, Berhampur, **Nilamadhab Dash**, CVRCE, "A Novel Approach towards Facial Skin Detection Using Back Propagation Neural Network published in "published in *International Journal of Advanced Computer Technology*, **Vol-II, Issue-XII, Dec-2013, pp 433-437.**
11. **Kasturika B. Ray**, OEC, **Rachita Mishra**, CVRCE, "Region Extraction for Texture based Palm Print Identification" – published in *International Journal of Advanced Studies in Computer Sciences and Engineering (IJASCSE)* **Vol. 2, Issue 6, Dec- 2013, ISSN : 2278-7917 (Online).**
12. **Suvendu Chandan Nayak**, CVRCE, **Nilamadhab Dash**, CVRCE "Long Distance Moving Vehicle Detection Using Rear Lamp at Night4th", published in *International Conference on Advances in Power Electronics and Instrumentation Engg. , PEIE-2013-Elsevier.*

Consultancies / Industry Relations:

1. **Dr. Rachita Misra** has been awarded the advisory position in **Multistory Learning Private Ltd.**, Chennai from April, 2013
2. **Mr. Nilamadhab Dash** and **Dr. Rachita Misra** received a consultancy project from **Pericon Information Technology** for developing "Web Enabled Software Package" to fulfill their academic and administrative requirements.
3. **Dr. Rachita Misra** participated in the **Infosys Campus Connect** program for leaders, Training program by **IBM** and **Oracle WDP** training program.



Best projects from by our B.Tech final year students:

- "Blue Tooth based Attendance Recording System" – Bhupati Bhusan Sahoo and Byomakesh Mohanta
- " Hangman – Android Mobile game" - Debasis Sahu, Asish Bhargav
- "Browser Development" – Jasamant Biswas, Tarun Kumar Seth, Abhijit Samantara
- "Album Jobs" – Yashaswini Mahapatra, Sambit Kumar Mishra, Utkal Keshari Parida
- "E-Loyal System" – Monica Mishra, Saganika Das, Arpita Panda

Technical papers published by our students:

- **Mayank Tiwary 4th semester, IT** along with faculties Abhaya Kumar Sahoo, Amardeep Das,, "Parallel Optimized Algorithm for Apriori Association Rule mining on Graphics Processing unit with Compute unified Device Architecture(CUDA)" **published in IJARSSE** Volume 3 Issue 10 page 12-14October 2013.
- **Mayank Tiwary, 4th semester IT**, along with faculties Amardeep Das, Abhaya Kumar sahuo, "A Proposed Model for Mapping Infrastructure As a Service in Cloud Computing with Hardware Firwall for Distributed Security environment" **published in IJCET** vol-4, Issue-5, September-October(2013), pg 49-54(ISSN 0976-6367).

Sports, Games and Cultural:

Our college Cricket team **won the championship in the 9th ASIM Memorial Engineers Cricket Cup 2013** jointly with GST. The tournament was organized by NIST Berhampur. **Anshuman Kar, 2013 pass out won the best bats man.**



Winners of Celegance-2013:

1. **Arya Kumar 4th semester - 1st position on Cyber Game Counter strike.**
2. **Lipika Paul 6th semester – 2nd position on Buddy test.**
3. **Tapasi Behera & Group 8th semester – 2nd position on Intra Dance Group.**
4. **Aradhana Pujari 4th semester – 2nd position on Dream Home.**
5. **Sampark Pradhan 4th semester – 2nd position on Dream Home.**
6. **S.P. Kar 4th semester – 2nd position on Dream Home.**
7. **Amit Kumar Behera 6th semester – 1st position on Rodies.**



Other Highlights from Students:

1. **Annadashankar Pattanaik, 8th IT**, has participated in the **International Magic festival held on 15th -17th April 2013 at Rabindra Mandap, Bhubaneswar.**
2. **Annadashankar Pattanaik, 8th IT**, **awarded** appreciation certificate for Blood donation from Orissa State Aids Control Society, Indian Red Cross Society, State Blood Transfusion Council at the blood donation Camp, Govt Primary School,Unit-II,Bhubaeswar on 25th Mar 2012 conducted by Blood Bank, Capital Hospital.
3. **Bikram Keshari Mohanty, 8th IT** is participating in realty shows in the **Oriya TV channels Tarang and Sarthak.**
4. **Amit Ku Behara, 8th IT**, has **co-conducted Workshop on Network Security and Ethical Hacking at ATL to Hudco Employees** and "**Workshop on Web Security**" at **USBM College**, as a consultant to Appen technology Lab Bhubaneswar.
5. **Sovit Pati, 6th IT**, participated in an event conducted by IUCEE and Student Platform for Engineering Education & Development (SPEED) **at Pune in July 2013**, and presented innovative ideas for R&D projects.
6. **Mayank Tiwary, 4th semester, IT**, has successfully completed global certification programs : **CISCO Certified Network Associate Routing & switching, CISCO Certified Network Professional, OBM Certified System Administator AIX 7**
7. **Shiwang Kumar Singh, 4th semester,IT**, was selected to participate in **Inter College Debate Competition at GEC** conducted by IDFC.

Magazine and News Letter:

The magazine "Srujani" for 2012-13 was opened on 09.11.2013 during the fresher's welcome. Our sincere thanks to all faculty, staff and students who contributed to this newsletter.

