



Shram Sadhana Bombay Trust's
College of Engineering and Technology Bambhori, Jalgoan.

DEPARTMENT OF COMPUTER ENGINEERING

Volume II , Issue II

News Letter: July–December 2013

Our Inspiration



Hon'ble Smt. Pratibhatai Patil &
Hon'ble Dr. Devisinghji Shekhawat

About College



VISION: Today we carry the flame of quality education, knowledge and progressive technology for global societal development; tomorrow the flame will glow even brighter.

MISSION: To provide conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development.

Objectives:

- To impart innovative teaching and learning
- To provide quality education with futuristic trends in engineering and technology
- To develop the institute as a research center for academic excellence
- To ensure continual improvement in quality management system
- To inculcate social values, patriotism and professional ethics among the students



Shri. Raosaheb Shekhawat
Trustee

About Department

VISION: To emerge as the leading Computer Engineering department for inclusive development of students.

MISSION: To provide student-centered conducive environment for preparing knowledgeable, competent and value-added computer engineers.



Prof. Dr. K. S. Wani
Principal



Shri. S. P. Shekhawat
Director Academics



Prof. Dr. G.K. Patnaik
Head

Two Days Workshop

The Workshop on “**Latex**” was organized on 05/08/2013 & 06/08/2013 in Computer Engineering department for BE Computer Students under the banner of CSI student Branch. Expert faculty, Dr. G. K. Patnaik, Head of Computer Engg. Dept. SSBT’s COET Bambhori, Jalgaon, delivered informative and useful lecture on Latex. This workshop will be helpful to the final year students for preparing their final year project report in Latex and becoming experts in Latex.

One Days Workshop

The Workshop on “Modeling a system using UML- Project as a Case” was organized by CO-ESA on 21/09/2013 in Computer Engineering department for BE Computer Students. Expert faculty, Mr. S. S. Gharde , Assistant professor of Computer Engg. Dept. SSBT’s COET Bambhori, Jalgaon delivered informative and useful lecture on **UML**. As UML describes the real time systems it is very important to make a conceptual model and then proceed gradually. This workshop will be helpful to the final year students for designing the final year project.

Seminar on “Cloud Computing ”



Computer Department organized seminar on “**Cloud Computing**” on 27/09/2013 for TE Computer students under the banner of CSI student Branch. The expert faculty for this seminar was Mr. Sandesh Wakode. In this Seminar students got knowledge about Cloud Computing and its applications. Also, they taught how to upload data or application software on cloud.

Students Achievements

Sr. No.	Event	Organizer	Level	Date	Name of Student	Prize
01	Techno Era 2013	SGDCOE Jalgaon	National	01/10/2013	Samadhan Mastud	2 nd
03	Techno Era 2013	SGDCOE Jalgaon	National	01/10/2013	Saujnya Sunkanvar	2 nd
04	Techrunch 2k12(nfs)	GH Raisonni Jalgaon	National	06-07/09/2013	Akshay Patil	2 nd

List of Toppers Term I (Nov-Dec 2013)

*** Final Year Computer Engineering**



**First Topper(%)
Miss Patil Archana N.**

**Second Topper(%)
Miss Panchpande Devyani M.**

**Third Topper(%)
Miss Mahajan Punam A.**

*** Third Year Computer Engineering**



**First Topper(%)
Miss Patil Manasi R.**

**Second Topper(%)
Miss Chaudhari varsha S.**

**Third Topper(%)
Mr. Jethwani Amit**

*** Second Year Computer Engineering**



**First Topper(%)
Mr. Patil Rohan K.**

**Second Topper(%)
Mr. Bhawe Chetan H.**



**Third Topper(%)
Miss Patil Pratiksha M.**

Faculty Achievement

Mr. Sandip S. Patil, Associate Professor achieved "Young Engineer Award-2013" given by The Institution of Engineers, India in February 2013

New Faculty Joined

Sr. No.	Name
01	Mr. Akash D. Waghmare (ME-CSE, BE-CSE)
02	Mrs. Prachi P. Chaudhari (ME-CSE, BE-CE)
03	Miss Pooja V. Bhokare (BE-CSE)

Faculty Achievement (Publication in International/National Conferences)

Name of Faculty	Publication
Dr.G.K.Patnaik	"Real-Time Traffic Sign Recognition System based on Colour Image Segmentation" , <i>International Journal of Computer Applications (0975 - 8887) Volume 83 - No3.</i>
Mr. K P Adhiya	<ol style="list-style-type: none"> 1. Identification of devangiri Script from Image Document , International Journal of Computer Engg. & Technology(IJCET), Volume 4, Issue 5, September-octomber(2013) , ISSN 0976-6367 2. A New Approach for Recognizing Offline Handwritten Mathematical Symbols using Character Geometry, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume-2, Issue- 7, July 2013, ISSN: 2319-8753, pp. no. 2823-2830. 3. Detecting and Tracking Moving Objects in Video using Background Subtraction and Spatio Temporal Kernel Technique, International Refereed Research Journal - Researchers World Journal of Arts Science & Commerce, volume iv , Issue 3(2) July 2013 ISSN 2231-4172., pp. no. 117-121
Mr. Sandip S. Patil	"Rotation and Illumination Invariant Texture Classification for Image Retrieval using Local Binary Pattern" " is published in the International Journal of Computer Trends and Technology , Volume 4, Issue 7-2013 , ISSN 2231-2803 , PP 2178 , 7 July 2013 ,

Continue....

Faculty Achievement

Volume 11, Issue 11 July-Dec 2013

(Publication in International/National Conferences)

**Department of Computer
Engineering**

Name of Faculty	Publication
Mr. Ashish T. Bhole	<ol style="list-style-type: none"> 1. "Blackhole Attack Prevention in Mobile Ad Hoc Networks using Route Caching." In Proceedings of Tenth IEEE International Conference on Wireless and Optical Communications Networks (WOCN), Bhopal, India, pp. 1-6, 26 - 28 July 2013. 2. "Provide Web based Security in Mobile Application using LOPass User Authentication." International Journal of Innovative Research and Studies (IJIRS), ISSN: 2319-9725, Vol. 2, Issue 7, pp. 284-292, July 2013. 3. "Web Based Security using Online Password Authentication in Mobile Application." International Journal of Science and Research (IJSR), ISSN: 2319-7064, Vol. 2, Issue 7, pp. 74-77, July 2013. 4. "Managing Accountability For Application Sharing In The Cloud Using Push-Pull Key Matching Algorithm." International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN : 2319-8753, Vol. 2, Issue 7, pp. 2815-2821, July 2013.
Mr. Nitin Y. Suryawanshi	<ol style="list-style-type: none"> 1. "Javaspace Implementation" International Journal of Innovations in Engineering and Technology (IJJET) ISSN: 2319 - 1058, Vol. 3 Issue 1 October 2013, P37-43 http://ijiet.com/wp-content/uploads/2013/10/5.pdf. 2. "Anomaly Detection & Prevention by Using Users Fingerprints" International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) ISSN: 2278 - 1323 Volume 2 Issue 10, October 2013 P2693-2695.
Mr. Dipak Bage	<i>A New Approach For Recognizing Offline Handwritten Mathematical Symbols Using Character Geometry</i> , International Journal of Innovative Research in Science, Engineering and Technology, July 2013 ISSN: 2319 - 8753, Volume 2 Issue 7, pp. 2823-2830.
Mr. Vijay A. Kotkar	<ol style="list-style-type: none"> 1. <i>Review of Various Image Contrast Enhancement Techniques</i>, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN: 2319 - 8753, Volume 2 Issue 7, pp. 2786-2793. 2. <i>Image Contrast Enhancement using Bidirectional Histogram Stretching</i>, National Conference on Emerging Trends in Human Interaction in Engineering Education (NCHCIEE-2013), Jawaharlal Institute of Technology, Borawan (M. P.), pp. 2. 3. <i>Image Contrast Enhancement by Preserving Brightness using Global and Local Features</i>, 3rd International Conference on Computational Intelligence and Information Technology (CIIT-2013) Mumbai, pp. 220-229.
Mr. Atul Dusane	<ol style="list-style-type: none"> 1. "Javaspace Implementation" International Journal of Innovations in Engineering and Technology (IJJET) ISSN: 2319 - 1058, Vol. 3 Issue 1 October 2013, P37-43 http://ijiet.com/wp-content/uploads/2013/10/5.pdf 2. "Anomaly Detection & Prevention by Using Users Fingerprints" International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) ISSN: 2278 - 1323 Volume 2 Issue 10, October 2013 P2693-2695
Mr. Sushant Bahekar	"Survey of various face detection algorithms" , International Journal of innovative research and studies (IJIRS) ISSN 2319-9725, Vol 2 Issue 11 Page 92-101.
Mr. Jitendra Patil	"Survey of various face detection algorithms" , International Journal of innovative research and studies (IJIRS) ISSN 2319-9725, Vol 2 Issue 11 Page 92-101.
Mr. Dinesh D. Puri	<ol style="list-style-type: none"> 1. "Javaspace Implementation" International Journal of Innovations in Engineering and Technology (IJJET) ISSN: 2319 - 1058, Vol. 3 Issue 1 October 2013, P37-43 2. "Anomaly Detection & Prevention by Using Users Fingerprints" International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) ISSN: 2278 - 1323 Volume 2 Issue 10, October 2013 P2693-2695. "Survey of various face detection algorithms" , International Journal of innovative research and studies (IJIRS) ISSN 2319-9725, Vol 2 Issue 11 Page 92-101.

Photo Gallery

Department of Computer
Engineering



Photo Gallery

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घरच्या घरी करता येईल टोनर रिफिलिंग; आर्थिक बचत होणार

प्रतिक्रिया अळगाव

दिवसाला शेकडो प्रिंट काढल्यामुळे वारंवार लेझर प्रिंटर टोनर रिफिलिंग करताना शिखाला बसणारी चाट आता काही प्रमाणात थांबणार आहे. कारण घरच्या घरी रिफिलिंग करता येईल, असे टोनर रिफिलिंग किट तयार करण्यात आले आहे. त्यामुळे सुमारे २०० ते २५० रुपयांची बचत होण्यास मदत होणार आहे. बांभोरी अभियांत्रिकी महाविद्यालयातील टेक्निकल स्टाफच्या कर्मचाऱ्यांच्या प्रयत्नांना यश आले आहे. शासकीय कार्यालय, खासगी कंपनी, डिझाईनिंगच्या व्यवसायात

वापरण्यात येणाऱ्या लेझर प्रिंटरमध्ये वापरण्यात येणाऱ्या '१२ ए' प्रकारच्या टोनर असलेल्या प्रिंटरच्या माध्यमातून दिवसभरात वेगवेगळ्या प्रकारच्या प्रिंट केल्या जातात. त्यामुळे सुमारे हजार ते दीड हजार प्रिंट निघाल्यानंतर टोनर रिफिलिंग करावे लागते. वासाठी बाजारात २५० ते ३५० रुपये खर्च आकारला जातो; परंतु बांभोरी अभियांत्रिकीतील टेक्निकल स्टाफ जितेंद्र पाटील व अजय अहिर यांनी वारंवार रिफिलिंगसाठी होणारा खर्च, वाया जाणारा वेळ लक्षात घेता घरकसल्या रिफिलिंगसाठी टोनर रिफिलिंग किट तयार केले आहे.



काय आहे किट

टोनर होल मेकिंग टूलद्वारे टोनरला छिद्र केले जाते. वासाठी शेल्टर गजला कॉंपरची रॅक बसवली आहे. ५० वॉटपर्यंत दोन मिनिटे तापून त्या कॅपच्या माध्यमातून टोनरच्या फायबर बॉडीवर ११.५ मिमी अंतराचे छिद्र पाडले जाते. त्यामुळे टोनर न उघडता घरीच स्वतः रिफिलिंग करणे शक्य होणार आहे. यात तीन रिफिलिंग झलके वेस्टेज जमा होईल. ३००० प्रिंट मिळाल्यानंतर खराब होत असतो. त्यामुळे तीन वेळा रिफिलिंग झाल्यावर टोनर स्वच्छ करता येऊ शकतो.

तीन महिने केला वापर



जितेंद्र पाटील अजय अहिर

टोनर रिफिलिंग किट तयार केल्यानंतर त्याचा तीन महिने आपल्याच महाविद्यालयातील प्रिंटरसाठी वापर सुरू केला. तसेच

शहरातील काही क्लबसेस, खासगी व्यक्तींसाठी याचा वापर करण्यास सांगितले. तीन महिनांपर्यंत आपल्या फिडबॅकनंतर जवळची याचा फायदा व्हावा म्हणून सर्वसाठी ही सुविधा उपलब्ध करून देण्याचा मानस पाटील व अहिर यांनी व्यक्त केला आहे.

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