



NATIONAL CONFERENCE ON EMERGING VISTAS OF TECHNOLOGY IN 21ST CENTURY

14th & 15th April, 2012

Organized By
GUJARAT TECHNOLOGICAL UNIVERSITY,
AHMEDABAD



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Parul Institute of
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The Indian Journal of Technical Education &
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Technical Sessions & Paper Presentation Schedule

Date : 14th April, 2012 (Day-1)

“REVOLUTIONARY TRENDS IN IT”

DATE	Time	TOPIC	VENUE	
14 th April 2012	8:30 to 9:30	Registration & High Tea	Ahmedabad Management Association, Dr. Vikram Sarabhai Marg, University Area, Ahmedabad, Gujarat	
	9:30 to 11:30	Inaugural Function.		
	11:30 to 12:30	Lunch Break		
	12:30 to 13:00	TECHNICAL SESSION – I Dr. O.G. Kakde ,VNIT, Nagpur , Speaker and Chair Person – <i>Trends in C Code Optimization</i>		
	13:01 to 14:30			<i>Automatic Number Plate Recognition System for Indian Vehicles</i> Mahesh A Prajapati Parul Institute of Engineering & Technology, Vadodara
				<i>Unsupervised Clustering Based Feature Selection Algorithm</i> Ms. Barkha H. Desai Parul Institute of Engineering & Technology, Vadodara
				<i>Scheduling of Virtual Machines in Cloud</i> Trupti Suresh Manik Parul Institute of Engineering & Technology, Vadodara
				<i>Comparison of Enhanced Overlay Scheme and Multipath Ring Routing Scheme for Wireless Sensor Network</i> Anand Pandya, Mrudang Mehta Dharmsinh Desai University, Nadiad
				<i>Performance Analysis of Node Mobility on Routing Protocols in MANET</i> Rimal M. Thoriya, Bhoomi J. Kantaria Parul Institute of Engineering & Technology, Vadodara
				<i>Comparative Study of Hierarchical Routing Protocols in Wireless Sensor Network</i> Ms. Kinjal K. Patel , Mr. Mehul C. Parikh , Ms. Niki Kapadia Government Engineering College, Modasa
				<i>Face Recognition using Principal Component Analysis</i> Dhara Y. Rana , Zankhana H. Shah BVM Engineering College, Anand
				<i>Managing to find Topic-focused content using Page- filtering Techniques</i> Arpana Rawal , H.R. Sharma , M. K. Kowar , Sanjay Sharma Bhilai Institute of Technology, Chhattisgarh
				14:31 to 14:45



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DATE	TIME	TOPIC	VENUE
14 th April 2012	14:46 to 15:15	TECHNICAL SESSION – II Dr. Devesh C Jinwala, SVNIT, Surat Speaker and Chair Person	Ahmedabad Management Association, Dr. Vikram Sarabhai Marg, University Area, Ahmedabad, Gujarat
	15:15 to 17:00	<i>Database Intrusion Detection using Anomaly and Misuse Detection Approach Based on Association Rule Mining Algorithm</i> Parita Parikh Parul Institute of Engineering & Technology, Vadodara	
		<i>Polarity Detection of Opinions Using Naïve Bayes Algorithm</i> Khushboo Niraj Trivedi Parul Institute of Engineering & Technology, Vadodara	
		<i>Event Based Operating System for WSN</i> Ankit Kantilal Patel Parul Institute of Engineering & Technology, Vadodara	
		<i>Impact of Multiple Sink Nodes over Single Sink Node on Wireless Sensor Network using Multipath Ring Routing Protocol</i> Anand Pandya, Mrudang Mehta Dharmsinh Desai University, Nadiad	
		<i>Fisher Boat Tracking Activity Using RFID</i> Kothari Palak S , Rai Jyoti O Parul Institute of Engineering & Technology, Vadodara	
		<i>Block Matching Algorithm on CUDA Multicore Processors</i> Patel Chhaya Saurabh , Raval Priyanka Institute of Technology, Nirma University	
		<i>An Advanced Clustering Algorithm to Generate A Personalized News Paper</i> Prof. Anjani Pandey , Prof. Santosh Soni , Neelesh Shrivastava VITS, Satna	
		<i>Design and Implementation of Steganography Over Video File</i> Ashish T. Bhole , Rachna Patel SSBT's COE & T, Bambhori, Jalgaon	
		<i>Web Usage Mining Tool for Effective Analysis of Web Utilization</i> Sadashiv Mishra , Prof. Vinod Singh VITS, Satna	



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Date : 15th April, 2012 (Day-2)

“REVOLUTIONARY TRENDS IN IT”

DATE	TIME	TOPIC	VENUE
	8:30 to 09:00	Tea	
	09:00 to 09:30	TECHNICAL SESSION III Dr. P. S. Avadhani ,Andhra University, Visakhapatnam , Speaker and Chair Person	
15 ^h April 2012	09:31 to 11:15	<i>Software Engineering an UML Model for Electronic Game Gameplay Measurement as Independent Platform</i> Bhargav P Padhya , Chandrakant D Prajapati Ganpat University, Kherva.	Ahmedabad Management Association, Dr. Vikram Sarabhai Marg, University Area, Ahmedabad, Gujarat
		<i>Role of Page Accessions for Drafting Precise and Complete Answer Keys</i> Ani Thomas , H R Sharma , M K Kowar , Sanjay Sharma Bhilai Institute of Technology, Durg, Chhattisgarh.	
		<i>Control of Home-Appliances Through Parallel Port Interface Using Web Enabled Android Mobile Phones</i> Mittal Vishal, Shiv Kumar , Ajwalia Soham M Parul Institute of Engineering & Technology, Vadodara	
		<i>Database Intrusion Detection Using Two Frequent Pattern Mining Techniques</i> Dhara Pankajbhai Rajput Parul Institute of Engineering & Technology, Vadodara	
		<i>Use of Online and Mobile System for Environment Conservation</i> Mr. Rahul Ranjan Sankalchand Patel College of Engineering, Visnagar	
		<i>Quantum Computer and its Applications</i> Vivek Chandramouli Joshi Parul Institute of Engineering & Technology, Vadodara	
		<i>Review on IPv4IPv6 Handoff on Lock Keeper for High Flexibility and Security</i> Neeta L.Chudasama Parul Institute of Engineering & Technology, Vadodara	
		<i>A New Lossless Method of Image Compression and Decompression Using Huffman Coding Techniques</i> Mohit Patel Parul Institute of Engineering & Technology, Vadodara	
		<i>An Approach to Detect and Prevent SQL Injection in Database</i> Vibha H.Mehta , Rakhi K.Budhrani Shree Swaminarayan College of Computer Science	



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DATE	TIME	TOPIC	VENUE
	11:15 to 12:00	LUNCH BREAK	
	12:00 to 12:30	TECHNICAL SESSION-IV Dr. V. Nagalakshmi, Gitam University, Visakhapatnam – Speaker and Chair Person	
15 ^h April 2012	12:31 to 14:15	<i>Otsu Image Segmentation – An Overview</i> Namrata Subhash Gujrathi Parul Institute of Engineering & Technology, Vadodara	Ahmedabad Management Association, Dr. Vikram Sarabhai Marg, University Area, Ahmedabad, Gujarat
		<i>Steganography the Art of Hiding Secrete Information Over Transmission Medium</i> Mihir H Rajyaguru Parul Institute of Engineering & Technology, Vadodara	
		<i>The Characteristics Analysis of Digital Circuits</i> Hasmukhray S. Rathod Parul Institute of Engineering & Technology, Vadodara	
		<i>Towards Application Classification with Vulnerability Signatures for IDPS</i> Dhiren R. Vaghela & Maulik R. Maheta , Hardik J. Joshi, Rakesh Mahajan & Bhadresh K. Patel Department of Computer Science, Gujarat University.	
		<i>Wearable Computer: Powerful New Generation</i> Mansi P. Bosamia Department of Computer Science, Gujarat University.	
		<i>Electricity Bill Pre-Payment System Using Wireless Communication & Including Meter Auto-Indication Devices</i> Ankitkumar Jitendrabhai Jagir , Pinkeshkumar M Patel Parul Institute of Engineering & Technology, Vadodara	
		<i>Red Tacton: An Innovative Human Area Network Technology</i> Bansari Hareshbhai Mehta, Vidhi Malay Mehta Bhavnagar University	
		<i>Energy Efficient Resource Utilization in Cloud Computing Using Ant Colony Optimization</i> Santosh Maheswari , Dr. Apurva Shah Birla Vishvakarma Mahavidhyalaya, Gujarat	
		<i>Expert System With the Use of AI</i> Mihir H Rajyaguru Parul Institute of Engineering & Technology, Vadodara	



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	14:30 to 15:00	TECHNICAL SESSION- V Dr.Ramachandra V Pujeri, KiTE,Coimbatora – Speaker and Chair Person		
	15:01 to 16:30	<i>Virtual Retinal Display</i> Satish Kachhadiya Parul Institute of Engineering & Technology, Vadodara		
		<i>Cloud Computing in Health Care Services</i> Manoj Sheshmal Kavedia , Anil Bhika Patil Smt. S. H. M. Institute of Technology, Ulhasnagar		
		<i>FPGA Technology Based Video Watermarking</i> Priyanka Raval , Chhaya Patel Institute of Technology, Nirma University, Ahmedabad		
		<i>Features and Security Administration of Linux</i> Gordhan B. Jethava Parul Institute of Engineering & Technology, Vadodara		
		<i>Survey of Software Reuses Strategy With Respect To Cost & Quality Aspects.</i> Daxesh B Panchal Parul Institute of Engineering & Technology, Vadodara		
		<i>Survey of Web Services Security with XML Challenges in SOA</i> Ankita Gandhi Parul Institute of Engineering & Technology, Vadodara		
		16:30 to 17:00		VALEDICTORY FUNCTION