

出國報告（出國類別：參加國際會議）

## 參加 2013 年 ICCCCM 國際研討會議

會議名稱：

2013 國際控制、計算機、通訊與材料研討會

International Conference on Control, Computing,  
Communication and Materials 2013(ICCCCM2013)

服務單位： 國立暨南國際大學

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派赴國家：印度 阿拉哈巴德(Allahabad, India)

出國期間：2013 年 08 月 01 日至 08 月 06 日

報告日期：2013 年 12 月 10 日

## 摘要

此次於2013年08月01日到08月06日至印度阿拉哈巴德參加，2013國際控制、計算機、通訊與材料研討會，會議簡稱ICCCCM2013，主要任務是發表一篇論文。ICCCCM 主旨在於一個許多國際間不同領域的專業學者及研究人員討論的論壇，題目可分為電機電子、計算機、通訊和材料領域。會議中聚集來自世界各地的專家學者，安排十二位知名學者演講，並且提供一個平台讓學者們發表與溝通學術成果。也藉此鼓勵研究人員多走向國際，努力研究以獲得國際肯定。本會議由電機電子工程師學會(IEEE)主辦，阿拉哈巴德聯合理工學院(United Institute of Technology, Allahabad)及曼谷亞洲理工學院(Asian Institute of Technology, Bangkok)承辦，此會議涵蓋計算機科學與資訊技術、電子與通訊工程、電子工程、機械與土木工程及應用、工業與材料科學等，入選論文將納入到電機電子工程師學會數位資料庫(IEEE Xplore Digital Library) 優秀論文也將會推薦發表在國際期刊特刊，此行參加會議難得機會與世界各地專家學者進行交流。

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## 目的

這次2013國際控制、計算機、通訊與材料研討會會議，主要是提供國際和印度的研究人員提出各自領域的最新研究進展和未來的挑戰，在電機電子、計算機、通訊和材料領域及發展提供一個交流及討論的平台，對於本人研究電機電子及微控制器領域有很大的幫助，且此會議於印度阿拉哈巴德(Allahabad, India)舉辦，世界各地生物醫學工程和生物技術領域的專家學者齊聚在會場，於本人所發表的論文進行提問與探討，此次發表題目「太陽能電源供應設計於數位發光二極體自動電功率控制系統(Solar Cell Power Supply Design for Digital LED Automatic Electrical-Power Control System)」，內容主要以數位發光二極體自動電功率控制系統為主，結合太陽能電池技術，希望透過自給自足的數位自動控制系統迴授補償環境溫度對於發光二極體的影響，透過研討會方式與世界各地專家學者進行學術及研究交流，並可更了解未來技術趨勢技術，入選會議論文將提交納入電機電子工程師學會數位資料庫(IEEE Xplore Digital Library)，優秀論文經專家評審將推薦到國際期刊以特刊發表。

## 參加會議經過及紀要

2013 國際控制、計算機、通訊與材料研討會會議(ICCCCM2013)會議由電機電子工程師學會(IEEE)主辦，阿拉哈巴德聯合理工學院(United Institute of Technology, Allahabad)及曼谷亞洲理工學院(Asian Institute of Technology, Bangkok)承辦，此會議涵蓋計算機科學與資訊技術、電子與通訊工程、電子工程、機械與土木工程及應用、工業與材料科學等，今年於08月03-04日在印度阿拉哈巴德聯合理工學院(United Institute of Technology, Allahabad, India)舉辦，會議時間為期2天，會議包含專家演講、論文發表、

會議廳內張貼海報等會議議程，涵蓋電機電子、計算機、通訊和材料等相關工程領域，相關行程如表 1 所列：

表 1. ICCCCM2013 國際研討會行程概要

08 月 01 日(四)	台灣桃園國際機場出發，抵達新加坡樟宜國際機場等候轉機。
08 月 02 日(五)	1. 新加坡樟宜國際機場出發，抵達印度新德里英迪拉·甘地國際機場等候轉機。 2. 印度新德里英迪拉·甘地國際機場出發，抵達印度阿拉哈巴德機場。
08 月 03 日(六)	1. 資料整理及赴研討會現場辦理報到手續。 2. 參加 ICCCCM2013 國際研討會。
08 月 04 日(日)	參加 ICCCCM2013 國際研討會。
08 月 05 日(一)	1. 印度阿拉哈巴德機場出發，抵達印度新德里英迪拉·甘地國際機場等候轉機。 2. 印度新德里英迪拉·甘地國際機場出發，抵達新加坡樟宜國際機場等候轉機。
08 月 06 日(二)	新加坡樟宜國際機場出發，抵達台灣桃園國際機場。

### 08 月 03 日(會議第一天)

辦理完會議報到手續後，參與 2013 國際控制、計算機、通訊與材料研討會會議於印度聯合理工學院之開幕式，由於本人是唯一來自台灣的與會學者，被大會邀請開幕致詞，在開幕典禮中(10:00 A.M.-12:30 P.M.)首先由特邀演講者(Keynote Speaker)Masahiko Nagai 博士演說「空間資訊技術應用於災害管理(Spatial Information Technology for Disaster Management)」，Masahiko Nagai 博士是來自曼谷亞洲理工學院的日籍教授，演說中提到如何利用各種監測及觀測方法、數據分析及處理、遠端感測技術以及地理資訊系統，在災難發生時，有效的統整各方面資訊，包含警方系統、救護系統以及民眾的疏散方向。

在上午開幕典禮專題演講後，正式進行研討會之相關專題報告(1:30 P.M.-3:00 P.M.)，發表論文之會場在印度阿拉哈巴德聯合理工學院，此次論文發表方式於大會會議廳內張貼海報，接受主席與會人員的提問並相互討論之，過程中主席提問幾項問題關於發光二極體功率穩定的方式、結合太陽能電源的效益以及應用於植物燈的概念，問答中得到許多意見與想法，也能看出研究成果之於他國學者的創新性與價值，預期在未來設計及研究時激發更新穎之方向，以提出及研究更實用及更有價值構想與電路設計，透過此方式激勵新的思維與概念，能多方向考量系統特性設計與實用性。

在論文發表任務圓滿結束後，選擇了計算機領域專題聆聽(3:30 P.M.-5:00P.M.)，來自印度 Sam Higginbottom Institute of Agriculture, Technology & Sciences 的 Jaya Singh 及 United Institute of Technology 的 Ekta Agrawal 報告「比較分析 WiMAX 與 3G 網路的服務品質(Comparative Analysis of QoS for WiMAX and 3G networks)」提到現今時代無線網路的廣大利益，除了無線網路的方便性以及高速上網的效率外，也必須提升無線網路的質量與服務品質(QoS)，在報告中同時比較 WiMAX 與 3G 服務品質及性能評估，以找出表現最佳服務與優勢的網路技術。

在第一天會議行程結束後(After 7:00 P.M.)，得負責會議訊息及翻譯 Divya Bartaria 博士邀請參與文化之夜(Cultural Night & Dinner)活動，讓所有與會者得以輕鬆的交流並欣賞印度舞蹈、音樂之文化。

## 08 月 04 日(會議第二天)

在會議第二天中，由於本人研究發展之領域為微控制器系統研究及無線通訊控制系統結合，選定幾篇相關專題報告聆聽，在 11:30 A.M.-1:30 P.M. 的電機電子領域專題中，來自印度 Mahatma Jyotiba Phule Rohilkhand University 的 Vaishali Sahu、Gaurav Sharma 及 V. Krishna Rao K 報告「選擇性工作週期演算法對於內建指標之低速率無線個人區域網路(Selective Duty cycle Algorithm for

Beacon-Enabled Low Rate Wireless Personal Area Networks)」，利用選擇性工作週期演算法(Selective Duty cycle Algorithm, SDA)提出一種根據標準封包率可用於優化無線個人區域網路性能，經過模擬結果證明選擇性工作週期演算法所計算出工作週期優於其他工作週期。

也在 2:30 P.M. -4:30 P.M. 的計算機領域專題中，聆聽來自印度 Kurukshetra University 的 Kanika Sharma 與 Naresh Kumar 報告「安全網路應用回饋工具(SWART: Secure Web Application Response Tool)」，報告中作者提出一種檢測應用程式入侵的檢測工具，可以檢測並防止網路應用程式的攻擊發生事件，已將此檢測工具應用於 ASP.NET 網路應用，並進行卡方檢驗(Chi Square test)，未來將偵測並阻止網路攻擊事件的發生。

會議中除了專家學者們交流的論文發表外，大會還提供一個場次時間(2:30 P.M. -4:30 P.M.) 給予優秀的大學生進行現有技術的探討及簡報，讓他們能有參與國際會議並發表的機會與經驗。

## 感想及建議

參加這次在印度阿拉哈巴德所舉行之國際控制、計算機、通訊與材料研討會會議(ICCCCM)，從會場的安排至佈置，以及不同主題內容場次的安排，就能體會主辦單位之專業及用心。此次會議囊括許多重要工程領域的議題，了解各個領域之專家如何組織新的領域方向及研究題目並加強自己思考與實踐之能力，在準備報告之過程中，不僅可以提升英文應用與報告能力，並同時砥礪自己思考未來研究之方向，藉由其他學者所提出發問之內容，了解研究上所忽略之細節問題，確立未來於研究內容上能擁有更多更寬廣之實現空間。

對於碩博士生而言，出席國際會議及發表文章不但可以增廣見

聞，實質上對於研究工作是有相當大的幫助。會議中除了可以結識許多優秀國際友人，也可以了解國際趨勢增添研究變化性與實用性，藉以提升學校名氣在國際場合中的能見度，達成學校研究學習國際化目標。因此希望能夠提供更多資源在經費補助與研發上，並降低學生負擔並增加投稿發表的吸引力。最後，感謝此次學校提供補助研究生出席國際會議的補助。

### **攜回資料名稱及內容**

此次會議攜帶回來許多資料，包括了 ICCCM 2013 會議論文集以及其它會議相關資料，部份資料尚未完全公佈於網路上提供下載，對於研究生而言可以提早閱讀到這些珍貴資料以增加新的想法。



## 附錄

會議照片：



1. 會議場地:阿拉哈巴德聯合理工學院(United Institute of Technology, Allahabad)



2. 會議場地:會議開始前的拍照時間



3. 會議場地:同一個報告展示之專家評審、助理及作者合影



4. 會議場地:獲頒感謝函及與會證書



5. 會議證書:ICCCCM 2013 與會證書

# 會議流程表

會議流程表 REVISED PROGRAM SCHEDULE		
會議第一天 Day 1: August 03, 2013		
<ul style="list-style-type: none"> <li>● Welcome &amp; Inviting the dignitaries to the dais</li> <li>● Lightning of the lamps and Ganesh Vandana</li> <li>● UGI Corporate Video Presentation</li> <li>● About ICCCCM-2013</li> <li>● Welcome Address by the President, UGI</li> <li>● Address by the Chief Guest</li> <li>● Key Note Address by Prof. A. B. Samaddar, Director, NIT, Sikkim</li> <li>● Key Note Address by Dr. Masahiko Nagai, AIT, Bangkok</li> <li>● Memento Presentation</li> </ul> <p style="text-align: center;">Vote of Thanks followed by National Anthem</p>		
午餐 LUNCH(12:45 P.M.)		
第一天：專業展示部分 I Day 1 : Technical Session I ( 1:30PM – 3:00PM )		
SECTION	VENUE	PRESENTATIONS
Computer Science Section Day 1 : Technical Session I	Conference Hall, A-Block, First Floor, UCEM,	Dr. K. K. Bhutani
		邀請演說(Invited talk)
		3 On the Application of Computational Diffie Hellman Problem to ID-based Signatures from Pairings on Elliptic Curves
		8 A NEW APPROACH TO DETECT CYCLE IN A

			DIRECTED GRAPH USING LINKED LIST
		17	Effectual Load Balancing in Cloud Computing
		55	A Novel Patchwork Discrete Cosine Transform Combined With Distortion Counter Based Robust Reversible Watermarking For Geometric Attack
		73	Design and Development of an Efficient Location Based Bandwidth Allocation Method for Wireless Mobile Networks
		74	Reliable Feature Detection for Steganalysis
		248	Approach for web page Noise reduction and Content Retrieval
<p style="text-align: center;">Computer Science Section Day 1 : Technical Session I (1:30PM – 3:00PM) (B)</p>	<p style="text-align: center;">Conference Hall, B-Block, First Floor, UCEM, Allahabad</p>		Dr. Dhananjay Singh
			邀請演說(Invited talk)
		88	A conceptual comparison of Firefly algorithm, Bat algorithm and Cuckoo search
		96	Genetic Algorithm Based Mammogram Image Segmentation and Its Hardware Implementation using Digital Signal
		97	A Clustering Algorithm for Evenly Load Distribution
		114	Image Mining using Genetic Algorithm
		122	BlogWheel-An Effective SEO Backlinking Technique
		363	Intelligent Transport System
		124	Representation of Sanskrit Sentences

			UNL(Universal Networking Language) Format
		306	Secured Routing Over Manet Using Enhanced Secured Routing(ESR)
<p style="text-align: center;">Computer Science Section Day 1 : Technical Session I (1:30PM – 3:00PM)</p>	<p style="text-align: center;">Conference Hall, B-Block, Ground Floor, UIT</p>		Prof. A. K. Tripathi
			邀請演說(Invited talk)
		328	Control of Grid Side Converter for Grid Connected Six Phase Induction Generator
		113	Simulation and Modeling of HRES for Economic Feasibility
		51	IMC based PID Controller for Steam Drum Level System
		262	Voltage sag/swell Compensation using PV-Cell based Dynamic Voltage Restorer
		110	A Review on Control strategies for LFC in Deregulated Scenario
		350	Proposed model for multi-parameteric load balancing in grid computing environment
		118	Real and Reactive Power Control of PMSG Based Wind Energy Conversion System with CSI Inverter
		131	Maximum Power Extraction For Direct Driven Variable Speed Wind Turbine System Using PMSG And Fixed Pitch Angle
		240	Performance Analysis of PTS for PAPR Reduction in OFDM System using Ant Colony Optimization

<p style="text-align: center;">Computer Science Section Day 1 : Technical Session I (1:30PM – 3:00PM)</p>	<p style="text-align: center;">Induction Hall, c-Block, First Floor, UIT</p>	16	A novel double gate FinFET transistor:device design and analysis
		18	Analytical Modeling and Comparison of Triple Gate MOSFET with Double Gate MOSFET
		27	ECG Signal compression using Data Sparsity property of 2D DWT and Huffman Coding
		48	Techniques of Generating Digital Signals for Control Applications using diverse Packages
		52	Automatic Solar Radiation Tracker
		168	Simulation of SAR imaging complexity and structural similarity through frequency domain algorithms using MATLAB
		266	Experimental Analysis of Shielded Stack Ring Resonator for Liquid Permittivity Measurement
		284	Memory Interface Controller using Xilinx' s Spartan family FPGA with SRAM Memory
		54	Comparative Analysis of 1-bit Full Adder using MTCMOS Technique at 45 nm Technology
		68	Dual Band Textile Antennas for ISM Bands
<p>第一天：海報展示部分</p>			

Day 1 : Poster Session (1:30PM-3:00PM)			
SECTION	VENUE	POSTER	
POSTER PRESENTATION	LAB 3, FIRST FLOOR, C-BLOCK, UIT	288	Information Security Management System (ISMS) Standards in Cloud Computing-A Critical Review
		156	Solar Cell Power Supply Design for Digital LED Automatic Electrical-Power Control System
		124	Representation of Sanskrit Sentences UNL(Universal Networking Language) Format
		108	Information Security: Management and Standards
		317	Emerging Trend of Use of UHMWPE Fiber Based Composite as Aircraft Building Material
茶歇 Tea Break (3:00PM-3:30PM)			
第一天：專業展示部分 II Day 1 : Technical Session II (3:30PM-5:00PM)			
SECTION	VENUE	PRESENTATIONS	
Computer science Section Day 1 : Technical Session II	Conference Hall, A-Block, First Floor,	22	Adaptive Cost Model for Cloud Broker using Rough Set and Fuzzy logic Technique
		134	A APPRAISE ON DIFFERENT ATTACKS IN

			WIRELESS SENSOR AD HOC NETWORK
		147	A Bluff Probe Approach to Detect Black Hole in AODV based MANETs
		159	VYOM: Energy Efficient Multichannel Broadcast Model for full text search on Wireless
		174	Robust Watermarking for Categorical Data
		176	Moving Object Tracking using Color based Particle Filter
		182	Travel Route finding using semantic web technology
		353	Analysis of Web Link Algorithms for Web page Ranking
Computer science Day 1 : Technical Session II(3:30PM – 5:00PM) (B)	Induction Hall, B-Block, Third Floor, UCEM		Prof. M. M. Gore
			邀請演說(Invited Talk)
		199	Design & Development of Image Data Security using Symmetric Key Cryptography Algorithm
		203	Comparative Study of Techniques for detection at First Stage of Node Capture Attack in a WSN
		207	FLANN: A Base Learner in Bagging for Credit Risk Assessment
		215	Spectral Analysis of Original and Mimicked Speech
		216	Objective and Subjective Measurements to Identify the Similarities between two Speech Segments

		217	An Approach for Indian Language Identification System using Prosodic Features
		Video Conferencing Session	
		322	Iris Recognition using Fractional Coefficients of Transforms, Wavelet Transforms and Hybrid Wavelet Transforms.
		299	Improved Hybrid Load balancing scheme for Interactive Applications using Network Latency
		278	Extended Performance Comparison of Transforms, Wavelet Transforms and Hybrid Wavelet Transforms For Robust Image Steganography
		249	Proximity Aware Load Balancing Using Node Conditions.
		189	PORTABLE NOTE-TAKER FOR THE BLIND
Electrical science Day 1 : Technical Session II(3:30PM – 5:00PM)	Conference Hall, B-Block, Ground Floor, UIT	143	An Instantaneous Reactive Power based Control Algorithm for Load Compensation of Polluted Tree-phase System using
		144	Load Frequency Control In Multi Area Hydro-Thermal Deregulated System Using Sliding Mode Optimal Controller
		146	Load Frequency Control In Multi Area Hydro-Thermal Deregulated System Using Sliding Mode Observer
		172	Minimum Variance Functional Filtering



			for Multirate Sampled Systems
		184	A Robust Third Order Sliding Mode Control of Rigid Underactuated Robotic Manipulator
		188	Control of Two Wheeled Mobile Robot Using Higher Order Sliding Mode Control
		258	Analog Based Average Current Mode Control PFC Converter for 3 Phases AC
Electrical science Day 1 : Technical Session II (3:30PM–5:00PM)	Induction Hall, c-Block, First Floor, UIT	94	A Novel Approach to Reduce Power in a 4 Bit Ripple Carry Adder Structure at Deep-Sub-Micron CMOS Technology
		101	REDUCTION OF LEAKAGE POWER USING STACKING POWER GATING TECHNIQUE IN SEQUENTIAL CIRCUITS AT
		102	Design High performance and Low Power 10T Full Adder Cell Using Double Gate MOSFET at 45nm Techniques
		103	Improvement of Design Issues in Sequential Logic Circuit with Different CMOS Design Techniques
		112	Power Delay Optimization of Gate-All-Around Silicon Nanowire FET: Scaled Universal Digital Logic Circuit in Deep
		125	Analysis of Leakage Current in Independent Gate FinFET Based SRAM Cell Using Leakage Reduction Techniques
		127	Simulation based Parametric Analysis and Designing of UWB Bicone and Discone

			Antennas
		263	Low Voltage and Low Power Fully Differential CMOS LNA for 5GHz Applications
		141	A Novel USBPHY-IP Validation Framework
		307	Ultra-Low Power Leakage Reduction with Reverse Body Bias Technique
		273	A Survey on Different Domino Logic Design Topologies for High-Performance and Leakage-Tolerant Wide OR Gate
		329	Implementation of Sayeh Processor in VHDL Using PERL Assembler
茶歇 Tea(5:00PM-6:00PM)			
文化之夜&晚餐 Cultural Night & Dinner(7:00PM onwards)			
Day 2 : August 04, 2013			
第二天：專業展示部分 III Day2 : Technical Session III(9:00AM-11:00AM)			
Computer science Section Day 2 : Technical Session III (9:00AM-11:00AM) (A)	Conference Hall, A-Block, First Floor, UCEM		Prof. R. R. Tiwari
			邀請演說(Invited Talk)
		247	3D-Playfair Cipher with additional Bitwise Operation
		67	RELIABILITY AND MAINTAINABILITY ASSESSMENT FOR XML BASED INFORMATION RETRIEVAL SYSTEM
		268	Developing an Intelligent Battlefield : E-R Network and Scale-Free Network

			Applications
		295	A Secure Key Issuing Protocol For Peer-To-Peer Networks
		300	Improving AOMDV Protocol for Black Hole Detection in Mobile Ad hoc network
		231	New Architecture for Fuzzy Association Rule Mining in Ecommerce Environment
		237	Comparative Analysis of Qos for WiMAX and 3G networks
		354	An offensive algorithm for multi-pattern parameterized string matching
<p style="text-align: center;">Computer science Section Day 2 : Technical Session III (9:00AM – 11:00AM) (B)</p>	<p style="text-align: center;">Induction Hall, B-Block, Third Floor, UCEM</p>	197	Comparative Study On Different Motion Detection Techniques: A New Virtual Mouse
		202	SPOKEN LANGUAGE IDENTIFICATION: STATE-OF-THE-ART
		204	Automatic License Plate Detection of Vehicle in Variable Contrast Images
		243	A DESIGN PATTERN FOR SYMMETRIC ENCRYPTION
		280	Block Based Information Hiding using DST-DCT, Haar-DCT, Walsh-DCT, Hartley-DCT Hybrid Wavelet Transforms
		362	Smart Radio Anti Collision Device(SRACD)
		79	Formal Specification Language Based IaaS Cloud Workload Regression Analysis

		333	An Efficient Feature Selection Approach for Materialized Views		
		342	EMOTIONS RECOGNITION OF BABY FACES USING FACIAL EXPRESSION		
Dr. J. N. Sinha					
邀請演說(Invited Talk)					
Electrical Section Day 2 : Technical Session III (9:00AM – 11:00AM)	Conference Hall, B-Block, Ground Floor, UIT	246	Design of contactless tachometer using Labview		
		256	Optimal Choice and Location of Multi-type FACTS devices in a Power System by Means of Genetic Algorithm		
		337	Testing and Evaluation of Stator Faults in Induction Motor Using Wavelet Analysis and Neural Networks		
		272	Design of Discrete Sliding Mode Observer based Optimal Controller for Load Frequency Control in Multi Area		
		198	Performance Enhancement of Cascaded Multilevel Inverter in PV system with Transformer less Topology		
		274	Analysis and Steady State Performance of Self Excited Induction Generator Used in Isolated Power Plants		
		Prof. S. Chatterjee			
		邀請演說(Invited Talk)			
Electrical Section Day 2 : Technical Session III	Induction Hall, C-Block, First Floor, UIT	310	A novel three band fractal patch antenna		
		145	A modified Control Algorithm for		

			Instantaneous Reactive Power Regulation and Harmonics Compensation of Load by D-
		155	A Model for Network Protection Design using Pre-Cross-Connected Trails
		157	A Novel Approach to Design dual Axis MEMS Capacitive Accelerometer
		331	Adaptive Tracking of Data in RLS Filter Based Data Acquisition System
		169	Network Coding in Wireless Sensor Network
		180	Energy Efficient Noise-An 8 Input Clock Delayed Domino OR Gate for scaled Down CMOS and 45 nm Technology
		47	Genetic Programming based Automatic Tumor Detection in MRI Brain Images
		160	Efficiency Improvement for 2x2 Multiple Input Multiple Output System using Rayleigh Lakes Quasi static mobile radio
Tea Break(11:00AM–11:30AM)			
Day 2 : Technical Session IV(11:30AM–1:30PM)			
Applied Mechanics Section Day 2 : Technical Session IV	Conference Hall, A-Block, First Floor, UCEM	Prof. V. Tirth	
		邀請演說(Invited Talk)	
		37	Steady State Thermal Analysis of a Pipe Useful in Chemical Industries based on FEM software ANSYS
		83	Influence of Electrode Material and Process Parameters on Surface Quality

			and MRR in EDM of CFEC using ANN
		86	Development of Eddy Current Damper of Deployment Mechanism for Space Telescope
		104	Role of amino-functional group of organic reagents on the morphology and particle size of ZnO semiconductor
		107	A Novel High Isolation Single-Pole Four-Throw RF MEMS Switch for X-band Applications
		151	Influence of tube dimensions in designing of straight tube CMF
		228	Computation of Multimetal Multiligand complex Formation Equilibria in Aqueous Medium involving Glutamic acid as Primary Ligand and Uracil as Secondary Ligand
		257	Design and Analysis of RF MEMS Varactor for Extended Tuning Range
		349	Extraction and Characterization of Essential Oils for Antimicrobial Activity
		352	Reserch & study for coat weight measurement of paper
		356	Slurry erosive wear study of D-GUN Sprayed coating on SAE 431
		361	Sonochemical Method for Synthesis of Shear Thickening Fluid
		357	AN EXPERIMENTAL ANALYSIS OF A PARABOLIC TROUGH SOLAR CONCENTRATOR FOR HOT WATER

		GENERATION		
<p style="text-align: center;"> <b>Electronics Section</b>  <b>Day 2 : Technical Session IV</b>  <b>(11:30AM – 1:30PM)</b> </p>	<p style="text-align: center;"> <b>Induction Hall, B-Block, Third Floor, UCEM</b> </p>	<b>Prof. K. P. Singh</b>		
		<b>邀請演說(Invited Talk)</b>		
		181	Low Leakage Low Ground Bounce Noise Power Gating Techniques for FinFET Based Ring Oscillator	
		183	Design and performance analysis of conventional CMOS and FinFET based XOR-XNOR circuit	
		186	Analysing the impact of low performance schmitt trigger with MTCMOS & VTCMOS techniques in nanoscale CMOS	
		191	CMOS technology to implement a self controllable level technique	
		192	Design and Analysis of FINFET Pass Transistor Based XOR and XNOR Circuits at 45 nm Technology	
		196	A LOW POWER, RAIL TO RAIL COMS BUFFER AMPLIFIER EMPLOYING MTCMOS TECHNIQUE	
		211	Design and analysis of low power frequency divider in nano scale CMOS technology in 40 nm technology	
		220	Simulation of Bluetooth Network for In-Vehicle Applications Considering Multipath and Fading Effects	
346	Static and dynamic power variance analysis of a modular multiplier for encryption and decryption algorithms			

<p style="text-align: center;">Electronics Section</p> <p style="text-align: center;">Day 2 : Technical Session IV (11:30AM – 1:30PM)</p>	<p style="text-align: center;">Conference Hall, B-Block, Ground Floor, UIT</p>	Dr. Nitin K. Tripathi	
		邀請演說(Invited Talk)	
		239	Tapered Slot Antenna with Reconfigurable Ring Slots
		253	Numerical Study and Analysis of n-ZnO/p-Si Heterojunction Based UV-Visible Photodetector
		260	Analyze the ATMOS configuration with VTH abolition logic in 4x1 MUX
		267	Reactivation Noise Suppression using Threshold Voltage Tuning Multi-Mode MTCMOS for CMOS Multiplier
		290	Selective Duty cycle Algorithm for Beacon-Enabled Low Rate Wireless Personal Area Networks
		296	Cylindrical antenna array synthesis for anticipated beam patterns using invasive weed optimization
297	A Novel Multi Band Planar Antenna for Bluetooth/WLAN, WiMAX and DVB-S Applications		
<p style="text-align: center;">Computer Section</p> <p style="text-align: center;">Day 2 : Technical Session IV (11:30AM – 1:30PM)</p>	<p style="text-align: center;">Induction Hall, First Floor, C-Block, UIT</p>	Dr. Ashish Khare	
		邀請演說(Invited Talk)	
		75	Unique Identification over Digital Social Network
		78	Privacy and Key Management Protocol Version2 in Mobile Wimax
355	Cross layer design for network lifetime extension with retry limit for		



			retransmission by sending the traffic to multiple
		271	A Simulation Study of Different Routing Protocol under the effect of traffic load by using Different Antennas in MANET
		244	Privacy in FP Tree Algorithm with and Without Trusted Party for Horizontally Distributed Databases
		336	Content Based Video Retrieval using Thepade' s Ternary Block Truncation Coding and Thepade' s Sorted Ternary Block Truncation Coding with various Color Spaces
		185	Revolution in Requirement Analysis by using Association Rule Mining Technique
		324	Enhanced hyperbolic Imaging for Ultra-Wideband Microwave Mammography
午餐 LUNCH(1:30PM-2:30PM)			
第二天：專業展示部分 V Day 2 : Technical Session V(2:30PM-4:30PM)			
Electronics section Day 2 : Technical Session V (2:30AM-4:30PM)	Conference Hall, A-Block, First Floor, UCEM		
			Prof. Sanjeev K. Khanna
			邀請演說(Invited Talk)
		335	Performance Analysis of ZigBee(IEEE 802.15.4 standard) for STAR and TREE Topologies with AODV Protocol

		325	Design, Simulation and Analysis of a high Reliability Series Ohmic RF-MEMS Switch for Telecommunication Applications
		319	Protection for Dynamic Multicast Sessions in WDM Networks using intelligent p-cycles
		314	Hardware Implementation of Detection of Age-related Macular Degeneration from Retinal Images
		308	Design of CMOS Adder Cell for LOW-Energy Applications
		302	Compact Dual Band Microstrip Patch Antenna for WiMAX lower band Application
		343	Analysis and review of possible e-pillwith wireless communication finding applications in biomedical
		219	POWER QUALITY MITIGATION OF MAGNET LOAD POWER SUPPLY USING ACTIVE FILTER
Computer section Section Day 2 : Technical Session IV (11:30AM – 1:30PM)	Induction Hall, B-Block, Third Floor, UCEM	232	Improve shape mathing and object recognition using different similarity measures
		309	A Review on High Utility Pattern Mining Using Pattern Growth based approach
		321	SWART: Secure Web Application Response Too
		250	Removing Ambiguity using Hybrid Semantic Similarity Measure

		255	A Bird' s-Eye View on Feature Extraction in EEG Brain Signal Analysis and Performance Comparison of Classifiers
		126	Horizontal Aggregations in SQL to Prepare Data Sets for Data Mining Analysis
		129	Next Generation Vehicular Traffic Management By VANET
		194	HMM Based Multi-Person Activity Recognition considering Efficient Individual and Interactive Features
		371	THE IMPACT OF TRANSFORMATION FUNCTION ON THE CLASSIFICATION ABILITY OF COMPLEX VALUED EXTREME
Electronics section Day 2 : Technical Session V (2:30AM – 4:30PM)	Conference Hall, B-Block, Ground Floor, UIT	282	DISCRETE SYSTEM APPROXIMANTS USING RATIONAL KRYLOV SUBSPACE TECHNIQUE
		259	Suboptimal Controller Design using Model Order Reduction Technique
		225	Designing Controllers using Chebyshev-Pole Clustering Approximants
		283	Advanced Technique to Reduce Current Harmonics of Power System for Nonlinear Load
		286	Simulation and Performance analysis of UPQC System for Nonlinear load
		292	Framing controllers applying padé approximation technique

<p style="text-align: center;">Student Review Section Day 2 : Technical Session V (2:30AM – 4:30PM)</p>	<p style="text-align: center;">Induction Hall, First Floor, C-Block, UIT</p>	254	WIRELESS LANs AND PANs
		261	RAILWAY SECURITY & MANAGEMENT AUTOMATION SYSTEM
		281	Green communications
		358	Advancements in optical communication
		359	Wireless Data Transmission in Organizations using Li-Fi at Negligible costs
		364	Mobile Computing Security
		365	Voice Over IP-History, Advantages And The Success
		366	Transformation to Open Source
		367	Location Based Android Applications
		368	Cyber attacks by hackers
		369	Intelligent Transport System-A new era in Transport Management
		370	BIOMETRICS
		360	MEMS MIRROR ARRAYS
		245	Comparative Study of 3G & 4G
		236	Subcutaneous blood glucose inverse optimal control type 1
		362	Smart Radio Anti Collision Device(SRACD)