Amity Institute of Telecom Technology & Management (AITTM)
&
IETE Sub Centre Amity University NOIDA
Organize

International Conference on Telecommunication and Networks (TEL-NET2013)

tel-NET

27th & 28th February 2013
PROGRAMME SCHEDULE (Tentative)

Day 2: Thursday, 28 February, 2013

Technical Session 2 (10:00hrs-11:30hrs)

Session 2A : **Advancements in Electronics, Antenna and Digital signal processing**

VENUE: F1 MDP ROOM
Session Chair: Dr Mihir Mohanti, Assosiate Prof. Dept of ECE ITER, Orissa
Session Co-Chair: Dr Deepak Kumar, AIIT
Faculty In-charge: Mr. Anil Kr Shukla

10:00hrs-10:10hrs	Design and Performance Analysis of Sound Level Meter Sushil Kumar
10:10hrs-10:20hrs	Design and Performance of Eleven Stages CMOS Ring Oscillator in 45 nm Technology Sushil Kumar
10:20hrs-10:30hrs	Microcontroller Based Safety Guard System for Bliind Ruchi Gupta, Alka Verma
10:30hrs-10:40hrs	An Artificial Neural Network based approach of rejecting static Clutter from the covariance matrix containing low velocity, small RCS Target in case of Monostatic airborne Radar M Chakraborty, P Karmakar, B Maji, D Kandar
10:40hrs-10:50hrs	Performance Analysis with Multi-antenna for MIMO Wireless System Monalisa Bhol, Sikha Mishra, Mihir Narayan Mohanty
10:50hrs-11:00hrs	New Fast and Efficient Progressive Switching Median Filter for Digital Images Lav Kedia, Ritesh Kumar
11:00hrs-11:10hrs	Design of Compact BPF for UWB Communication using Multi-Physics Malabi Singh, Mihir Narayan Mohanty
11:10hrs-11:20hrs	A Novel Geometry of Wideband Microstrip Patch Antenna with Finite Ground Plane Sanyog Rawat, K K Sharma
11:20hrs-11:30hrs	Stacked Multiband Triangular Fractal Antenna for Mobile Communications Sumit kumar, Richa Sharma

Session 2B   :   **Optoelectronics and optical communication**
                     <u>VENUE: F1 SEMINAR HALL</u>

Session Chair: **Prof S P Ojha, Former Vice Chancellor CCS University/**
                        DR. S. K. AGGARWAL, Former -Director e-infrastructure projects,
                        Government of India, DEITY, India
Session Co-Chair: Dr Alpna Goyal
Faculty In-charge: Dr. Arun Kumar

10:00hrs-10:10hrs	Performance Evaluation of DWDM Systems by Using Various Amplifiers Amit Kumar Gautam, Brahm Raj Singh Gurjit Kaur
10:10hrs-10:20hrs	Free Space Optical Communication Anshul Vats[1], Hemani, Kaushal[1], V.K. Jain[2]
10:20hrs-10:30hrs	Model and Simulation of Different Pumping Method in Erbium- Doped Fiber Amplifier Md Mustafa Kamal,
10:30hrs-10:40hrs	Anthropogenic Treaty Shefali Nagar, Shikha Puri, Priyanshi Dwivedi
10:40hrs-10:50hrs	Metamaterials: A new boon in design of Frequency Selective Surfaces *Reepika Sharma Ankush Kapoor*
10:50hrs-11:00hrs	Performance Analysis of OCDMA System using Various Amplifiers Charu Singh, Brahmraj Singh, Brijesh Jaiswal

Session 2C   **: Current and Futuristic Trends in Telecom Technology/Information communication Technology**

<u>VENUE: F2 AUDITORIUM</u>

Session Co Chair:Mr. V K Arya, former Senior General Manager, Telecom Engineer Centre(TEC)
Session Co-Chair: Ms. Tanya Singh, AIIT
Faculty In-charge: Jitendra S Jadon

10:00hrs-10:10hrs	Synchronization Techniques for OFDM Systems Pratima Manhas[1] , Shaveta Thakral[2]
10:10hrs-10:20hrs	Plug And Play VOIP with Raspberry Pi for Small Scale Industries Prof. Chirag Gohel, Himanshu Madhavani
10:20hrs-10:30hrs	New Emerging Era of Communication: Broadband Technology - A REVIEW Mitesh Sharma
10:30hrs-10:40hrs	Review on Recent Energy Efficient Techniques in Wireless Sensor Networks Jyoti, Ranjana Thalore, Manju, Urvashi Singh
10:40hrs-10:50hrs	Role of Telecommunications Network in Universities A.Dr.C.G.Nayak B. Mr. Balbir Singh
10:50hrs-11:00hrs	Routing of autonomous wheeled mobile robot in external environment using Wireless Sensor Network Anuj Chadha
11:00hrs -11:10hrs	Computational Intelligence in Wireless Sensors Networks Janani Rajaraman

11:10hrs -11:20hrs	An Adaptive Cross Layer Routing Mechanism to Optimize Qos in MANET V.Dhilip Kumar, Dr.Debdatta Kandar, Prof.C.K.Sarkar
11:30 hrs-12:00hrs	Tea Break

Invited Talks
VENU: F1 SEMINAR HALL
Faculty In-charge: Dr Dheeraj Pawar

12:00hrs-12:20hrs	**Photonic Crystal** Prof S P Ojha, Former Vice Chancellor CCS University
12:20hrs-12:40hrs	**"MEMS for Wireless Communication".** Prof. (Dr.) Shiban Koul, Professor & Head, Centre for Applied Research in Electronics (CARE), IITDelhi
13:00hrs-13:20hrs	Question & Answers

Workshop on NGN (Concurrent Session)
VENUE: F3 MDP HALL

10:30hrs-13:30hrs	**Conducted by: Mr. S N Gupta, Chief - Corporate Affairs, Sterlite Technologies Limited New Delhi, IndiaGovt. Of India, Former Member TRAI** **Faculty In-charge: Ms. Neha Arora**
13:30hrs-14:30hrs	**Lunch**

Valedictory Function (14:30hrs-15:45hrs)

VENUE: F1 SEMINAR HALL

14:30hrs -14:40hrs	Welcome address by **Lt. Gen. P.D. Bhargava, Gp. Dy. Vice Chancellor-AUUP & Director General-AITTM, Conference-Chair TEL-NET 2013**
14:40hrs -14:50hrs	Brief Summary Report of **TEL-NET 2013 by Prof. R K Kapur, Dy. Dir & Head AITTM, Convener TEL-NET 2013**
14:50hrs -15:00hrs	Address by **Dr. Balvinder Shukla, Acting Vice Chancellor, AUUP, Vice-Patron TEL-NET 2013**

Time	Event
15:00hrs-15:10hrs	Address by Guest of Honor **Mr. S. N. Gupta, Chief - Corporate Affairs, Sterlite Technologies Limited New Delhi, IndiaGovt. of India**
15:10hrs-15:20hrs	Address by Guest of Honor **Prof. Dr. Shiban Koul, Professor & Head, Centre for Applied Research in Electronics (CARE), IITDelhi.**
15:20hrs -15:30hrs	Address by Guest of Honor by **Prof S P Ojha, Former Vice Chancellor CCS University**
15:30hrs -15:40hrs	Blessings by **Dr. Ashok K Chauhan, Founder President, Amity Education Group and Chairman, AKC Group of Companies**
15:40hrs- 15:45hrs	Vote of thanks by Mr **Arvind Kumar, Organizing Secretary TEL-NET 2013**
15:45hrs	High Tea