

## Faculty Profile

**DR. NARENDRA SINGH**  
**DIRECTOR GENERAL & CHAIRMAN**



### **EDUCATION**

Post Doctoral: Dept. of Fuel & Energy, University of Leeds, UK;  
Research Solar Energy Utilization: Oct. 1994-June, 1995.  
Ph.D From Indian Institute of Technology (IIT), Delhi  
M.Tech From Indian Institute of Technology, Delhi  
Energy Studies -1<sup>st</sup> Division  
Specialization: Solar Energy – 1988.

### **WORK & RESEARCH EXPERIENCE:**

<b>S.No.</b>	<b>Designation</b>	<b>Place of Work</b>	<b>Years</b>
1.	Senior Research Scholar	Centre of Energy Studies, IIT Delhi	1983-1986
2.	Senior Scientific Officer-II	Department of Non-conventional Energy Sources, Govt. of India	1988-1998
3.	Deputy Director	All India Council for Technical Education	1998-2001
4.	Senior Scientist (Equivalent to Director)	Ministry of New & Renewable Energy, Govt. of India	2001-2008
5.	Director	World College of Technology and Management (WCTM), Gurgaon	2009- till date

### **PROFESSIONAL EXPERIENCE:**

- Associated with installation, commissioning and testing of India's first 50 kW solar thermal plants at Solar Energy Centre.
- Involved in techno-economic feasibility and technology assessment studies for India's first 30MW solar thermal power plant.
- Coordination, monitoring and evaluation of sponsored R&D Projects to Institutions, Universities etc. in the field of solar energy.
- Thermodynamic analysis of heat cycles for solar thermal power generation, and techno-economic evaluation of parabolic trough based solar thermal power system for typical Indian conditions

### **SPECIAL TRAINING:**

Awarded UNDP fellowship for training in Solar Energy in USA & Australia. Highlights of the training are as follows:

Solar Heat Engines : Prof. S.Kaneff

Technology Transfer :	Research School of Physical Sciences Australian National University, Canberra Prof. W.W.S. Charters Dean Faculty of Engineering Dept. of Mechanical Engineering, University of Melbourne, Melbourne, Australia
Solar Architecture :	Florida Solar Energy Centre Cape Canaveral Florida
Solar Photovoltaics Technology/Design/Sizing :	South-West Experiment Station Las Cruces, USA

Besides the above, visited & interested with leading scientists & experts/academicians  
Worked in solar energy in following Universities/Institutions in USA & Australia.

- University of California, Berkeley, USA
- University of Miami, Miami, USA
- California Energy Commission, USA
- University of Sydney, Sydney, Australia
- University of Queensland, Brisbane, Australia

#### **FELLOWSHIPS:**

- UNDP-GEF Fellowship to Germany/Austria on Technology Transfer in Biomethanation Technologies.
- UNDP fellowship for training in technology transfer in the field of Solar Energy in USA & Australia
- Research fellowship of the University Grants Commission, India
- M.Tech fellowship at IIT, Delhi

#### **RESEARCH PUBLICATIONS:**

- Optimum Operating Temperature and Efficiency of Solar Thermal Power Generation, N.Singh and S.C. Kaushik, Journal of Heat Recovery System & CHP, Vol 14, No.6, p 633-638, 1994.
- Techno-economic Evaluation of Solar Thermal Power Generation : A Case Study for Indian Condition, N.Singh and S.C. Kaushik, International Journal of Solar Energy, Vol 18, p 1-5, 1995
- Thermal Modeling and Energy Conservation Studies of Rankine cycle System with Regenerative Heat Exchanger, S.C. Kaushik, A. Dubey and N. Singh, Journal of Heat Recovery System & CHP, Vol. 14, No.1
- Thermodynamic Analysis of a Brayton Cycle for Solar Thermal Power Generation, N. Singh and S.C. Kaushik (in communication).
- Design, Testing and Performance of 50 kW Solar Thermal Power Plant, N.Singh et al., national Solar Energy Convention, Udaipur (India), p. 355-359, 1989.
- Effect of Solar Collector Design Parameters on The Operation of Sterling Power System
- N.Singh, B.M. Gibbs and S.C. Kaushik, p 195-200, Vol21 Int. Journal of Energy Research, 1977
- A New Socio-economic Approach for Corporative Evaluation of Electricity Generation Projects, S. Mohan, G.D. Sootha, Narendra Singh, World Energy Council, 15<sup>th</sup> Congress (Madrid, Spain) Discussion2, Energy and the Economy, pp 258-266.
- Role of Renewable Energy Technologies in Indian Energy Scenario, Ved Mitra, Ashvini Kumar, Narendra Singh, National Workshop on Energy Conservation, New Delhi, 8-9 Sept. 1995, Orgn. By Rajiv Gandhi Foundation & The Institution of Engineers (India)

- Technology Assessment and Economic Evaluation of Solar Thermal Power Systems: A State of Art Report, N.Singh and S.C. Kaushik, Nov.1993
- Optimization of Back-up Capacity in Fossil Fuel-Solar Thermal Hybrid Power Plants, S.Mohan, N.Singh and G.D. Sootha, Seminar on Solar Power System, Alustha (USSR), April 25-26, 1991
- Transient Analysis for Trouble Shooting in 50 kW Solar Thermal Power Plant, Gwalpahari, N.Singh et at., National Solar Energy Convention, Udaipur (India), Vol.5, No.1, p44-45, 1994
- Design Consideration in MW Scale Solar Thermal Power Plants, S.Mohan, N. Singh, R.S. Sharma, Urja Bharati (Special Issue on Solar Energy), Vol.5, No.1, p.44-45, 1994
- Case Study of Vernacular Architecture in Composite Zone: Experimentation and Thermal Modeling, N.Singh, p481-486, National Solar Convention, India, 1990

## **DR. RITU SINGH (Wife of DR NARENDRA SINGH)**

MANAGING TRUSTEE and DIRECTOR

### **EDUCATION**

- Post Doctoral Research : Enrichment of Coal, Department of Fuel, University of Leeds, UK; (1994-1995).
- Ph.D : Hydrocarbon from Petrocrops, Indian Institute of Technology (IIT), Delhi; (1987-92).
- M.Sc (Chemistry) : Chemistry, Indian Institute of Technology (IIT), Delhi (1984-86)
- B.Sc (Hons Chemistry) : St Stephen's College, Delhi University (1981-84)



### **WORK & RESEARCH EXPERIENCE:**

<b>S.No.</b>	<b>Designation</b>	<b>Place of Work</b>	<b>Years</b>
1	Scientist	IIT Delhi Research & Development work on analysis and upgrade of Petroleum Crude and Coal Liquefaction	1992-1994
2.	Sr. Scientific (ST-II) Officer	Centre of Material for Electronics Technology, Ministry of Information Technology, Govt. of India	1994-1996
3	Sr Scientific officer – I	Software Technology, Parks of India, Ministry of Information Technology, Govt. of India	1996-1999

### **PROFESSIONAL EXPERIENCE**

- Associated with Engineering Colleges in Jaipur & Bharatpur as Academic Advisor 2000-2007
- Associated with Ministry of Information Technology, Govt. of India for Monitoring Coordination, Evaluation, and formulation of Research Projects & Research Activities.

### **RESEARCH PUBLICATIONS:**

- ◆ Desulphurization of various Indian coals by Hydrogen Donor Solvent Extraction; Ratna Choudhury, A.K. Bhaktavatsalam and Ritu Singh; Proceedings of the Coal Utilization and the Environment Conference, Orlando, Florida, USA. Paper presented. Abstract Fuel 1993, Vol.72, No.5, P 707. Full Length paper Fuel 1993, Vol.72, No.6.
- ◆ Coal Ash minimization towards creation of Net Available energy, Ratna Choudhury, Ritu Singh and A.K. Bhaktavatsalam; Proceedings of 15<sup>th</sup> National Systems Conference, Roorkee, March 1992, pp 65-68,
- ◆ Enhanced liquid fuel from Single Biomass Species namely Calotropis Procera, Ratna Choudhury and Ritu Singh., Published in the proceedings of 9<sup>th</sup> International Congress on Energy and Environmental, Miami, USA, 1989, 82.
- ◆ Non-Polar Solvent Extraction of Calotropis Procera, Ratna Choudhury and Ritu Singh., Presented at National Conference of Petroleum Conservation Research Association, New Delhi, India in Feb., 1990.
- ◆ Enhanced Hydrocarbon extraction by Alkali Pre-treatment of Calotropis Procera-A Petrocrop, Ratna Choudhury and Ritu Singh, Accepted for publication in the Proceedings of Eco World 1992- 1<sup>st</sup> Annual Meeting, Washington Convention Center – Washington DC, USA.
- ◆ Enhanced Hydrocarbon Extraction from calotrops Procera – A petrocrop, Ratna Choudhury and Ritu Singh, Accepted for Publication in the Journal of Fuel Science and Technology international, 1992.
- ◆ Hydrocarbons from Calotropis Procera – Product Enhancement and Analysis, Ratna Choudhury and Ritu Singh, Accepted for Publication in the International Journal of Energy Research, 1992.
- ◆ Upgradation of a Petro Crop Extract to liquid fuels - Ratna Choudhury and Ritu Singh, Accepted for Publication in the International Journal – FUEL,1994/0091.
- ◆ Beneficiation of Indian Coal by Chemical Techniques - Ratna Choudhury and Ritu Singh., Presented at National Conference of Petroleum Conservation Research Association, New Delhi, India in 1994.

#### **FELLOWSHIPS:-**

- ◆ Nehru Centenary British Fellowship for post-doctoral research at University of Leeds, UK. 1994
- ◆ Research Fellowship of Council of Scientific & Industrial Research, India. 1986 (Nov)
- ◆ Research Fellowship of University Grants Commission, India 1986 (August)

**DR. N.D. KAUSHIKA (Retd. Prof. IIT, Delhi)**  
**PROFESSOR**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGG**



**EDUCATION**

- ◆ M.Sc. (Physics), 2002, Ph.D. (Radio Science)

**PROFESSIONAL EXPERIENCE**

- ◆ 2012- Continuing World College of Technology and Management, Gurgaon, Haryana. (Affiliated to MDU, Rohtak)
- ◆ 2010-2012- Professor and Director, AIGTR&S, Amity University, Noida.
- ◆ 2003- 2010- Professor and Principal Bhartiya Vidya Peeth College of Engineering.
- ◆ 1979-2003- Professor at Indian Institute of Technology (IIT), Delhi.

**RESPONSIBILITIES AT WCTM**

- ◆ Professor in Computer Science and Engineering working for maintenance of teaching-learning standards in the college. Director research in school of research and innovations supervising research in Solar Photovoltaic, Artificial Intelligence, and its applications in energy and environment systems.

**AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Shri S.S. Bhatnagar Research Endowment Award (Han om ashresh prerit) in energy conservation.
- ◆ IT Innovation Award-2012 for excellence in research and education.

**PROFESSIONAL MEMBERSHIPS**

- ◆ Dr. N.D.Kaushika has worked on several national & international committees.
- ◆ Expert member on National Board of Accreditation, He accredited several engineering colleges which are now deemed Universities
- ◆ Member, Sectorial Committee, National Board of Accreditation, AICTE (1999--).
- ◆ Member, Bureau of Indian Standards Committee (HMD-4) on Non-conventional Energy Sources
- ◆ Member, International Energy Foundation

**CERTIFICATIONS AND SHORTTERM COURSE**

- ◆ Best tutorial presenter award at international association for science technology and development (IASTED-2006) conference on communication systems held in Banff (CANADA)

## PUBLICATIONS AND PRESENTATIONS:

### RECENT RESEARCH PAPERS- INTERNATIONAL JOURNALS

- ◆ N.D. Kaushika and N. Singh. 2013. High Performance Solar Photovoltaics: A Review Accepted at International conference in Applied Energy (ICAE-2013), Pretoria, South Africa.
- ◆ R.K.Tomar,N.D.Kaushika S.C.Kaushik. 2012 .Artificial Neural Network Based Model for the Prediction of Direct Solar Radiation.Journal of Renewable & Sustainable Energy Vol. 4 ,063146
- ◆ Anil K Rai,N.D.Kaushika,Bhupal Singh and Niti Agarwal 2011.Simulation Model of ANN based maximum power point tracking controller for solar PV system .Solar Energy Materials &Solar Cells Vol.95,773-778 .
- ◆ N.D.Kaushika and Reeta Singh.2011. Simulation model for high efficiency of solar cells. Energy Science &Technology (CSC Canada).Vol.2 (1), pp 57-61.
- ◆ Anuradha Mishra , N.D.Kaushika Guoquiang Zhang &Jin Zhou .2008 .Artificial Neural Network Model for Estimation of direct solar radiation in Indian Zone , International Journal of Sustainable Energy.Vol. 27, 95-103.
- ◆ N.D.Kaushika and Anil K Rai .2007 An Investigation of mismatch losses in solar photovoltaic cell network ENERGY –An International Journal Vol 32 (5),755-759.
- ◆ N.D.Kaushika and Anil K Rai. 2006. Solar PV design aid expert system. Solar Energy Materials and Solar cells. 86, 2829 – 2845.
- ◆ N.D.Kaushika, Anuradha Mishra and M.N.Chakravarty. 2005. Thermal analysis of solar biomass hybrid cogeneration plants. Int. Jour. Sustainable Energy Vol. 24(4), 175 – 186.
- ◆ N.D.Kaushika, Nalin K Gautam and Kshitij Kaushik. 2005. Simulation model for sizing of stand alone solar PV system with interconnected array. Solar Energy Materials and Solar Cells, Vol.85 (4), 499– 519.
- ◆ N. D. Kaushika and Chaubey M., 2004 Laboratory Investigations of photo catalytic detoxification for the prevention of biological fouling of R. O. membrane **Int. Research Journal Chemistry & Environment** Vol 8 (2), 15-20.
- ◆ N.D.Kaushika 2003. Solar Ponds In: **Encyclopedia of Energy** Academic Press Inc. USA Vol.5, 651-659.
- ◆ N.D.Kaushika and K.Sumathy 2003. Solar Transparent Insulation Materials: A Review. **Renewable &Sustainable Energy Reviews**
- ◆ N. D. Kaushika and N. K Gautam. 2003. Energy Yield Simulations of Solar PV arrays. **IEEE Transactions on Energy Conversion**
- ◆ N. K Gautam and N. D. Kaushika. 2002. A Model for the Estimation of Global Solar Radiation using Fuzzy Random Variables. **Journal of Applied Meteorology**.
- ◆ N. K Gautam and N. D. Kaushika. 2002 .An efficient algorithm to simulate the electrical Performance of solar PV arrays. **Energy- The International Journal**, 27(4), 347-361.
- ◆ N. K. Gautam and N. D. Kaushika. 2002. 'Reliability evaluation of solar PV arrays'. **Solar Energy**, 72(2), 123-141. .
- ◆ N. K. Gautam and N. D. Kaushika. 2001. 'Network analysis of fault - tolerant solar PV arrays'. **Solar Energy Materials and Solar Cells**. Vol. 69, 25-42.

## **Dr. PRAMOD KUMAR**

PROFESSOR & REGISTRAR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

- Ph.D Specialization in Speech Recognition from BU
- M.Tech (ECE) from Delhi University
- B.Tech (ECE) from Delhi University



### **PROFESSIONAL EXPERIENCE**

- Six Year Teaching Experience
- Eight Year Industrial Experience

### **RESPONSIBILITIES AT WCTM**

- Registrar, WCTM
- Exam Controller of University Examination
- Students Enrollment with University.

### **AWARDS, HONORS AND FELLOWSHIPS**

- Research Fellow on DST Project
- Research Associate on CSIR Project

### **PROFESSIONAL MEMBERSHIPS**

- Member of IEEE.
- Member of college governing committee.

### **PUBLICATIONS AND PRESENTATIONS:**

- Two research papers published in national conference.

### **RESEARCH SUMMARY**

He has worked on the development of Automatic speech recognition system and voice controlled automatic motorized wheelchair for physically challenged persons.

## **AJAY KUMAR DAGAR**

VICE PRINCIPAL AND CO-ORDINATOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

- ◆ B.TECH (Electronics and Communication), Shivaji university KOLHAPUR.
- ◆ M.TECH from MDU Rohtak.
- ◆ Ph.D from Thappar University, Patiala.
- ◆ Advanced post graduate diploma in web designing and E-commerce technology from software technology group, New Delhi.



### **PROFESSIONAL EXPERIENCE**

- ◆ Total 16 years industrial/ academics experience.

### **RESPONSIBILITIES AT WCTM**

- ◆ Vice Principal
- ◆ Coordinator ECE Department.
- ◆ Coordinator M.Tech courses at WCTM

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Best Faculty award by KRDWG IIT, New Delhi.
- ◆ Best Faculty award at college level in 2007.

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Life membership of ISTE
- ◆ Also Member of IETE

### **PUBLICATIONS AND PRESENTATIONS**

Published several research papers in national and international conference on digital signal processing and robotics.

### **RESEARCH SUMMARY**

Mr Ajay Dagar's work is concerned with the optical signal processing using Matlab at M.Tech level and now he is doing thesis on digital signal processing using fractional Fourier transform.

## **MRIGANKA MOHAN CHANDA**

### **PROFESSOR & DEPUTY DIRECTOR**

DEPARTMENT OF MANAGEMENT STUDIES

### **EDUCATION**

- BE (Hons.) (Mechanical Engineering) – Jadavpur University.
- MBA (Finance) – Calcutta University.
- M.Tech(Computer Science) – Institution of Electronics & Telecommunication Engineers (IETE), New Delhi.
- Ph.D in Management from IGNOU.

### **PROFESSIONAL EXPERIENCE:**

Overall experience of over 35 years of management/ research/ teaching/ training in Government sector which includes the following Ministries/ Departments of Government of India:

- Indian Ordnance Factories Services (IOFS);
- Planning Commission;
- Ministry of Statistics & Programme Implementation (MOSPI); and
- All India Council for Technical Education (AICTE).
- Worked in various capacities in Government of India such as, Assistant Manager, Deputy Manager, Deputy Adviser, Director, Joint Adviser and Adviser. Last position held - Adviser, Planning Commission.

### **RESPONSIBILITIES AT WCTM**

- Teaching of management subjects in MBA (in WCTM) and PGDM (in KNS World Management College) Programmes such as: Customer Relationship Management (CRM), E-Commerce, Management Information Systems (MIS), Business Law, Service Quality, International Business, etc.
- Coordination with:
  - (i) NSIC for setting up of WCTM – NSIC Joint Technical Incubation Centre (TIC),
  - (ii) AICTE for various Research Promotion Schemes (RPS),
  - (iii) NBA for Accreditation matters, etc.



- Admission related works.

#### **AWARDS, HONORS AND FELLOWSHIPS:**

Received commendation for formulation and implementation of “Online Computerized Project Monitoring System for Central Sector Projects at Apex Level”, during the tenure in Ministry of Statistics & Programme Implementation (MOSPI), Government of India.

#### **PROFESSIONAL MEMBERSHIPS:**

Fellow of Institution of Electronics & Telecommunication Engineers (IETE), New Delhi.

#### **CERTIFICATIONS AND SHORT TERM COURSES:**

- Attended large numbers of Short Term Courses in Government Sector and received certifications for the same which includes:
  - Induction & Management Course in Ordnance Factories Staff College (OFSC) Nagpur,
  - Management Accounting in Institute of Cost & Works Accountants (ICWA) Kolkata,
  - System Analysis & Design of Computerized Systems in National Informatics Centre (NIC) New Delhi,
  - Project Monitoring & Management in Prima Vera and MS Project in Project Management Institute (PMI) New Delhi,
  - E-Governance Programmes of Government of India in National Informatics Centre (NIC) New Delhi, etc.

#### **PUBLICATIONS AND PRESENTATIONS:**

Organized a number of workshops/ seminars in the areas of Project Appraisal, Monitoring & Management in Ministry of Statistics & Programme Implementation (MOSPI) and Planning Commission, Government of India.

#### **RESEARCH SUMMARY**

The research topic for Ph.D is: “A Study on Effective Management of National Economic Planning through Soft Computing, ICT and E-Governance”.

The objective is to know about what is the optimum quantum of various concerned economic parameters in each of the chosen sector, so as to obtain best results in planning in terms of growth, investment, and equitable distribution of resources, by applying the above techniques.

## **ANJU BALA**

ASSOCIATE PROFESSOR AND COODINATOR

DEPARTMENT OF CIVIL ENGINEERING

### **EDUCATION:**

- ◆ B.Tech.(Honors), Punjab University
- ◆ M.Tech.,(Soil & Water Engg) Punjab University
- ◆ P.hd. (Water Resources Mgmt).



### **PROFESSIONAL EXPERIENCE:**

- Presently working as **Associate Professor cum Coordinator** in Department of Civil Engineering in **World College of Technology & Management**, Gurgaon since 3<sup>rd</sup> March 2009.
- Worked as **Research Associate** from 30<sup>th</sup> Aug 2002 to 8<sup>th</sup> Nov 2004 at Department of Environment Science, Indian Agriculture Research Institute, PUSA, New Delhi.
- Worked as **Research Fellow** from 24<sup>th</sup> Feb 1999 to 26<sup>th</sup> April 2001 at Department of Soil & Water Engineering, Punjab Agriculture University, Ludhiana.

### **RESPONSIBILITIES AT WCTM**

- ◆ Co-ordinator of Civil Engg. Deptt.
- ◆ Teaching undergraduate level courses Ground water Engineering, Engineering Hydrology, Fluid Mechanics, Surveying etc
- ◆ Cultural Programme Coordinator

At WCTM, Organizer of

1. National Conference on **Renewable Energy Resources in Green Building Technology-2013**
2. Workshop on **Latest Trends in Civil Engg. - 2012, 2013.**
3. Fresher's day Program like **Navrang -2010, 2011, 2012.**
4. Various cultural fest at WCTM like **ECHO-2011, World Fest -2012, Zenith- 2013.**
5. Chief organizer of **WCTM Convocation- 2012.**
6. Chief editor of WCTM Magazine **WCTM Pulse.**
7. Member of Anti-Ragging Squad

### **AWARDS, HONORS AND FELLOWSHIPS:**

- University Topper at M. Tech level at PAU Ludhiana.

- Gold Medalist in M. Tech at PAU Ludhiana
- University Scholarship for M.Tech. Programme

## PROFESSIONAL MEMBERSHIPS

- ◆ ISTE
- ◆ IAP

## CERTIFICATIONS AND SHORT TERM COURSES

- Five days Summer School on Digital Image Processing on July 2011 for ERDAS IMAGINE software.
- Five days training on Remote Sensing for Rolta Geometrica Software at Rolta geometrica Company Gurgaon.
- One month summer practical training at Hindustan Machine Tools (HMT) at Pinjore, Chandigarh.

## PUBLICATIONS AND PRESENTATIONS:

- Anju Bala, D.S. Taneja, H. Pathak (2003) "Prediction of Artificial Ground Water Recharge through Percolation Tank using Mathematical Models". ***Journal of Water Management Vol. 11(1) pp. 33-37.***
- Dr. Ram Karan Singh (2012) and Anju Bala "Monitoring of Evapo- Transpiration in Major Districts of Haryana Using Penman Montieth Method"***International Journal of Engineering Science and Technology(IJEST)***
- P.K. Aggarwal \*, B. Banerjee, M.G. Daryaei, A. Bhatia, A. Bala, S. Rani, S. Chander, H. Pathak, N. Kalra InfoCrop: A dynamic simulation model for the assessment of crop yields, losses due to pests, and environmental impact of agro-ecosystems in tropical environments. II. Performance of the model ***Agricultural Systems 89 (2006) 47–67***
- Anju Bala, Mukesh Kumar, Kishan Singh Rawat and Dr. D.S. Taneja, Mathematical Model to Predict Time Taken for Formation of Recharge Mound through Recharge from Percolation Tank. ***Journal of Agricultural Physics .***
- Attended international workshop on Global Challenges: Climate Change, Water, Environment and Society on March 2012 at ITM University Gurgaon.
- Presented paper on in international Workshop ispace-13 on March 2013 at ITM University Gurgaon " Estimation of Evapotranspiration using Surface Energy Balance Algorithm"

## RESEARCH SUMMARY:

**The research** work is concerned with application of Remote Sensing and GIS in water Resources Management. In her research work she is estimating important component of Hydrologic Cycle ie Evapotranspiration through these latest techniques ie Remote Sensing and GIS.

## **POOJA SAPRA**

ASSOCIATE PROFESSOR & COORDINATOR  
DEPARTMENT OF COMPUTER SCIENCE AND ENGG./INFORMATION  
TECHNOLOGY



### **EDUCATION:**

- ◆ B.Tech. (CSE) - Honors , Kurukshertra University;
- ◆ M.Tech. (IT) , Punjab Technical University;
- ◆ P.hd. (Data Base Security) , MRIU.

### **PROFESSIONAL EXPERIENCE:**

- ◆ Feb 2011-till date: Working as Head of department, Associate Professor , World College of Technology & Management, Gurgaon
- ◆ Sept 2007-feb 2011: Worked as Lecturer, CSE Dept., Apeejay College of Engineering, Sohna(Gurgaon)
- ◆ July 2004- sep 2007: Worked as Lecturer in CITM, Faridabad
- ◆ Sep 2002-July 2004: Worked as Lecturer in BM institute of engineering and technology, Sonipat.

### **RESPONSIBILITIES AT WCTM**

- ◆ Co-ordinator of CSE/IT Deptt.
- ◆ Teaching undergraduate and Post graduate level courses - Data Structure, Operating System, Intelligent System, Computer Architecture and Organization, Distributed Operating System, System Programming and System Administration, Fundamentals of Computer, Multimedia System, Advanced Computer Architecture, Network Security Management and Management Information System.

In the college she has also accomplished following responsibilities.

- Organizer of National Conference NCETCT'11 as a Convenor in World College of Technology and Management, Gurgaon on 17th September, 2011.
- Member of editorial board of journal IJIES.
- Organizer of Knowledge enhancement session'11 for faculty.
- Organizer of technical fest 'MENTE CAZA'13'

- Member of organizing committee of WCTM fest 'Navrang'-11, 12.
- Organizer of WCTM Convocation-2012.
- Member of Anti-Ragging Squad.
- Member of Editorial Board of College Magazine 'WCTM Pulse'.
- Organizer of workshop "Emerging Trends In Computing Technologies And Its Applications" as a Convenor in World College of Technology and Management, Gurgaon on 12th April, 2013.

#### **AWARDS, HONORS AND FELLOWSHIPS:**

- Silver medal in national talent search contest (mathematics & science).
- Best faculty award in 2005.

#### **PROFESSIONAL MEMBERSHIPS**

- ◆ IEEE and ACM

#### **PUBLICATIONS AND PRESENTATIONS:**

- "Multi-Agent Systems for Adaptive and Efficient Job Scheduling Service in Grids", International Journal of Computer Applications, Vol. 1, Issue.9, pp.19-23, February 2010.
- "New Challenges Hippocratic Database-Limited Disclosure", International Journal of Computer Applications, Vol. 1, issue 9, pp.84-86, February 2010
- "New Challenges in Hippocratic Database-Compliance", Proc. Of First International Conference on emerging trends in Computer Security, AEC, Maharashtra, October, 2010.
- "Hippocratic Database-Persisting privacy in e-banking" Proc. Of National Conference on Computing Technologies, Jaypee Institute of Engineering & Technology, Guna, December, 2010.
- "Core of Semantic Grid-Metadata", Proc. of Second National Conference on Emerging Trend in Computer Science and Information Technology, Alfalah College of Engineering, October, 2009.
- "Sources and Approaches to Metadata Management on Semantic Grid", Proc. of National Conference in Computing held at Rajeshvari Engg. College, Chennai, February, 2009.
- "Intrusion Detection System", Proc. of National Conference on Emerging Trends in Computing Technologies at World College of Technology and Management, Gurgaon , September, 2011.
- "Performance Analysis of Decomposition Techniques in Multilevel Secure Relational Database Systems", Proc. of CCSEIT in Coimbatore, October 26 ~ 28, 2012.

#### **RESEARCH SUMMARY:**

**The research** work is concerned with the database security. Her research includes the Design of multilevel secure database. In the proposed system, it also involves a technique for detection of deadlock and its recovery.

## **PARMINDER KAUR**

ASSOCIATE PROFESSOR, COORDINATOR & TRAINING & PLACEMENT OFFICER

DEPARTMENT OF ELECTRICAL ENGINEERING



### **EDUCATION**

- ◆ Master of Technology in Power System from Rajasthan Technical University, KOTA
- ◆ Master of Business Administration from ICFAI.
- ◆ Bachelor of Engineering in Electrical & Electronics from Visveswaraiah Technological University, Belgaum (Karnataka).

### **PROFESSIONAL EXPERIENCE**

- ◆ Since May 2009, working with World College of Technology & Management, Gurgaon as a Associate Professor, Coordinator – Electrical Department, Training & Placement Office & Admission Coordinator.
- ◆ Worked as a Deputy Manager in Tool and Machine Tool Engineers (DONRACKS).
- ◆ Worked as a Project Manager in Amartex Industries Limited.
- ◆ Worked as Process Associate (operations) in T P Verify Screening Services.
- ◆ Worked as a Lecturer in Electrical & Electronics Deptt, Ambala College of Engineering & Applied Research, Ambala Cantt.

### **RESPONSIBILITIES AT WCTM**

- ◆ Besides taking lectures, handles various Departmental tasks.
- ◆ Taking care of training & placements cell as Training and Placement Officer.
- ◆ Involved in admission process.
- ◆ Involved in advertisement and marketing for admissions also.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Received award with Certificate of Appreciation for delivering outstanding performance in the organization T P Verify Screening Services in March 2008.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Successfully completed ISTE – Short Term Training Programme on “Emerging Trends for Power System Protection” organized by Arya College of Engineering & IT and sponsored by Indian Society for Technical Education from 29<sup>th</sup> November, 2010 to 4<sup>th</sup> December, 2010.
- ◆ Certification from NIIT in DOTNET Technology including Visual studio 2005,C#(C-sharp),SQL Server 2005,XML,ADONET,ASP.NET,GUI from NIIT , Gurgaon.

## **PUBLICATIONS AND PRESENTATIONS:**

- Presented paper in All India Seminar on “Recent Innovations in Power System Protection” jointly organized by Arya College of Engineering & IT and Institutions of Engineers (India) Rajasthan State centre, Jaipur on 2<sup>nd</sup> & 3<sup>rd</sup> April, 2011.
- Presented paper on “Multimedia as a Educational Tool” in National Conference organized by Oxford College of Education on 16 January, 2012.
- Presented paper on “ Neuro & Fuzzy Control System” in National Conference held at AITM, Palwal on 14<sup>th</sup> and 15<sup>th</sup> April, 2012.



## **DEEPAK KUMAR**

ASSOCIATE PROFESSOR & COORDINATOR  
DEPARTMENT OF MCA

### **EDUCATION**

- ◆ B. Tech. (CSE). Kurukshetra University, Kurukshetra.
- ◆ M. Tech. (CSE) M.D. University, Rohtak.

### **PROFESSIONAL EXPERIENCE**

- ◆ Worked with CPA Global, Noida as IP Researcher for one year.

### **RESPONSIBILITIES AT WCTM**

- ◆ Coordinating MCA department.
- ◆ Teaching undergraduate & post graduate students.
- ◆ Computer Labs responsibilities.
- ◆ Responsible for Time Table and University Examination.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Ministry of Human Resource Development (MHRD) Scholarship 2006.

### **PROFESSIONAL MEMBERSHIPS**

- ◆ IEEE and Springer Link.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Completed 6 months training in computer assembly language from Ministry of Information Technology (MIT), New Delhi.
- ◆ Completed 8 weeks training in .NET Framework and designed a website for online vehicle purchasing .

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ "Search Engine: A Review" in National Conference of Advancement in Technology at IET Bhaddal, Punjab.

- ◆ “Implementation of Automated Discovery of Task Oriented Search Interfaces through Augmented Hypertext Documents” in National Conference Haryana Engineering College, Yamuna Nagar, Haryana.

**RESEARCH SUMMARY:**

Mr. Deepak Kumar has implemented a framework to crawl the hidden web in order to optimize search engine according to increasing size of the web. This work presents a new method to target the dipper web which is not possible with the help of conventional search engines. It uses search interfaces of different web portals as entry point for deep web and fires a common query on these search interfaces.

## **Dr. ANVITA SINGH**

### **ASSOCIATE PROFESSOR**

### **DEPARTMENT OF APPLIED SCIENCE**

### **EDUCATION**

- B.Sc. ,H.P.University, Simla
- M.Sc. (Chemistry), Banasthali Vidyapith, Raj.
- B.Ed. ,Kurukshehra Universty,Kurukshehra
- Ph.D (Chemistry), Kurukshehra University,Kurukshehra



### **PROFESIONAL EXPERIENCE**

- Presently working as Associate Professor in the Department of Chemistry, World College of Technology & Management, Gurgaon since 2007.
- Worked as Chemistry Lecturer to teach B.Sc. & M.Sc. Classes in Mukand Lal College, Yamuna Nagar for the session 1997-1998.
- Worked as Chemistry Lecturer in G.B.Pant Polytechnic from 2001-2003.
- Worked as Chemistry Lecturer in Deepalaya(NGO) from 2003-2007.

### **RESPONSIBILITIES AT WCTM**

- Teach Engineering Chemistry to undergraduate students.
- Student Career counseling.
- Admissions and Administrative work.
- Organizing various Seminars & Conferences.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- National Conference on Emerging Trends in Computing Technology.
- National Seminar on Capacity Building of Teachers of Technical Institute in Renewable Energy Sector.
- Workshop on Inclusive Education and Disaster Management

- National Seminar on Innovative Practices in Teacher Education—NCIPTE 2012

### **PUBLICATIONS AND PRESENTATIONS**

- 03 research papers published in Journals of International repute.
  1. Extractive Spectrophotometric determination of tin as Sn(II)-ferron complex (Fresenius Journal of Anal. Chem. Germany (1993)
  2. Spectrophotometric determination of Chromium (VI) with ferron(Fresenius Journal of Anal. Chem. Germany (1994)
  3. Rapid and Selective Method for the Spectrophotometric Determination of Tin Using Potassium Ethylxanthate, Mikrochim. Acta Austria (1994)

### **RESEARCH SUMMARY:**

Dr. Anvita Singh's work is associated with the Spectrophotometric Determination of some metal complexes. The main objective of her research work is to observe the chemical behaviour of tin metal in particular, in chelating complexes with different reagents like potassium ethyl xanthate, Ferron etc. The results were interpreted with help of UV-Visible spectrophotometric techniques.

## **RICHA BHARDWAJ**

ASSISTANT PROFESSOR & COORDINATOR

DEPARTMENT OF MANAGEMENT STUDIES

### **EDUCATION**

- ◆ B.A.(Psychology) , Maharishi Dayanand University ;
- ◆ MBA(Marketing & Human Resource Management) , Maharishi Dayanand University Rohtak .
- ◆ Ph.D from NIMS University, Jaipur.



### **PROFESSIONAL EXPERIENCE**

- ◆ July2005- Nov2005 as HR Executive at EMPI Business School
- ◆ Dec.2005 – Dec2006 as HOD BBA at Jhunjhunu International college, Jhunjhunu
- ◆ Jan.2007 – Jan2009 as lecturer in Management Deptt. at Sobhasaria group of Colleges, Sikar.

### **RESPONSIBILITIES AT WCTM**

- ◆ Active Participation in admission process.
- ◆ Member of cultural committee of college.
- ◆ Take PDP classes of engineering students.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Certificate in Instructional planning and delivery.
- ◆ 2 years Diploma in Computers.

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Bhardwaj, R. , 2008 “ Patents rights in the Indian Legal regime”. IJBER 2008 , Vol 1(pp.83-96)
- ◆ Bhardwaj, R. , 2008 “impact of E-Commerce on Indian economic models little to lose more to gain” in the International Conference ,Institute of Rural management, 26-27 September 2008,jaipur.

- ◆ Bhardwaj, R. , 2009 “conflict handling in the Indian business organizations: causes, consequences and policy options” in 4<sup>th</sup> national seminar Atmaram College of Engineering and Management, 21-22 nov. panipat
- ◆ Attended several conferences of national and international level few of them are:
  - National conference at Amity University
  - International seminar at TITS Bhiwani.
  - National conference at Sobhasaria group of colleges.

## **RESEARCH SUMMARY**

Ms. Richa’s work is concerned with creating and maintaining relations with customer. Her research determines the personal and emotional linkage to identify the needs of the customers

## **M.S. GAUTAM**

ASSISTANT PROFESSOR

DEPARTMENT OF MECHANICAL ENGINEERING



### **EDUCATION:**

- ◆ B.Tech. (Mechanical Engineering), U.P.T.U, Lucknow;
- ◆ M.Tech (Thermal Engineering), R.T.U., Kota.

### **PROFESSIONAL EXPERIENCE:**

- ◆ Total 5 years
- ◆ 2008-09: Lecturer, Aravali Institute, Faridabad.
- ◆ 2009-Onward: Assistant professor, World College of technology and management, Gurgaon.

### **RESPONSIBILITIES AT WCTM:**

- ◆ Member of organizing committee CAD/CAM workshops-2012, 2013
- ◆ Member of Tech FEST Committee
- ◆ Coordinator of Deptt. of Mechanical Engineering
- ◆ Teaches UG student of Mechanical Engineering and Other departments
- ◆ Coordinated for the establishment of the laboratories of Mechanical Engg.

### **AWARDS, HONORS AND FELLOWSHIPS:**

- ◆ 2nd position, B.Tech (Mechanical Engineering), K.C.N.I.T. Banda in 2007.

### **CERTIFICATIONS AND SHORT TERM COURSES:**

- ◆ Attended the Faculty Development Program after B.E., named as "Finishing School" at MALVIYA NATIONAL INSTITUTE OF TECHNOLOGY (MNIT), Jaipur.
- ◆ Training of PRO-Engineer Wildfire 2.0 at K.C.N.I.T., Banda
- ◆ Training of AutoCAD (2007, 2006, 2004), CADD CENTRE, Lucknow.

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Co-supervised five B.Tech thesis in solar power plant.

### **RESEARCH SUMMARY:**

Mr. M.S. Gautam's research work is concerned with the optimization of Pin Fin heat exchanger using CFD. CFD is considered to be a hardware intensive method of problem solving. Focus has been on optimization of shape and length of pin-fin for increasing the heat transfer rate in electronic devices using CFD.

## DR. NEETU SINGH

ASSOCIATE PROFESSOR & COORDINATOR

DEPARTMENT OF APPLIED SCIENCE

### EDUCATION

- ◆ B.Sc. (Physics, Statistics and Mathematics) from Dr. Bhim Rao Ambedkar University, Agra.
- ◆ M.Sc. (Mathematics) from Dr Bhim Rao Ambedkar University, Agra.
- ◆ Ph.D. (Mathematics) from Dr Bhim Rao Ambedkar University, Agra.

### PROFESSIONAL EXPERIENCE

- ◆ (Since 2008)- Associate Professor in **World College of Technology and Management**, Gurgaon, Haryana.
- ◆ (2005-2008)- Lecturer in **Hindustan College of Science and Technology (SGI)**, Mathura (Affiliated to UP Technical University).
- ◆ (2004- 2005)- Lecturer in R. B. S. College, Agra.

### RESPONSIBILITIES AT WCTM

- ◆ Coordinator of Department of Applied Sciences.
- ◆ Teaching U.G. and P. G. students.
- ◆ Organized a National Conference on **Renewable Energy Resources In Green Building Technology-2013**
- ◆ Member of Organizing Committee of various fests.
- ◆ Member of Women Welfare Committee and Discipline Committee.

### CERTIFICATIONS AND SHORT TERM COURSES

- ◆ Participated in the D. S. T. workshop **“Mathematical Modeling Optimization and Their Applications”** held during 23-27 April, 2007, Bharti Vidyapeeth University, Delhi.

### PUBLICATIONS AND PRESENTATIONS

- ◆ Jain, M., Sharma, G. C. and **Singh, N.**: **“Transient analysis of M/M/R machining system with mixed standbys, switching failures, balking, renegeing and additional removable repairmen”**
  - Published in *International Journal of Engg.*, Vol. 20, No. 2, pp. 169-182, 2007.
- ◆ Sharma, G. C., Jain, M. and **Singh, N.**: **“Performance analysis of Double ended Markovian queue for machining system with spares”**
  - Published in *International Journal of Information and Computing Science*, Vol. 11, No. 1, 2008.



- Published in proceedings of *National Conference on Information technology: Setting Trends in Modern Era & 8<sup>th</sup> Annual Conference of Indian Society of Information Theory & Applications*, March 18-20, 2006.
- ◆ Jain, M., Sharma, G. C. and **Singh, N.:** **“N-Policy for M/G/1 machine repair queueing system with spares, degraded failure, Bernoulli feedback and set up”**
  - Published in *Assam Statistical Review*, Vol. 21, No. 1, pp.27-48, 2007.
- ◆ Jain, M., Sharma, G. C. and **Singh, N.:** **“Performance prediction of multi components machining system with interruption and set up”**
  - Published in proceedings of *Conference on Differential Geometry and Topology in the Perspective of Modern Trends* (DGTPMT- 2006) at Dayalbagh Educational Institute, Agra.
- ◆ Presented paper entitled “Diffusion Approximation for  $G^X/G^Y/r+s$  Machine Repair Problem (MRP) with Mixed Spares, Balking, Reneging and Additional Removable Repairmen” in **“International Conference on Modeling of Engineering & Technological Problems”** held during January 14-16, 2009 at BMAS Engineering College, Keetham, Agra.
- ◆ Presented paper entitled “On Stochastic Decomposition in  $M/M/\infty$  Queueing System with Service Interruption and Balking” in **“VI International Symposium on Optimization and Statistics”** held during December 29-31, 2008 at the Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh.
- ◆ Presented paper entitled “State dependent M/G/1 retrial queue with unreliable server and multi-phases repair” in **“72<sup>nd</sup> Annual Conference of the Indian Mathematical Society”**, December 27-30, 2006, Department of Mathematics and Computer Science, Rani Durgawati University, Jabalpur.
- ◆ Presented paper entitled “Transient analysis of M/M/R machining system with mixed standbys, switching failures, balking, reneging and additional removable repairmen” in **“76<sup>th</sup> Annual Session of the National Academy of Sciences, India”**, **“National Conference on History of Mathematics and Recent Developments”** held at Department of Mathematics, Maharshi Dayanand University, Rohtak during December 20-22, 2006.
- ◆ Presented paper entitled “Performance analysis of Double ended Markovian queue for machining system with spares” in **“Conference on Mathematics”** Department of Mathematics & Astronomy, Lucknow University, Lucknow, November 18-19, 2006.
- ◆ Presented paper entitled “Optimal threshold policy for Markovian queue with discouragement and additional server” in **“National Symposium on Recent Advances in Optimization Theory and Applications, (RAOTA-2006)”** at University of Delhi during October 27-28, 2006.
- ◆ Presented paper entitled “M/M/R machine repair problem with standbys, switching failures, balking, reneging and additional repairmen” in **“76<sup>th</sup> Annual Session of the National Academy of Sciences, India”**, held at Indian Institute of Technology Bombay, Mumbai during October 6-8, 2006.
- ◆ Presented paper entitled “Performance prediction of multi components machining system with interruption and set up” in **“Conference on Differential Geometry and Topology in the Perspective of Modern Trends”** (DGTPMT- 2006) at Dayalbagh Educational Institute, Agra during February 18-19, 2006.

- ◆ Presented paper entitled “N-Policy for M/G/1 machine repair queueing system with spares, degraded failure, Bernoulli feedback and set up” in “**8 th Conference of the International Academy of Physical Sciences**” held in December 29-31, 2005.
- ◆ Presented paper entitled “N-policy for a machine repair system with spares and renegeing” in “**Conference on Mathematics**” Department of Mathematics & Astronomy, Lucknow University, Lucknow, December 11-12, 2004.

**RESEARCH SUMMARY:**

Dr. Neetu Singh’s research specialization is Operations Research. Her research interests include queueing theory, modeling and simulation. Her Ph. D. thesis entitled “Modeling and Analysis of Some Machining Systems: A Queue Theoretic Approach” was considered an excellent work on the subject. She has published 4 research papers in National and International journals and has presented/ published 10 papers in National and International conferences.

## **DR. NARESH SHARMA**

ASSISTANT PROFESSOR & JOINT COORDINATOR

DEPARTMENT OF APPLIED SCIENCE



### **EDUCATION**

- ◆ B.Sc. Hons (Maths) from Kurukshetra University, Kurukshetra.
- ◆ M.Sc.(Maths) from Guru Jambheshwar University, Hisar.
- ◆ M.Phil.(Maths) from Vinayaka Mission University, Salem(TN).
- ◆ Ph.D. in Statistical Mathematics from Maharishi Dayanand University, Rohtak.
- ◆ CSIR/UGC-JRF/NET- June, 2005 & GATE, 2004 Qualified.
- ◆ CIC(Certificate In Computing),2000 from IGNOU.

### **PROFESSIONAL EXPERIENCE**

- ◆ (Since Feb, 2011)- Assistant Professor, World College of Technology & Management, Faruhknagar (Gurgaon).
- ◆ (2006-2011)- Lecturer, APEEJAY College of Engg., Sohna(Gurgaon).
- ◆ (2003-2006)- Lecturer, Shah Satnam Ji Boys College, Sirsa.
- ◆ (2005-2006)- Guest faculty, CH. DEVI LAL UNIVERSITY, SIRSA.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching UG & PG Classes.
- ◆ Joint-Coordinator, Department of Applied Sciences.
- ◆ Incharge, Post-Matric Scholarship (For SC/ST students) at WCTM.
- ◆ Incharge of Time-Table.
- ◆ Assistant Editor of "International Journal to Interdisciplinary Engineering and Science" at WCTM.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ CSIR/UGC-JRF/NET, June, 2005 qualified.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ National Workshop on "Engg. Applications of Mathematics" held on 18th & 19th of Dec.2008 at D.C.R. University of Science & Technology, Murthal.
- ◆ National Workshop on "Recent Trends in Mathematics & computing (RTMC 2010)" held on 13th March,2010 at TITS, Bhiwani(Haryana).

## **PUBLICATIONS AND PRESENTATIONS**

- ◆ “Simulation of Service Station of Vehicles With One Server” published in International Journal of Computer, Mathematical Sciences and Application, Vol. 4, No. 1-2, Jan-June, 2010, pp. 85-97.
- ◆ “Optimization Model Of Toll Plaza Using A Combination Of Queueing And Simulation” Published in International Journal of Mathematical Sciences & Engineering Applications, Vol. 5, No. VI, November, 2011, pp. 331-346.
- ◆ “Simulation of Call Center With M/M/c/N Queueing Model” presented in National Conference COMPUTATIA- 2012 held at VIT, Jaipur, and paper is published in proceeding published by Rajasthan Academy of Physical Sciences at page 55-64.
- ◆ Paper titled “Optimization Model of Toll Plaza Using A Combination of Queueing and Simulation” to be presented in International Congress on “Productivity, Quality, Reliability, Optimization and Modelling” from 7th to 8th February, 2011 organized by ISI, QCI & DRDO held at New Delhi at Page No.77.
- ◆ Paper titled “ Simulation of Service Station of Vehicles With One Server” to be presented in International Conference on “Operational Research for Emerging Economics” from 6th to 9th December, 2009 organized by Asian Pacific Operational Research Societies (APORS), December, 2009 held at Jaipur at Page No.-50.
- ◆ Paper titled “ A Case Study Of Toll Plaza To Optimize The Queueing Length and Time By Simulation” to be presented in National Conference on “Operations Research Application: Future Trends (ORAF-2011)” from 23rd to 24th April, 2011 organized by G.L.Bajaj Institute of Technology & Management, Greater Noida.
- ◆ Paper titled “Performance Evaluation of Call Center By Simulation” to be presented in National Conference on “Mathematically Modeling, Simulation and Optimization (MMSO-2012) on 20th July, 2012 held at Chitkara University, Rajpura, Punjab at Page No. 56.
- ◆ “Simulation of Payment System of Supermarket” accepted for publication in International Journal of Interdisciplinary Engineering and Science.

## **RESEARCH SUMMARY**

**Dr. Naresh Sharma** research specialization is Statistical Mathematics. His work concerned with Simulation of Queueing Models. His research deals with optimization of the different real life models by using different simulation tools such as QMS, C, C++, R, Matlab etc. Dr. Sharma has published 4 research papers in National and International journals and has presented 4 papers in National and International conferences. He has attended 11 prestigious conferences/seminar/workshop.

## **DR. PRIYA SHRIVASTAVA**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

### **EDUCATION**

- ◆ B.Sc(Chemistry, Botany, Zoology) from Kanpur University.
- ◆ M.Sc(Organic Chemistry) from Kanpur University.
- ◆ Ph.D( Government Engineering College, Jabalpur) from R.D.V.V University.



### **PROFESSIONAL EXPERIENCE**

- ◆ (Since, 2012)- Assistant Professor, WCTM Gurgaon.
- ◆ (2009-2012)- Assistant Professor, ICFAI University, Ranchi.
- ◆ (2003-2006)- Principal, ICSE Schools Jamshedpur.
- ◆ (1999-2001)-Sr. Lecturer, Govt Engineering College, Jabalpur

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Engineering Chemistry to UG Engineering students.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ University Gold Medalist in M.Sc (Chemistry)

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Member of Asian Journal of Chemistry
- ◆ Member of Journal Food science and Technology

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Workshop on Catalysis at B.H.U.

### **PUBLICATIONS AND PRESENTATIONS**

- ◆ Nutritive value of some conventional leguminous seeds.  
Priya Saxena, S.K.Shrivastava and P.Saxena Ultra Science, Vol. 11(3), 346-351 (1999).
- ◆ Chemical composition of some conventional leguminous seeds.  
Priya Saxena, Pushplata Saxena and S.K. Shrivastava, Ultra Science, Vol. 12(1), 76-80 (2000).
- ◆ The study of solubility behaviour of some leguminous seeds at different pH.  
Priya Saxena, S.K.Shrivastava and P.Saxena Ultra Science, Vol, 12(1),29-33 (2000).
- ◆ Study of anti-nutritive factors in some new hybrid varieties of leguminous seeds.  
Priya Saxena, S.K.Shrivastava and P.Saxena Ultra Science, Vol. 12(3), 396-399 (2000).
- ◆ Fatty acid composition of some hybrid leguminous seeds.

Priya Saxena, S.K.Shrivastava and P.Saxena Bulletin of Pure and Applied Sciences, Vol.20(c) No.(1), 9-11 (2001).

- ◆ Amino acid composition of some new varieties of leguminous seeds.  
Priya Saxena, S.K.Shrivastava and P.Saxena Asian journal of chemistry, Vol. 14(No.2), (2002).
- ◆ Water calamity fluorosis  
Priya Saxena Asian journal of chemistry, Vol. 16(No.5) 30-32 (1998).
- ◆ The Nutritive aspect of leguminous seeds  
Priya Shrivastava accepted for the International Conference Proceedings by Rai University, Jharkhand.
- ◆ Carbon dating  
Priya Shrivastava Journal of ICFAI University (2012).

### **RESEARCH SUMMARY**

Dr Priya Shrivastava has worked on The Chemical and Biochemical Studies on Leguminous Seeds from Engineering College, Jabalpur. The aim was to extract the Protein content, Nutritive and Antinutritive value of the leguminous seeds. Her research was mainly to provide protein rich diet for those mass who either cannot afford the expensive protein rich food items or those who are shifting from non vegetarian food to vegetarian food.

## **SUDERSHAN KUMAR**

PROFESSOR

DEPARTMENT OF CIVIL ENGG.



### **EDUCATION:**

- ◆ B.E. (CIVIL) From Thapar Institute of Engg & Technology
- ◆ M.E.(HIGHWAYS) From Punjab Engineering College, Chandigarh
- ◆ M.B.A ( FINANCE ) Banglore University

### **PROFESSIONAL EXPERIENCE:**

- ◆ Thirty seven years in industry and education field. Worked with MECON (I)LTD for almost 35 years and was heading the Civil Engineering department at Delhi Office before superannuation.
- ◆ Also been on deputation to Govt. of Nigeria as a consultant for 3 years for setting for utility member.
- ◆ Presently working as Associate Professor in Civil engineering department at WCTM and engaged in teaching Subjects like Design of Concrete structures & Design of Steel Structures & Theory and Analysis of structures.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching : Mainly design related subjects to 3<sup>rd</sup> and Final year students.

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Life member of I.R.C.(INDIAN ROAD CONGRESS)

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Participated in number of National and International seminars and workshops as a delegate and as a speaker on varied subjects.

## **DR.SWARAN SINGH ARORA**

PROFESSOR

DEPARTMENT OF MECHANICAL ENGINEERING



### **EDUCATION:-**

- ◆ B.Tech. (Mechanical Engineering),SVNIT Surat , Gujrat University.
- ◆ M.Tech (Design & Production of Thermal Machinery, MANIT Bhopal, Bhopal University )
- ◆ Phd(Heat Transfer),Bhopal University

### **PROFESSIONAL EXPERIENCE:-**

(Industry: - 6 month &Teaching :- 45 years)

- ◆ Developed Renewable Energy center under INDO-UK RECs project at MANIT Bhopal. Also developed Heat Transfer Lab & Solar Energy Lab financed by HRD, Govt. of India.
- ◆ Commissioned officer in the corp of Engrs & served for 18 years as part time NCC officer.

### **RESPONSIBILITIES AT WCTM :-**

- **Teaching** undergraduate students.
- **Establishing of :-**
- ◆ IC Engines & gas turbine Lab
- ◆ Heat Transfer Lab
- ◆ Preparing of Lab Manuals for IC Engines & Gas Turbine Lab , Heat Transfer Lab , Engineering Graphics & Drawing Lab

### **AWARDS, HONORS AND FELLOWSHIPS:-**

- ◆ Gold Medal for M.Tech Course
- ◆ Got Prize from Hon'able Chairman of Northern India Engg. College for Excellent performance.

### **PROFESSIONAL MEMBERSHIP:-**

- ◆ Member of institution of Engineers , India
- ◆ Life Member of Solar Energy society of India
- ◆ Member of society of Automotive Engineers (SAE).

**CERTIFICATIONS AND SHORT TERM COURSES:-**

- Two Weeks appreciation course in Nuclear Power Engg. from Bhaba Atomic Research centre , Trombay.
- 3 month Industrial Training in Bhilai Steel Plant under QIP scheme.

**PUBLICATIONS :-**

- A book titled "Engineering Materials & Technology"

**RESEARCH SUMMARY:-**

- Published 60 research papers (4 International + 56 National )

## **DESH DEEPAK (IIT, Delhi Alumni)**

ASSISTANT PROFESSOR

DEPARTMENT OF MECHANICAL ENGINEERING

### **EDUCATION:**

- ◆ B.Tech. (Mechanical Engineering)-2007 ,UP Technical University
- ◆ M.Tech. (Engineering Mechanics, CFD)-2010, IIT Delhi.

### **PROFESSIONAL EXPERIENCE:**

- ◆ **INDUSTRIAL:** 2010-11, Design Engineer, TRATEC Engg. Pvt. Ltd.
- ◆ **TEACHING:** 2011-Onward, W.C.T.M. Gurgaon.
- ◆ Handled design assignments of super heavy load trailers from respected clients including the BEL, Defence Research and Development Organization.



### **RESPONSIBILITIES AT WCTM:**

- ◆ Teaches subjects like Engineering Mechanics, Fluid Mechanics and Machinery, Strength of Material, Theory of Machines, Industrial Engineering etc.
- ◆ Coordinated for the establishment of the laboratories of Mechanical Engg.

### **CERTIFICATIONS AND SHORT TERM COURSES:**

- ◆ Training of PRO-Engineer Wildfire 1.0 at G.L.A.I.T.M. Mathura.
- ◆ Training of AutoCAD (2000, 2004), CADD CENTRE, Lucknow.
- ◆ Training of ANSYS ICEM CFD at IIT Delhi.
- ◆ Training of ANSYS FLUENT at IIT Delhi.

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ **One research paper**, published and presented in an International Conference

### **RESEARCH SUMMARY:**

Mr. D.Deepak's research work is concerned with the accurate determination of Hydrodynamic Coefficient of an underwater vehicle using CFD. Focus has been on more accurate detailing of flows using CFD applying higher computational power, making it expensive. The derivatives obtained from the simulation of the quasi-static drift of the body with zero degree stern and rudder angle at various angles of attack and angular velocities give the stability HDCs. Stern and rudder angles control submarine motion and the simulation of the quasi-static drift of the body with non-zero degree stern and rudder angles give the control HDCs. This approach allows the development of templates - which mesh and execute a set of quasi-static CFD simulations to arrive at the values of the stability and control HDCs using modest computational resources and

cost - for trajectory simulations of concept designs of underwater vehicles without expensive real time CFD simulations of these motions.

## **BHARTI GUPTA**

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.

PHOTO



### **EDUCATION:**

- ◆ Diploma (IT) from SBTE Chandigarh;
- ◆ B.Tech. in IT (Honors), MDU;
- ◆ M.Tech(CE), MDU;
- ◆ Enrolled in Phd (CSE),CMJ University

### **PROFESSIONAL EXPERIENCE:**

- ◆ **July 2009-till date:** Working as Assistant **Professor, World College of Technology & Management, Gurgaon.**
- ◆ **July 2006-June 2009:** Worked as **Lecturer, CSE Dept., Apeejay College of Engineering, Sohna(Gurgaon)**
- ◆ AS A Trainee in HCL Noida

### **RESPONSIBILITIES AT WCTM:**

- ◆ Working as a project Guide of B.Tech student
- ◆ Seminar Coordinator
- ◆ Teaching under graduate and post graduate level courses-ADA, Advance Java.
- ◆ Organizer of National Conference NCETCT'11 in World College of Technology and Management, Gurgaon on 17th S Organizer of technical fest 'MENTE CAZA'13.
- ◆ Member of audition committee of WCTM fest 'Navrang' and ECHO
- ◆ Organizer of WCTM Convocation-2012
- ◆ Act as a Sectrery in Workshop on "Emerging Treands in Computing Technology and its Applications"
- ◆ Organizer of **technical fest 'MENTE CAZA'**

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Attended seminar on “Advancement and Outreach of information Technology : Introspection and the road ahead” sponsored in IIT Delhi during 28<sup>th</sup> December 2012.
  
- ◆ Attended Course on **NEW TRENDS IN MOBILE COMMUNICATION -AICTE**. Indian Society for Technical Education (ISTE) sponsored, in Rayat Institute of Engineering & Information Technology during June 23, 2008- June 27 ,2008.
  
- ◆ Participated in **Indian Society for Technical Education (ISTE)-National Science and Technology Entrepreneurship Development Board (NSTEDB)** sponsored Faculty Awareness Camp on Entrepreneurship (FACE) in RIEIT from june 28,2008 to june 30 ,2008

**PUBLICATIONS AND PRESENTATIONS:**

- ◆ National Conference on Future Trends In Software Development 2008 July 4-5, 2008 in **Manav Rachna College Of Engineering, Faridabad, Haryana.**
- ◆ 3G UMTS Services & Applications-a Review in National Conference NCEICS, 27 Sept 2008 in **Apeejay College of Engineering, Sohna Haryana.**
- ◆ Implementation of DSDV and AODV for minimizing BroadCast in MANET National Conference on Emerging Technologies & Advancements in Computing 2010 (NCETAC '10) in **Apeejay College of Engineering, Sohna Haryana.**
- ◆ Organized and presented National conference on Emerging Trends in Computing Technologies in **World College of Technology & Management , Gurgaon** on client server Technology
- ◆ International conference on Role of Management & Technology in Shaping INDIA in college of Management & Computer Application April 29-30, 2011 on working of web crawler.
- ◆ International Conference on Resurgng India-Myths and Realities March 17-18.2012 in **Teerthanker Mahaveer University, Moradabad** on Design a web crawler using VB.Net Technology.

## **NARENDER KUMAR (NIT, Alumni)**

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.



### **EDUCATION:**

- ◆ B.Tech., National Institute of Technology (NIT)Hamirpur, HP
- ◆ M.Tech., Deenbandhu Chhotu Ram University of Science and Technology,Sonepat,HR

### **PROFESSIONAL EXPERIENCE:**

- ◆ One year of experience in Lingayas University Faridabad as an Assistant Professor.
- ◆ Four years of Experience in IITT College of Engineering Kala Amb, HP as a Lecturer.

### **RESPONSIBILITIES AT WCTM:**

- ◆ Teaching undergraduate of Engineering subjects-Computer Architecture ,Advanced Computer Architecture and Fundamental of Computers and C Programming
- ◆ Handling NBA activities
- ◆ Member of organizing committee of **Workshop on Emerging Trends in Computing Technology** as Coordinator of Banner and Certificate committee.
- ◆ Member of **Anti ragging** Squad
- ◆ Member of organizing committee of **WCTM Convocation-2012**
- ◆ Member of organizing committee of **Annual function April-2013** as a member of discipline committee

### **PROFESSIONAL MEMBERSHIPS:**

- ◆ IEEE and Springer link

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Veeranna.D, Venkatesulu, Narender Kumar, “Firewall: Testing of Various Commercially Available Firewalls in New Operating Systems” in International journal IJCST, Vol. 3, Issue 1, Jan.- March 2012.
- ◆ Seema Kakkar, Narender Kumar, “Creating Topic Hierarchy with Clustering in Domain Specific Search Engine”, in international Journal IJESAT (2012), Volume-2, Issue-2, 358-364
- ◆ Narender Kumar, Mohit Wadhwa, Sattyam Kishor Mishra, “Evaluation of Various Classification Methods for Bioinformatics Research”, in National Conference on “Data Mining and Warehousing (NCDMW-12)”, 13<sup>th</sup>-14<sup>th</sup> April, 2012.
- ◆ Mohit Wadhwa, Narender Kumar, Sattyam Kishor Mishra, “Comparison Study of IPv4/IPv6 & Security Threats in IPv6”, in National Conference on “Data Mining and Warehousing (NCDMW-12)”, 13<sup>th</sup>-14<sup>th</sup> April, 2012
- ◆ Kapil Chawla, Neetu verma, Narender Kumar, “Analysis of Various Security Protocol in Wireless Sensor Network”, in National Conference on “Data Mining and Warehousing (NCDMW-12)”, 13<sup>th</sup>-14<sup>th</sup> April, 2012.
- ◆ Seema Kakkar, Narender Kumar, “Developing Domain Specific Web Search Engine Using Clustering”, in National Conference on “Data Mining and Warehousing (NCDMW-12)”, 13<sup>th</sup>-14<sup>th</sup> April, 2012.
- ◆ Workshop on Green Computing at DCR University of Science and Technology Murthal in May 2011

### **Research Summary:**

His research area includes data mining, machine learning and network security. He evaluated various classifiers (learning algorithms) on a machine learning benchmark WEKA compared the results with real data.

**VANDANA DABASS**  
ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.

**EDUCATION:**

- B.E (Honors) in **Computer Science and Engineering** from M.D.U,Rohtak
- M.Tech in **Computer Engineering** From M.D.U,Rohtak



**PROFESSIONAL EXPERIENCE:**

- ◆ Working as Assistant Professor (CSE) in WCTM, Gurgaon from Aug 2012 to till date.
- ◆ Worked as Assistant Professor (CSE) in P.D.M College of Engineering, Bahadurgarh from Feb. 2010 to June 2012.
- ◆ Worked as P.G.T (computer science) in Kendriya vidhyalya Gurgaon from Apr 2007 to Apr 2008.

**RESPONSIBILITIES AT WCTM:**

- ◆ Member of Editorial Board for IJIES.
- ◆ Teaching Various Graduate & Post Graduate Level Subjects of Computer Science & Engineering like Database management, Operating System, Computer Architecture and Organization, Distributed Operating System, Computer Graphics, Advance Computer Architecture, System and Network Management, Computer Network and Internet and Web Designing.
- ◆ Member of Organizing Committee for Annual Fest "Echo 2013".
- ◆ Co-Ordinator For Workshop "Emerging Trends In Computing Technology And Its Applications", Apr 2013.
- ◆ Organizer of LAN Gaming In Technical Fest "MENTE CAZA 2013".

**CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Attended seminar on "Advancement and Outreach of information Technology: Introspection and the road ahead" sponsored in IIT Delhi during 28<sup>th</sup> December 2012.
- ◆ Attended 2 days FDP (Faculty Development Program) in Bharti Vidhyapeeth College of engineering, New Delhi, Nov 2012.
- ◆ Attended a 2 days' workshop cum training program on software testing in P.D.M College of Engineering, March 2010.

**PUBLICATIONS AND PRESENTATIONS:**

- ◆ Presented paper on “Data migration from RDB to XML schema”, NCACI-2011, SPGOI, Rohtak..
- ◆ Presented paper on “Lossless data transformation from Relational databases to XML” NCFITSE-2011, P.D.M.C.E Bahadurgarh.
- ◆ Published paper on “Canonical Approach for Data transformation from Traditional databases to XML” in IJARCS (International journal of advance research in computer science) Volume 2, Issue 4, july-aug, 2011.

**RESEARCH SUMMARY:** Her research area is Database Migration from RDB to XML

in her M.tech thesis, where she proposed an algorithm for data migration from RDB to XML for its syntactic and semantic data loss and simulate it with Altova xml editor.

## **DR. SHACHI YADAV**

ASSISTANT PROFESSOR

DEPARTMENT OF MANAGEMENT STUDIES

### **EDUCATION**

- ◆ B.Com(Hons.)from B.H.U
- ◆ PGDBM from NIILM
- ◆ Ph.D. from Jamia Millia Islamia



### **PROFESSIONAL EXPERIENCE**

- ◆ Institute of Food Security (Ministry of Food and Supplies) –Management Trainer.
- ◆ IIMT-Oxford Brookes University Assistant Professor
- ◆ Algol School of Management and Technology- Assistant Professor
- ◆ Gurgaon Institute of Technology and Management- Lecturer

### **RESPONSIBILITIES AT WCTM**

- ◆ Involved in teaching of subjects in the area of Human Resource Management, Marketing and General Management.
- ◆ Overall personality development of students through business games, in basket exercises.
- ◆ Identifying focus areas in terms of employability of students. Highlighting potential weak areas in their personality and suggesting corrective actions.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Received award and Merit listed for best performance in HR specialization at NIILM-CMS.
- ◆ Received **Best Faculty award, 09** for excellent performance and student feedback at Algol School of Management & Technology

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Attended two day workshop on Research Methods and Report writing conducted by AIMA-Facilitator Prof. Naved Khan.
- ◆ PG Diploma in **Training & Development** from Indian Society for Training and Development (ISTD)

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Presentation and publication of the paper in national seminar organized by Amity on the topic “role of HR practices in stimulating the Employee Engagement after the Global Meltdown”, Nov 2009

- ◆ Presentation of paper in 5th international conference on services management on the topic “Corporate Philanthropy –the Bharti Way” May 2011.
- ◆ Publication of the article, “A framework for the assessment of genetically Modified crops: a societal debate” in Journal of Food Security Jan, 2011.
- ◆ Publication of the article, “ Exploring the Relationship between Socio- Cultural Factors and Tourist Satisfaction: A Study of Lotus Temple, New Delhi, India” in Emerald Publication “Worldwide Hospitality and Tourism Themes, Special Issue of WHATT”.

#### **RESEARCH SUMMARY:**

Research interests of Dr. Shachi include Employee Engagement, Business Ethics and CSR . Her research predominantly explored the impact of employee engagement on bottom line results of organizations. She has presented papers on national and international forums and has published on various behavioral issues.

## **AMITA ARORA**

ASSISTANT PROFESSOR

DEPARTMENT OF MANAGEMENT STUDIES

### **EDUCATION:**

- B.COM from Punjabi University, Patiala.
- M.B.A with specialization of Marketing & Human Resource Management from Punjab Technical University.
- M.Phil from Madurai Kamaraj University.
- Ph.D Pursuing from Punjabi University, Patiala.



### **PROFESSIONAL EXPERIENCE**

- Worked with India's Top Private Bank ICICI Bank in 2001.
- Academic-Worked as a Lecturer with Lala Lajpat Rai Institute of Management & Technology In Punjab (2001-2003).
- Worked as a lecturer in Kamarah Institute of Information & Technology (KIIT), Gurgaon (2005-2008).
- Worked as a Senior Lecturer in Apeejay College of Engg & Technology, Sohna (2008-2011).
- Presently working as Asst. Professor with World College of Technology & Management since 2011.

### **RESPONSIBILITIES AT WCTM**

- Teaching & mentoring M.B.A & PGDM students.
- Mentoring B.Tech students for Personality Development.
- Member of admission team.

### **PROFESSIONAL MEMBERSHIPS**

- Member of PCMA (Punjab Commerce & Management Association)

### **CERTIFICATIONS AND SHORT TERM COURSES**

- Diploma in Personnel Management & Industrial Relations from All India Council for Management Studies in 2003.
- Certification for working as a Deputy Superintendent at Amity Business School, Manesar in December, 2006.

### **PUBLICATIONS AND PRESENTATIONS:**

- Presented paper in HSB 1<sup>ST</sup> Annual Conference on -Business and Management at GJU Hissar on "Work Life Balance in terms of increasing performance & managing stress."

- Published paper in the national souvenir of –“Sharda Group of Institutions, Agra”
- Presented paper in PCMA-SMS 7<sup>th</sup> International Conference on-‘New Paradigms in Management Theory and Practice’ on “Feminist Contributions on Work-Life Balance”.
- Published paper in journal of –“National Conference on Finance & Banking (NCFB-Kerala 2010)”.

**RESEARCH SUMMARY:**

The research Topic for Ph.D is “Risk Management Practices: A Comparative Study of Public & Private Sector Banks”. The objective of the study is to analyze the contemporary Risk Management Practices in Public & Private Sector Banks specially related to Credit Risk & Liquidity Risk. The study is going to be helpful for Academia & Bankers.

## **ANKIT SETHI**

SENIOR LECTURER

DEPARTMENT OF CIVIL ENGINEERING

### **EDUCATION**

- ◆ B.Tech in Civil Engg. from Government Engg. College Jhalawar, RTU, Kota
- ◆ M.Tech in structural Engg. ,R.T.U, Kota

### **PROFESSIONAL EXPERIENCE**

- ◆ Worked as a lecturer in Govt. Engg. College Jhalawar from July 2011 to March 2012
- ◆ Presently working as a Senior lecturer at WCTM

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching undergraduate courses design steel structure, Irrigation Engg., Geotechnology, Construction And Concrete Technology etc.
- ◆ Incharge of the Site visit and Survey camp



## **SONAL BHUGRA**

SENIOR LECTURER

DEPARTMENT OF CIVIL ENGG.

### **EDUCATION:**

- ◆ A.M.I.E. (Civil Engg.), The Institution of Engineers ,Kolkata ;
- ◆ M.B.A. (HRM), Maharishi Dayanand University , Rohtak ;
- ◆ M.Tech. (Transportation Engg.), Maharishi Dayanand University, Rohtak



### **PROFESSIONAL EXPERIENCE:**

- Presently working as **Lecturer** in Department of Civil Engineering in **World College of Technology & Management**, Gurgaon since 23<sup>rd</sup> march 2010.
- Worked as **Lecturer** from 5<sup>th</sup> Aug 2009 to 21<sup>st</sup> March 2010 at Department of Civil Engg , Anupama Institute of Tech. & Management, Gurgaon.

### **RESPONSIBILITIES AT WCTM**

1. Time Table Incharge of Civil Deptt.
2. Active member of all Cultural Activities of Civil Deptt at WCTM
3. Teaching undergraduate level courses Structural- Analysis, Transportation Engineering, Design of Concrete Structures, Estimating & Costing etc.

At WCTM, She is member of organizing committee of

- ◆ National Conference on Renewable Energy Resources In Green Building Technology- 2013
- ◆ Workshop on Latest Trends in Civil Engg. -2012
- ◆ Various cultural fest at WCTM like ECHO- 2011, World Fest 2012, Zenith – 2013.
- ◆ Fresher's day Program like Navrang -2010, 2011, 2013

### **CERTIFICATIONS AND SHORT TERM COURSES**

- Three Months Training on Autocad 2-D, 3-D.

## **ASHIMA ARORA**

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



### **EDUCATION**

- ◆ B.Tech (Electronics & communication), KU Kurukshetra ;
- ◆ M.Tech (Electronics & communication), MDU Rohtak; PGDBA (HR), Symbiosis, Pune.

### **PROFESSIONAL EXPERIENCE**

- ◆ Presently working WCTM, Gurgaon as Assistant professor from Jan'12 – till date.
- ◆ Worked in PDMCE, Bahadurgarh as Assistant professor from Aug'08–Dec'11.
- ◆ Worked in NCCE, Israna as Lecturer from Feb'08- July'08 .
- ◆ Worked in SKIET Kurukshetra as Lecturer from Aug'04 – Jan'08.
- ◆ Worked in JIET Jind as Lecturer from Sept.'03- May'04.

### **RESPONSIBILITIES AT WCTM**

- ◆ Member of Organizing committee of workshop for ECE Deptt.
- ◆ Member of discipline committee in cultural Fest'12, Fest'13.
- ◆ Final year project Incharge

### **SHORT TERM COURSES:**

- ◆ PCB designing using ORCAD training program of 45 days at EMTECH Foundations, New Delhi.

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Presented a paper on “Implementation of an Effective Multiplier using SPST in FPGA ” on a seminar held at A.I.T.M, Palwal – November 2011.
- ◆ Presented a paper on “Small Satellite as PCs of Astronomy” at International Conference held at PDMCE, Bahadurgarh – June 2009
- ◆ Presented a paper on “Synchronous Optical Networks” at International Conference held at PDMCE, Bahadurgarh – June 2009
- ◆ Presented a paper on “Fuzzy Logic – An Insight ” at National Conference held at N.C.C.E. Israna Panipat – Sept. 2008

**RESEARCH SUMMARY:**

A.P, Ashima Arora is concerned with the effects of finite word length in digital filters. Her research involves the design of a fast multiplier in many Digital Signal Processing, Digital Image Processing and multimedia algorithm by making a balance between size & speed. She has conduct research on various compensation bias circuits used to reduce error introduced after truncating bits in multiplier for achieving less area of the device.

## **URVASHI BAKSHI**

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.



### **EDUCATION**

- B.tech (Honors) in IT, MDU.
- M.tech in IT, RTU.

### **PROFESSIONAL EXPERIENCE**

- Teaching Experience: 4.5 years

### **RESPONSIBILITIES AT WCTM**

- Currently teaching post graduate and under graduate students .

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Received meritorious award from Dronacharya College of Engineering during B.tech.
- ◆ Stood first during the course work in all 3 semesters of M.tech.

### **CERTIFICATIONS AND SHORT TERM COURSES:**

- Attended workshop on “Technologies and Development in Database management system” in Dronacharya College of Engineering during 17 July 2009.
- Attended workshop on “Web Development Technologies” in IET, Alwar during 11 March 2010.
- Attended seminar on “Advancement and Outreach of information Technology: Introspection and the road ahead” sponsored in IIT Delhi during 28<sup>th</sup> December 2012

### **PUBLICATIONS AND PRESENTATIONS:**

- “Intrusion Detection System” 1<sup>st</sup> National Conference NCETCT’11 at World College of Technology and Management, Gurgaon on 17<sup>th</sup> September, 2011.

### **RESEARCH SUMMARY:**

Currently working working in the field of face recognition with LDA and PCA algorithm.

## **BHAVNA**

LECTURER

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

- ◆ B.TECH (Electronics and Communication), Punjab Technical University
- ◆ M.TECH (Instrumentation and Control), National Institute of Technical Teachers' Training and Research, Chandigarh (Punjab university).



### **PROFESSIONAL EXPERIENCE**

- ◆ Worked as a lecturer in Shaheed Udham Singh Polytechnic College, Punjab from 2008 till 2009 (1 year).

### **RESPONSIBILITIES AT WCTM**

- ◆ Responsible for conducting theory lectures, seminars and practical on Electromechanical Energy Conversion, Microcontrollers & Embedded systems and Computer networks.

### **AWARDS, HONORS AND FELLOWSHIPS**

- Volunteered for the organization of, "Latest Trends in Telecommunication'06" (National Level Electronics Conference).
- Volunteered for Indian Society of Technical Education (ISTE) Section Level symposium. (23rd Sep. 2006).
- Volunteered for the organization of National conference on Renewable Energy Resources and Green Building Technology, 2013.

### **RESEARCH SUMMARY**

Ms. Bhavna's research work is based upon the modeling and simulation (Using OptSim Software) of Dense Wavelength Division Multiplexing (DWDM) systems and optimization of these systems for capacity enhancement to higher data rates using Erbium doped fiber amplifiers (EDFAs) and dispersion compensating fibers (DCFs).

## **POOJA KHOSLA**

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



### **EDUCATION**

- B.Tech (hons.)(Electronics and Communication) from PTU.
- M.Tech (hons.) (Electronics and Communication) from Punjab University, Chandigarh university campus.

### **PROFESSIONAL EXPERIENCE**

- ◆ 04 year of Academics + Industrial experience.

### **RESPONSIBILITIES AT WCTM**

- Involved in cultural and technical fest held in college
- Time table coordinator for ECE department
- Prepared documentation for NBA.
- Member of organizing committee for workshop in college on emerging trends in electronics.

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Life membership of ISTE

### **AWARDS, HONORS AND FELLOWSHIPS**

- Gold medal in diploma in ECE.
- Bronze medal in M.Tech
- Gold medal in paper presentation in National conference.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Short term course in networking from NIIT

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Published and Presented Two Paper in National and International Journal

### **RESEARCH SUMMARY**

Ms Pooja's work is concerned with the effects of image processing and contribution in daily life. She has done research in cotton industry on how we can detect the minor contaminants of white color from cotton that we can't detect with manual inspection, she has done that successfully with the help of image processing using MATLAB tool.

## **GURDEEP SINGH GREWAL**

ASSISTANT PROFESSOR

DEPARTMENT OF MECHANICAL ENGINEERING



### **EDUCATION**

- ◆ Diploma (Production and Industrial Engineering), from- P.S.B.T.E.
- ◆ B-Tech (Mechanical Engineering) from - Punjab Technical University.
- ◆ M.Tech (Manufacturing Techniques and Automation)from - Maharishi Dayanand University.

### **PROFESSIONAL EXPERIENCE**

- ◆ Teaching in World College of Technology and Management since July 2012.

### **RESPONSIBILITIES AT WCTM:**

- ◆ Organized CAD/CAM workshops-2013
- ◆ Member of Tech FEST Committee
- ◆ Teaches subjects to undergraduate students like Material Science, Theory of machines, Fluid machines, Basics of Mechanical Engineering etc.

## **PRAVEEN KUMAR SHARMA**

LECTURER

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



### **EDUCATION**

- ◆ B.Tech in Electronics and Communication from A.I.T.M, Faridabad  
Affiliated by M.D.U., Rohtak.
- ◆ M.Tech from M.D.U., Rohtak.

### **PROFESSIONAL EXPERIENCE**

- ◆ 6 months experience of Network Engineer at NSN, Noida.
- ◆ Presently I am working as a Lecturer in World College of Technology and Management (WCTM), Gurgaon [AICTE Affiliated by M.D. University, Rohtak] in department of ECE since Aug.2012

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaches Digital Electronics and Wireless Communication to undergraduate students.
- ◆ Member of college organizing committee for the following events:-
  - ▣ Workshop on “Advance and innovations in Electronics and Communication Devices, Systems and Applications” 2013.
  - ▣ Discipline committee.
  - ▣ National conference on Renewable Energy Resources and Green building Technology, 2013.
  - ▣ Sports day events, 2013.
  - ▣ Cultural fests at WCTM like, Zenith-2013.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ CCNA Certified network associate from Ducat, Noida.

## **JAGRITI GABA**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE



### **EDUCATION**

- ◆ B.Sc (Physics, Maths, Computer science) from Maharishi Dayanand University, Rohtak.
- ◆ M.Sc (Physics) from Maharishi Dayanand University , Rohtak
- ◆ M.Phil (Physics) from Maharishi Markandeshwar University, Mullana

### **PROFESSIONAL EXPERIENCE**

- ◆ (Since July, 2012)- Assistant Professor, World College of Technology & Management, Faruhknagar (Gurgaon).
- ◆ (2009-2012)- Assistant Professor, Rohtak Institute of Engineering and Management, Rohtak.
- ◆ (2008-2009)- Lecturer, Somany Institute of Technology and Management.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Engineering Physics to U.G Students.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ 2nd Rank Holder in M.Sc. (Physics) at Maharishi Dayanand University, Rohtak.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ She has qualified Haryana Teacher eligibility test for Science and Maths in the Year 2011.

### **RESEARCH SUMMARY**

Jagriti Gaba has worked on "Superposition Model Analysis of Spin Hamiltonian Parameters of  $Mn^{2+}$  ion in some host crystals". The ionic Radii of Manganese ion and Nickel ions are comparable, So the manganese ion on substituting the nickel cation site in Nickel Maleate Tetrahydrate (NMTH), causes minimum change in bond lengths and bond angles from the values obtained for pure compound, hence local distortion should be minimum for the host lattice.



## **MONIKA BHAT**

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

1. M.Tech. in Digital electronics from SVN University, Sagar, M.P.
2. B.E. in Electronics Engg. From North Maharashtra University, Maharashtra.
3. Diploma in Electrical Engg. From Govt. Polytechnic, Nashik.



### **PROFESSIONAL EXPERIENCE**

- ◆ Worked as Sr. Lecturer at B.B.D. University, Lucknow from August-2008 to April-2013.
- ◆ Worked as Senior Lecturer at M.C.S.C.E.T., Lucknow from May-2006 to July 2008.
- ◆ Worked as Lecturer in C.E.S.T., Lucknow from March-2005 to April-2006.
- ◆ Worked as lecturer in Govt. Polythetnic Jammu from July-2004 to February-2005.
- ◆ Worked as Assistant Engineer in R&D Deptt., ARO equipments at Gurgaon from Sept-2003 to June-2004.

### **RESPONSIBILITIES AT WCTM**

- Teaching B.Tech. students of Electronics & Commn. Engg.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Awarded best faculty award in M.C.S.C.E.T., Lucknow.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Attended faculty development program at TCS, Lucknow.
- ◆ Attended seminar on "IT and present Society".
- ◆ Attended seminar on "Human values and professional ethics".
- ◆ Attended seminar on "Wide area coverage of telecommunication".
- ◆ Attended faculty development program at Govt. Polythetnic, Jammu.
- ◆ Attended seminar on emerging trends in Electric Power System.
- ◆ Attended seminar on Magnetic Resonance Imaging (MRI) by Prof. Richard R. Ernst.
- ◆ Attended seminar on Fucushima Daiichi Nuclear Power Plant crises in Japa

#### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Presented a paper entitled “Microstrip Patch Antenna” in the National Conference (COTII-2013) held at A.I.T.M., Lucknow in Feb-2013.
- ◆ Presented paper entitled “Cybernetics” in the National Conference held at B.B.D.N.I.T.M. Lucknow in Jan-2012.

## **ARCHANA DUBEY SAXENA**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

### **EDUCATION**

- ◆ B.Sc. (Maths), 2001 from Vikram University, Ujjain.
- ◆ M.Sc, Hons. (Applied Mathematics), 2004 from Rajiv Gandhi Technical University, Bhopal.
- ◆ M.Phil. (Maths), 2009 from Vinayaka Mission University, Salem (TN).



### **PROFESSIONAL EXPERIENCE**

- ◆ (Since Jan, 2012)- Assistant Professor, World College of Technology & Management, Farukhnagar (Gurgaon).
- ◆ (2006-2012)- Assistant Professor Venkateshwar Institute of Technology, Indore.
- ◆ (2004-2006)- Lecturer, Central India Institute of Technology, Indore.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Engineering Mathematics to UG Classes.

### **RESEARCH SUMMARY**

“Dissertation on Replacement theory”

## **DEEPESH KUMAR THAKUR**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE



### **EDUCATION**

- ◆ B.A. Hons. (English) from Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur
- ◆ M.A. (English) from Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur .
- ◆ MBA (Finance) from Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur .
- ◆ Post-Graduate Diploma in Computer Application (PGDCA), 2008 from Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur (Bihar).
- ◆ ME (Education) from Indira Gandhi National Open University, New Delhi.

### **PROFESSIONAL EXPERIENCE**

- ◆ (Since July,2012)- Lecturer of English, Department of Applied Science, WCTM, Gurgaon.
- ◆ (2011-2012)- Lecturer of English, Department of Applied Science, Lingaya's University, Faridabad.
- ◆ (2009-2010)- Assistant Manager, Operation & Corporate Training, in Nokia-Siemens Networks Limited, Gurgaon.
- ◆ (2008)- Project Coordinator, Invoice in Nokia-Siemens Networks Limited, North Circle, New Delhi.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Communicative English, Soft Skills & PDP to PG & UG students.
- ◆ Member in Editorial Board of "WCTM PULSE" & "INTERNATIONAL JOURNAL".

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ University Rank holder in PG.
- ◆ Won various prizes in NSS, NYP, Sports & Games at College & University level.

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Member of All India Management Association (AIMA), An Apex body of Management Association, New Delhi.
- ◆ Member of "A Group of Ambitious Learners" (GOAL), Muzaffarpur.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Diploma in Computer Application (DCA) from MIT (DOEACC), Muzaffarpur.
- ◆ FDP (Faculty Development Programme) at Lingaya's University in 2012.

### **PUBLICATIONS AND PRESENTATIONS**

- ◆ Thakur, Deepesh Kumar “Importance of English Language for Professional & Technical Education” Lambert Academic Publishing (LAP), ISBN-978-3-659-18858-9 (2012).
- ◆ Thakur, Deepesh Kumar,: “Rural Infrastructure: A New Vision for Poverty Reduction”, ‘World Affairs’ The Journal of International Issues, Vol-XVI (4), October-December, 2012.
- ◆ Thakur, Deepesh Kumar, “Global Supply Chain Finance: An Analytical Approach to Overcome Market Opportunities”, Excel India Publishers, New Delhi, ISBN-978-93-82062-52-3
- ◆ Thakur, Deepesh Kumar, “Demographic Dividend of India: Myth or Reality”-Demographic Dividend: A major challenge in Northern States, Kunal Books, New Delhi, ISBN-978-93-80752-58-7
- ◆ Thakur, Deepesh Kumar, “Service Led Inclusive Growth: The Indian Perspective”, JIMS, Rohini, New Delhi, ISBN-81-7188-021-5, pp 201-213.
- ◆ *Presented a Paper entitled “Global Supply Chain Finance: An Analytical Approach to Overcome Market Opportunities”* in the National Conference at Lal Bahadur Shastri Institute of Management, Delhi held during August 17-18, 2012.
- ◆ *Presented and published in Compendium of Abstracts a Paper entitled “Indian English Fiction: Special Reference with Salman Rushdie”* in the National Conference at Manav Rachna International University, Faridabad held during 19<sup>th</sup> May, 2012.
- ◆ *Presented and published in Souvenirs a Paper entitled “Indian Economic status and its Impact on slowdown IT Industry: An Information Revolution”* in the National Conference at Jaipuria Institute of Management, Delhi held during 20<sup>th</sup> April, 2012.
- ◆ *Presented and published in Proceedings a Paper entitled “Indian Novels with special Reference to Anita Desai”* in the National Seminar at R.D.S. College, Muzaffarpur held during 14<sup>th</sup> & 15<sup>th</sup> April, 2012.
- ◆ *Presented a Paper entitled “Modern English Language & Literature: In Professional Technologies”* in the International Conference at SRM University, Ghaziabad and India Inter-Continental Cultural Association, Chandigarh held during 16<sup>th</sup> & 17<sup>th</sup> March, 2012.
- ◆ *Presented a Paper entitled “Rural Infrastructure: A New Vision for Poverty Reduction”* in the International Conference at PHD House, August Kranti Marg organized by JIMS, New Delhi held during 11<sup>th</sup> February, 2012.
- ◆ *Presented and published in Proceedings a Paper entitled “Psychology, Catharsis and Literature”* in the National Conference at Lingaya’s University, Faridabad held during 3<sup>rd</sup> & 4<sup>th</sup> February, 2012.
- ◆ *Presented a Paper entitled “Demographic Dividend: A major challenge in Northern States”* in the National Conference at IITM, New Delhi held during 21<sup>st</sup> January, 2012.
- ◆ *Presented and published in Compendium of Abstracts a Paper entitled “Educational Cultural and Confrontation for Participation in Huge & Most Valuable Industry: Motives of the Indian Students”* in the II WE ASC World Education Culture Congress 2012 an International Conference at the Indian Council for Cultural Relations and Indian Habitat Centre, New Delhi, from January 12-15, 2012.
- ◆ *Presented and published in Proceedings a Paper entitled “The Role of Educational Technology in the Education of Low English Proficient Students”* in the 1<sup>st</sup>

International Conference & 5<sup>th</sup> CSI National Conference on Education Research at Lingaya's University, Faridabad on January 12-13, 2012.

- ◆ *Presented a Paper entitled “**Financial Liberalization and Impact on the People of India**”* in 14<sup>th</sup> Annual Conference held by Indian Political Economy Association at A N Sinha institute of Social Studies, Patna (Bihar) on December 10-12, 2012.
- ◆ *Presented and published in Souvenirs a Paper entitled “**Problem and Prospects of Agro- based Industries in Bihar**”* in the National Seminar held on March 15-16, 2008 at L N Mishra College of Business Management, Muzaffarpur.
- ◆ *Presented and published in Souvenirs a Paper entitled “**Problem and Prospects of Agro- based Industries in Bihar**”* in the National Seminar held on March 15-16, 2008 at L N Mishra College of Business Management, Muzaffarpur.
- ◆ *Presented and published in Proceedings a Paper entitled “**Integrated Finance Management System for Construction Industry**”* in the National Conference-NCIS, held on February 17-18, 2007 at Institute of Advanced Computer & Research, Rayagada.
- ◆ *Presented and published in Proceedings a Paper entitled “**Woman Liberation and Portrayal of Woman in Modern English Literature**”* in the National Conference held on May 27-28, 2006 at Rameshwar Mahavidyalaya, BRA Bihar University, Muzaffarpur.
- ◆ *Participated in the National Seminar on the topic entitled “**Trends in Contemporary Indian poetry in English**”* held at MDDM College, Muzaffarpur on 19<sup>th</sup> -20<sup>th</sup> December, 2005.
- ◆ *Published Hindi poems entitled “**Calcutta Hum sabka Pyara hai**” & “**Desh Humara**”* in Hindi daily ‘**Dainik Vishwamitra**’ from Kolkata.

#### **RESEARCH SUMMARY:**

**Mr. Deepesh Kumar Thakur** has worked on “**The Importance of English Language for professional and Technical Education**”, the real objective behind the preparation of this dissertation is to gain exposure to the actual work environment and including the application, the required knock to guide theoretical knowledge towards facilitating its application. For any professional and technical education, the practical means is to close contact with the prevailing system in an organization, which has a great importance. In the age of liberalization & globalization of the economic and technological world of English language keeps the vital role in front of professional and technical students and their education. He has also worked on Project paper in **Management** entitled “**Investment Horizons & Volatility: An Analysis of the Indian Stock Market**”, the present results indicate that time diversification reduces risk and increase the expected return long-term investment could reduce risk significantly and increase return. In this volatile market it is suggested that to those investors who have a long portfolio in cash market, they must take a position in the derivative market for hedging.

## **MONIKA**

LECTURER

DEPARTMENT OF MCA/IT



### **EDUCATION:**

- ◆ B.Tech(IT), Guru Jambheshwer University of Science and Technology;
- ◆ M.Tech(CSE) Ch. Devi Lal University, Sirsa.

### **PROFESSIONAL EXPERIENCE**

- ◆ Working as a lecturer World College Of Technology And Management Gurgaon since July 2012.
- ◆ Worked as lecturer at Kalpana Chawla College, Hisar 2009-2010.

### **RESPONSIBILITIES AT WCTM**

- ◆ Working as a lecturer in Computer Science Department.
- ◆ Teaching under graduate and post graduate level courses – Software Engineering, C, Visual Programming Language ,Web Engineering.
- ◆ Member of Organizing Committee For Annual Fest “Echo 2013”.
- ◆ Co-ordinator For Workshop “Emerging Trends in Computing Technology and Its Applications”, Apr 2013.
- ◆ Member of Technical Fest “MENTE CAZA 2013”.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Certificate of a workshop on Ethical Hacking.
- ◆ Certificate of a paper presentation in national conference.

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Presented paper on” Mutation Testing for OO Programs” in National conference in TIT&S ,Bhiwani.

### **RESEARCH SUMMARY:**

Monika has performed a Mutation testing technique on object oriented programs. Through this testing best test cases are designed. Evaluation of the all types of mutants is performed using MUJAVA tool. A case study has performed on the various open source object oriented programs.

## **STUTI GUPTA**

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.

### **EDUCATION:**

- B.Tech. in CSE from Punjab Technical University.
- M.Tech. in IT from KSOU.

### **PROFESSIONAL EXPERIENCE:**

- Working as Assistant Professor (CSE) in WCTM, Gurgaon, from Jan 2012 to till date.
- Worked as Assistant Professor (CSE) in Indo Global Engineering College, Mohali, from August 2011 to November 2011.
- Worked as Lecturer (CSE) in Swami Parmanand College of Engineering and Technology, Mohali, from Jan 2010 to June 2011.

### **RESPONSIBILITIES AT WCTM:**

- Teaching Various Graduate & Post Graduate Level Subjects like **Database Management System, Data Structures and Algorithm, Advance Database Management System, Computer Networks.**
- Member of Organizing Committee for Annual Fest "Echo 2013".
- Member of Organizing Committee for Workshop "Emerging Trends in Computing Technology and its Applications", April 2013.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- 6months training in .Net with SQLServer and worked on live project in Seasia Consulting, Chandigarh.



## **HIMANSHU**

LECTURER

DEPARTMENT OF MCA/IT



### **EDUCATION**

- B.Tech (IT) Kurukshetra University
- M.Tech (University Institute of Engineering and Technology, Kurukshetra)

### **PROFESSIONAL EXPERIENCE**

- Worked as lecturer at Maharishi Dayanand College Bhiwani 2009-2010
- Worked as a teaching associate at University Institute of Engineering and Technology, Kurukshetra. 2011-2012
- Working as a lecturer World College Of Technology And Management Gurgaon since July 2012

### **RESPONSIBILITIES AT WCTM**

- Working as a lecturer in computer science department.
- Discipline coordinator of girl hostel.

### **PUBLICATIONS AND PRESENTATIONS:**

1. "A review of face recognition" IJREAS Volume 2, Issue 2 (February 2012).
2. "MATLAB Based Face Recognition System Using PCA and Neural Network" International Association of Scientific Innovation and Research (IASIR).
3. "Feature Extraction Techniques for Face Recognition" International Association of Scientific Innovation and Research (IASIR).

### **RESEARCH SUMMARY**

Himanshu has developed a novel technique for face recognition which uses PCA as a feature extraction and a self-organizing map (SOM) to classify PCA-based feature vectors into groups. The system achieved 98.3% recognition rate. Evaluation of the procedure is performed in MATLAB using an image database.

## **KANCHAN GUPTA**

LECTURER

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.

### **EDUCATION:**

- MCA (Honors), Gold Medalist (Gautam Buddha Technical University, Lukhnow).



### **PROFESSIONAL EXPERIENCE:**

- ◆ Working as Lecturer (CSE) in WCTM, Gurgaon from Aug 2012 to till date.
- ◆ Worked as Lecturer in Kalka Engineering College, Meerut 2010-2011.

### **RESPONSIBILITIES AT WCTM:**

- ◆ Project coordinator of final year CSE
- ◆ Working as Lecturer in CSE department
- ◆ Member of organizing committee of workshop-“Emerging trends in computing technology” Apr-2013.
- ◆ Teach subjects like Data Structure,.Net(ASP,C#.Net), computer Security, Software Engineering , Neural Network etc.

## **RUPAL**

LECTURER

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.

### **EDUCATION**

- ◆ B.Tech(Honors), Maharishi Dayanand University .
- ◆ M.Tech, Banasthali University.



### **PROFESSIONAL EXPERIENCE**

- ◆ Working as Lecturer (CSE) in WCTM, Gurgaon
- ◆ Internship in INDIAN AGRICULTURAL STATISTIC RESEARCH INSTITUTE, NEW DELHI PUSA, for 10 Months.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Graduate and Post-graduate level courses - Database Management System , Multimedia, Software architecture and Project Management.
- ◆ Member of Organizing Committee for Annual Fest "Echo 2013".
- ◆ Member of Organizing Committee for Workshop "Emerging Trends In Computing Technology And Its Applications", Apr 2013.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Attended seminar on "Advancement and Outreach of information Technology: Introspection and the road ahead" sponsored in IIT Delhi on 28<sup>th</sup> December 2012.
- ◆ IBM Certified Academic Associate - DB2 9 Database and Application Fundamentals

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Published paper on "An Empirical study of knowledge discovery using data mining" IJIES, Issue 1, Vol. 1, Apr-May 2013.

### **RESEARCH SUMMARY:**

During her M.tech internship, she worked on live project like a project information and management system of ICAR(PIMS-ICAR)which has been designed and developed with objectives to check duplication in research projects both at divisional as well as interdivisional level,for online monitoring and concurrent evaluation of ongoing research projects and for other mangagement requirement in which we implemented regex using ASP.NET with C# and SQL SERVER 2010.

## **MINAKSHI DAHIYA**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

### **EDUCATION**

- ◆ M.A. (Economics) from Maharishi Dayanand University, Rohtak.
- ◆ M.Phil. (Economics) from Chaudhary Devlal University, Sirsa.
- ◆ B.Ed. from Maharishi Dayanand University, Rohtak

### **PROFESSIONAL EXPERIENCE**

- ◆ (Since July, 2010)- Assistant Professor, World College of Technology & Management, Faruhknagar (Gurgaon).
- ◆ (2009-2010)- Assistant Professor, Shri Ram College of Engineering & Management, Palwal.

### **RESPONSIBILITIES AT WCTM.**

- ◆ Member of Discipline committee.
- ◆ Teaching Engineering Economics to UG & Managerial Economics to PG Classes.  
Actively participated in following activities:

- **RESEARCH SUMMARY**

“Dissertation on Self help group in Mewat District, Haryana”



## **NEERAJ SIHMAR**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

### **EDUCATION**

- ◆ B.Sc. (Physics, Chemistry, Maths) from Kurukshetra University, Kurukshetra.
- ◆ M.Sc. (Applied Physics) from Kurukshetra University, Kurukshetra.
- ◆ M.Tech (ECE) from Kurukshetra University, Kurukshetra.

### **PROFESSIONAL EXPERIENCE**

- ◆ (Since, 2013)- Assistant Professor, WCTM Gurgaon.
- ◆ (2010-2012)- Assistant Professor, MVN University, Palwal

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Engineering Physics to UG Engineering students.

### **PUBLICATIONS AND PRESENTATIONS**

- ◆ She has published 01 paper in international journal.

### **RESEARCH SUMMARY**

Neeraj Sihmar has worked on Power Penalty Analysis in Millimeter Wave Transmission. It focused on how power penalty varies in millimeter wave transmission system with variation in frequency and fiber length.



## **SARITA DODE**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

**PHOTO**



### **EDUCATION**

- ◆ M.Phil. (English) from Himachal Pradesh University, Shimla.
- ◆ M.A. (English) from Himachal Pradesh University, Shimla.
- ◆ B.Ed. from Himachal Pradesh University, Shimla.

### **PROFESSIONAL EXPERIENCE**

- ◆ (Since 2013)- Assistant Professor, WCTM, Gurgaon.
- ◆ (2009-2013)- HOD (English), Shankara Group of Institutions, Jaipur.
- ◆ (2007-2009)-IELTS & Communicative English Trainer at TOUCH STONE Educators, Chandigarh.
- ◆ (2006-2007)-English Teacher at Rising Star Public School, Chamba (H.P.).
- ◆ (2004-2006)- English Teacher at K. V. , Chamera Stage-III, Chamba (H.P.).
- ◆ (2003-2004)-Lecturer English at Hill Modern College of Education, Chamba (H.P.).

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching UG Classes.
- ◆ Co-Editor of college Magazine (WCTM Pulse).

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Member of British Library, Chandigarh.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Certificate Course in Computer Science.

### **RESEARCH SUMMARY**

Sarita Dode has worked on “Quest of Afro-American Identity for the Self in Tony Morisson, The Bluest Eye and Beloved: A comparative Study.”The protagonist of both the Novels suffered in their lives for their identity in the society being Africans they were treated as slaves and did not get their identity in the society, they were exploited in their own threshold.

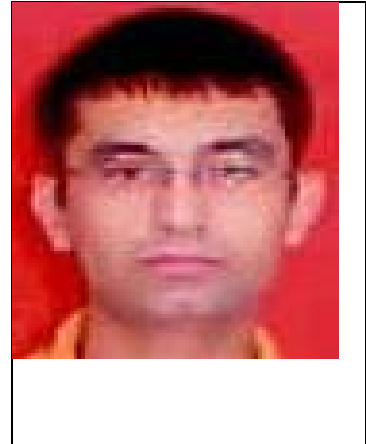
## **VIJAY**

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

### **EDUCATION:**

- ◆ B.Sc Hons (Maths) from Ramjas College, Delhi University.
- ◆ M.Sc.(Applied Mathematics) from Indian Institute of Technology, Madras.



### **PROFESSIONAL EXPERIENCE**

- ◆ (Since Jan, 2012)- Assistant Professor, World College of Technology & Management, Farukhnagar (Gurgaon).
- ◆ (2008-2012)- IBM India Pvt. Ltd., New Delhi.

### **RESPONSIBILITIES AT WCTM**

- ◆ Member of discipline committee.
- ◆ Teaching UG and PG classes.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Secured 'A' grade in group theory project at IIT, Madras.

### **RESEARCH SUMMARY**

"Dissertation on Group theory"

## **JASVINDER MIGLANI**

ASSISTANT PROFESSOR  
DEPARTMENT OF APPLIED SCIENCE



### **EDUCATION**

- ◆ B.Sc.(Chemistry,Botany ,Zoology) from Kurukshetra University, Kurukshetra;
- ◆ M.Sc.(Organic Chemistry) from Kurukshetra university kurukshetra.
- ◆ M.Phil.(Organic Chemistry) from CDLU Sirsa.
- ◆ B.Ed.from Kurukshetra University, Kurukshetra.

### **PROFESSIONAL EXPERIENCE**

- ◆ (Since, 2013)- Assistant Professor,WCTM Gurgaon
- ◆ (2009-2011)-Assistant Professor, Manav Rachna International University.
- ◆ (2008-2009)- Lecturer, Balaji Institute of Technology.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Engineering Chemistry to UG Engineering students.

### **RESEARCH SUMMARY**

Jasvinder Miglani has worked on Synthetic Approaches of Flavanone”. It gives the idea about different methods and evaluation for several activities in which Flavanone Synthesize from Chalcone by several methods.

## **AJAY KUMAR**

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



### **EDUCATION**

- AMIETE (Grad IETE), Electronics and Telecommunication Engg, IETE, New Delhi.
- M.Tech, Electronics Design & Technology, Tezpur University (A Central University), Assam

### **PROFESSIONAL EXPERIENCE**

- Teaching Associate at Department of ECE, Tezpur University, Assam (2009-2010)
- Project Trainee at SAMEER, IIT Bombay (2010-2011)
- Assistant Professor, WCTM, Gurgaon (Jan, 2012 onwards)

### **RESPONSIBILITIES AT WCTM**

- Member of Discipline committee in fresher's day program like Navrang -2012, World Fest-2012, Zenith-2013.
- Workshop on "Advance and innovation in Electronics & Communication devices, System, and Application" organizing committee member.

### **AWARDS, HONORS AND FELLOWSHIPS**

- "RAJA RAM SINGH CHAUHAN" Memorial Award for getting highest mark in DEC 2008 in my AMIETE (Grad-IETE) degree by IETE.

### **PROFESSIONAL MEMBERSHIPS**

- Associate Member of IETE, New Delhi.

### **PUBLICATIONS AND PRESENTATIONS:**

- Ajay Kumar, Geeta Gupta, Arun Mallik, Anuj Bhatnagar, "Single mode optical fiber based refractive index sensor using etched cladding", Journal of Instrument Society of India, vol.41, No.2, June 2011.
- Ajay Kumar, Geeta Gupta, Arun Kumar Mallik and Anuj Bhatnagar, "Single Mode Fiber-Optic Temperature Sensor using Wet Etching" (poster) at photonic 2012 international conference.

## **RESEARCH SUMMARY**

Mr. Ajay Kumar work is concerned with the Optical fiber sensor and coupler design and testing. During his work, he has fabricated etching based single mode optics fiber sensor and couplers. Which are best suited for use in refractive index and temperature sensing (-40°C to 150°C), Along with that sensor were used to monitor solid solution concentration with real time monitoring of sensor data using Lab view. He has also very good knowledge on VHDL for digital system design.

## **ASHIMA MADAN**

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

- B.Tech(honors )(Electronics and Communication) from Kurukshetra University.
- M.Tech (Electronics and Communication)from NIT Hamirpur.

### **PROFESSIONAL EXPERIENCE**

Three years of teaching experience.

### **RESPONSIBILITIES AT WCTM**

- Teaching undergraduate students.
- Member of organizing committee of cultural fest.
- Member of organizing committee of workshop in college on emerging trends in electronics.

### **PROFESSIONAL MEMBERSHIPS**

Lifetime membership of IEEE.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ All INDIA Merit Certificate in Matric.
- ◆ Third University Prize as Cultural Coordinator.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Attended workshops in VLSI, Software Testing and Embedded System Design organized by NIT Hamirpur.

### **PUBLICATIONS AND PRESENTATIONS:**

Published and Presented Eight Papers in National and International Conferences.

### **RESEARCH SUMMARY**

Ms Ashima's work is concerned with the simulation and investigation of MEMORY Cells. Her research determines the various factors which are currently becoming the major issues for VLSI applications.



## **SACHIN KUMAR**

LECTURER

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



### **EDUCATION**

- ◆ B.E. (Electronics Engineering and communication), University of Rajasthan, Jaipur;
- ◆ M.Tech (Digital and Wireless communication Engineering, Gyan Vihar University, Jaipur).

### **PROFESSIONAL EXPERIENCE**

- ◆ Having 3 Years Extensive Teaching Experience in AICTE Affiliated Engineering College.
- ◆ Worked as a Lecturer in Gyan Vihar University, Jaipur (Raj.) since 15th July 2010 to 20th Jan 2013.
- ◆ Presently working as a Lecturer in World College of Technology and Management (WCTM), Gurgaon .

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaches subjects to undergraduate students like Communication system, Microwave & Radar Engineering.
- ◆ Member of college organizing committee for Workshop on “Advance and Innovations in Electronics and Communication Devices, Systems and Applications” 2013.
- ◆ Member of organizing committee of National conference on Renewable Energy Resources and Green building Technology, 2013.,Sports day event-2013,Cultural fests at WCTM like Zenith-2013.

### **PUBLICATIONS AND PRESENTATIONS**

- ◆ Paper published in International journal IJCSET (ISSN: 2229-3345) on “Semiconductor Optical Amplifier (SOA) Performance Optimization in Optical Communication System”.
- ◆ Paper published in International journal IJSCE (ISSN: 2231-2307, Volume-2, Issue-3) on “Optical Communication System Performance Using MZI Switching”.
- ◆ Paper presented on “sixth sense technology” in National Conference, Regional College for education research and technology, jaipur.
- ◆ Paper presented on “I sense Technology” in National Conference , Yagyavalkya Institute of Technology (YIT) , Jaipur
- ◆ Paper presented in Ayam Tech. in Suresh Gyan Vihar University, jaipur.
- ◆ Paper presented on “CDMA Communication” in The Institution of Engineers (INDIA), Jaipur.

## **SONVEER SINGH**

SENIOR LECTURER

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

- ◆ B.Tech in Electronics and communication Engineering from PCCS, Greater Noida under UPTU, Lucknow.
- ◆ M.Tech in Electronics and communication from MDU ROHTAK.



### **PROFESSIONAL EXPERIENCE**

- ◆ Total 03 years academics experience.

### **RESPONSIBILITIES AT WCTM –**

- ◆ Involve in cultural and technical fest held at college.
- ◆ Member of organizing committee for workshop in college on emerging trends in electronics.

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Life membership of ISTE
- ◆ Member of IETE

## **URVASHI DAHIYA**

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

- B.Tech(Honors),Kurukshetra University
- M.Tech(Honors),ITM (M.D.U., Rohtak)

### **PROFESSIONAL EXPERIENCE**

- ◆ 3 years of IT experience in software quality assurance.
- ◆ 3 years (approx) months teaching experience.

### **RESPONSIBILITIES AT WCTM**

- ◆ Member of organizing committee of ECE workshops.

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ 2<sup>nd</sup> rank in M.Tech with 9.1CGPA (out of 10)

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Life membership of ISTE.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Brain Bench Certified.
- ◆ ISTQB manual testing certified
- ◆ Software Testing(Manual & Automation)

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ "Analysis of 6H SiC Dimosfet" at ACCT'11.
- ◆ "Design of Rail to Rail Opamp" Using CAD tool in Computer and Information technology society.
- ◆ "Green Electronics "at JNU.

### **RESEARCH SUMMARY:**

Urvashi dahiya work is concerned with the effect of Silicon Carbide on electronics appliances instead of Silicon. The design of rail to rail opamp helps in making the appliances with use of less voltage and output will swing more or beyond the range.



## **VIJAY MUDGAL**

LECTURER

DEPARTMENT OF ELECTRICAL ENGG.

### **EDUCATION**

- ◆ B.Tech in Electrical and Electronics Engineering from HCTM, Kaithal (KUK).
- ◆ M.Tech Pursuing in power electronics& electrical drive, KUK .

### **PROFESSIONAL EXPERIENCE**

Total 02 years academics /Industrial experience.

### **RESPONSIBILITIES AT WCTM**

- ◆ Involve in cultural and technical fest held at college.



## **SACHIDANAND KUMAR TIWARI**

LECTURER

DEPARTMENT OF MECHANICAL ENGINEERING

### **EDUCATION**

- ◆ B.E. (Mechanical Engineering),2012,from - Visvesvaraya Technological University, Belgaum.

### **PROFESSIONAL EXPERIENCE**

- ◆ Teaching in World College of Technology and Management since February 2013.

### **RESPONSIBILITIES AT WCTM**

- ◆ Member of organizing committee CAD/CAM workshops-2013
- ◆ Member of Tech FEST Committee
- ◆ Teaches UG student of Mechanical Engineering and Other department



## **NUPOOR BATRA**

LECTURER

DEPARTMENT OF MANAGEMENTSTUDIES



### **EDUCATION**

- ◆ B.Com, Punjab University.
- ◆ M.B.A in Finance & Marketing from Punjab Technical University.

### **PROFESSIONAL EXPERIENCE**

- Worked as a Business Development Officer For 1 Year
- Worked as a lecturer in JMIT Radaur For 1 Year
- Presently Working in WCTM since 2011

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching MBA & PGDM students along with case studies and extra activities
- ◆ Taking PDP classes in B.Tech
- ◆ Active participation in Admission & counseling of students

### **AWARDS, HONORS AND FELLOWSHIPS**

Awarded scholarship in B.Com

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ Done short term basic computer course

## **KUNIKA**

LECTURER

DEPARTMENT OF MANAGEMENT STUDIES

### **EDUCATION**

M.B.A. (HR, Marketing, Kurukshetra University, Kurukshetra)

B.E. (Electrical Engg., Maharishi Dayanand University, Rohtak)



### **PROFESSIONAL EXPERIENCE**

- ◆ World College of Technology and Management, Gurgaon as a Lecturer, since July 2012 – till date
- ◆ Advanced Institute of Technology and management, Palwal as a Lecture from July 2010 to May 2011
- ◆ Baba Mastnath University, Rohtak as a Lecturer, from Feb.2009 to April 2010
- ◆ Hindware, Chandigarh as a Business Development Executive from Sept. 2007 to Jan. 2009

### **RESPONSIBILITIES AT WCTM**

- ◆ Taking lectures of M.B.A. and B.Tech.
- ◆ Taking PDP classes of B.Tech.
- ◆ Member of admission team.

## NEHA CHAUHAN

LECTURER

DEPARTMENT OF MANAGEMENT STUDIES

### EDUCATION

- ◆ B.com, Mumbai University.
- ◆ PGDM (Finance & Marketing) IILM Institute of Higher Education.
- ◆ MBA (Finance) Punjab Technical University.



### PROFESSIONAL EXPERIENCE

- ◆ Worked in HDFC Bank as Management **Trainee** in 2009.
- ◆ Worked in IL&FS as **Project Officer** in 2010.
- ◆ Worked in Interglobe Hotels Pvt. Ltd as **Project Associate** in 2011.

### RESPONSIBILITIES AT WCTM

- ◆ Lecturer (MBA & PGDM)- ( Project Management& Infrastructure Finance, Financial Derivative, Management of Banking & Insurance, Business Communication, Principle of Management.
- ◆ Member of admission team.
- ◆ Personality Development Classes for B.tech
- ◆ Manage cultural & Management Activities

### AWARDS, HONORS AND FELLOWSHIPS

- ◆ Stood among top 10 students in MBA
- ◆ 2<sup>nd</sup> position in Ballet Dance & Cultural Program in College
- ◆ Best NCC cadet for batch of 2001-2002

### CERTIFICATIONS AND SHORT TERM COURSES

- ◆ Tally Certified
- ◆ MS office Certified from NIIT
- ◆ NSE Certified in Financial Market
- ◆ NSE Certified in Derivative Market ( Dealer Module)
- ◆ Certified in NISM module
- ◆ IIBF Certified in Banking & Finance

## **KOMAL KHATANA**

LECTURER

DEPARTMENT OF MANAGEMENT STUDIES

### **EDUCATION**

- ◆ BBA in general from M.D University Rohtak .
- ◆ MBA in Finance & marketing from Amity University Noida

### **PROFESSIONAL EXPERIENCE**

- ◆ Working since July 2012 in World College of technology and management

### **RESPONSIBILITIES AT WCTM**

- ◆ Taking personality development classes of B.tech students
- ◆ Taking subjects of MBA & PGDM

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Awarded with scholarship in each semester during graduation



## **RITIKA MAKHIJA**

LECTURER

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

### **EDUCATION**

- ◆ B.Tech(hons. )(Electronics and Communication) from MDU.
- ◆ M.Tech(Electronics and Communication), from MDU,Rohtak.

### **PROFESSIONAL EXPERIENCE**

- ◆ 2 years of academic experience.

### **RESPONSIBILITIES AT WCTM**

- ◆ Involve in cultural and technical fest held in college
- ◆ Member of organizing committee for workshop in college on emerging trends in electronics.

### **PROFESSIONAL MEMBERSHIPS**

- ◆ Life membership of ISTE

### **AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Gold medal at national science exhibition.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- ◆ CCNA(Cisco Certified)

### **PUBLICATIONS AND PRESENTATIONS:**

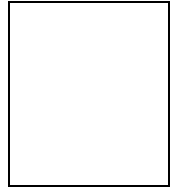
- ◆ Presented Two Papers In National Conference.



**NITIKA KHERA**

LECTURER

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.



**EDUCATION**

- ◆ Master in Computer Applications, Maharishi Dayanand University
- ◆ Bachelor in Science – Physics (Honor) , Delhi University

**PROFESSIONAL EXPERIENCE**

- ◆ Industrial Experience (IT- Operations and Managerial) – 4 yrs
- ◆ Currently working as Lecturer in WCTM

**RESPONSIBILITIES AT WCTM**

- ◆ Currently teaching post graduate (MCA) and under graduate students (BCA)
- ◆ Working on Development of Website.

**AWARDS, HONORS AND FELLOWSHIPS**

- ◆ Received meritorious award (2<sup>nd</sup> Position) from Motilal Nehru College, Delhi University during B.Sc – Physics (Honors)

**CERTIFICATIONS AND SHORT TERM COURSES:**

- CSTP Certification form STC in BLACK BOX TESTING

**PUBLICATIONS AND PRESENTATIONS:**

- “Worked on Central Electricity Authority Management Information System” Project with Vayam Technologies in 2009-2010.

## **ISHITA ARORA**

TEACHING ASSOCIATE

DEPARTMENT OF CIVIL ENGG.

### **EDUCATION**

- ◆ B.Tech from Maharishi Dayanand University, Rohtak.

### **PROFESSIONAL EXPERIENCE**

- ◆ Presently working as **Teaching Associate** in Department of Civil Engineering in **World College of Technology & Management**, Gurgaon.

### **RESPONSIBILITIES AT WCTM**

- ◆ Teaching Graduate level courses Fluid mechanics-II, Building and construction material and design, Water supply , Sewage treatment.

### **CERTIFICATIONS AND SHORT TERM COURSES**

- i) Two month training of Autocadd software.
- ii) One week training of Stadpro software.

### **PUBLICATIONS AND PRESENTATIONS:**

- ◆ Presented a paper related to "**Cable stayed bridges**" in workshop on Latest Trends in Civil Engg.
- ◆ Attended two national conferences

