

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 -1st Division
Specialization: Solar Energy – 1988.

WORK & RESEARCH EXPERIENCE:

S.No.	Designation	Place of Work	Years
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, 15th 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

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:

S.No.	Designation	Place of Work	Years
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 15th 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 9th 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- 1st 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)

KUNWAR NISHANT SINGH

TRUSTEE



EDUCATION

- M.S : King College London, UK, university of London, UK
B.Tech (CSE) : Bhartiya Vidya Peeth, Indra Prastha University, New Delhi

Professional Experience :

- Associated with WCTM College in Gurgaon as Academic Advisor.
- Associated with Trust Engineering Colleges in Jaipur & Bharatpur as Academic Advisor.

**Prof. SOM DEO, VSM
Air Commodore (Retd.)
Director & Professor in Mechanical Engineering Department.**



Education

❖ M.Tech.	IIT, Mumbai	1992
❖ B.Tech.	IIT, Kanpur	1980

WORK AND RESEARCH EXPERIENCE

Sr. No.	DESIGNATION	PLACE OF WORK	YEARS
1	Section Engineer	Tisco Tube Division, Jamsedpur	1980-83
2	Senior Technical Officer	Indian Air Force (IAF)	1983-05
3	Head of Faculty Aero (Mechanical)	Air Force Technical College, Bangalore	2005-06
4	Director of Engineering (SUKHOI – 30)	Air Head Quarters (VB) New Delhi	2006-09
5	Chief Engineering Officer	IAF (Premier Fighter Base)	2009-11
6	Principal Director of Engineering	AHOs(VB) New Delhi	2011-13
7	Project Director (on par with Sc G)	Brahmos (Air Version)	2013-14
8	Director	World College of Technology & Management	2014-Till Date

Professional Experience

- Having 34 years varied professional experience in the field of industries, R&D and Academics.
- Worked as a Head of Faculty of Aeronautical Engineering (MECH.) at Air Force Technical College, Bangalore, where he taught trainee officers who were selected on all India merit basis for technical branch of Indian Air Force. Also worked as Course Director for HAL Design and Management Trainees at AFTC.
- As Project Director of Air Version Project in Brahmos Aerospace, interacted with eminent Russian and Indian Scientists specially for Wind Tunnel tests at NAL Bangalore.

Papers Published/ Presented

- Presented paper on NDT and Structure Composites at National Seminar held at IIT Kanpur in 1993 and HAL, Nasik in 1997.

- Presented the work of M Tech project on Composites at the VIIth International Seminar on Experimental Mechanics at Las Vegas, USA in 1992.

Special Training

- Trained in Russia on MiG-29 major repair which covers all mechanical systems of aircraft.

Decorations and Awards

- Recipient of Vishist Seva Medal by President of India on 26 Jan 1997.
- Recipient of Commendation by Chief of Air staff on 15 Aug 1994.
- Recipient of Commendation by Air Officer-Commanding-in-Chief on 26 Jan 1989.



R K Kaushish
Brigadier (Retd.)
Director (Training & Placement and Corporate Relations)

Education

❖ BSc .	Jawaharlal Nehru University, New Delhi	1978
❖ B.Tech.	Jawaharlal Nehru University, New Delhi	1986
❖ M Tech	IIT Kharagpur	1988
❖ Masters Mgt Sciences	Osmania University, Hyderabad	2004

Certification

Advanced Management Programme	IIM, Indore	2012
-------------------------------	-------------	------

WORK EXPERIENCE

Sr. No	DESIGNATION	PLACE OF WORK	YEARS
1	Various Regimental & Staff duties in units of Indian Army.	Northern ,Western & Eastern sectors.	1980-03
2	Director C4ISR, HQ Integrated Defense Staff	New Delhi	2004-07
3	Chief Signal Officer	Jammu – Poonch- Doda region.	2008-09
4	Brigadier General Staff	MCTE, Mhow (MP)	2009-12
5	Project Director	Army HQ, New Delhi	2012-14
6	Director Training and Placement	WCTM, Gurgaon	2014 till date

Professional Experience

- Having 35 years of experience in provision of telecomm and Value Added Services to the Indian Army, was Chief Signal Officer of Jammu – Poonch – Doda region.
- Having experience as Project Manager in fielding of both Tactical and Strategic communication networks of the Indian Army.
- Worked as Project Director in fielding Electronic Warfare projects of the Indian army.
- Experienced in fielding of the first cellular CDMA network of the Indian Army.
- Experienced in conduct and monitoring of technical training for persons of Army / Navy / Air Force at Military College of Telecommunication Engineering (MCTE), Mhow and creating requisite infrastructure to support the same.

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

- Seven 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.

Dr. SUDEEP SHARMA

ASSOCIATE PROFESSOR

DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING



EDUCATION

- Ph.D. Mechanical Engineering, Technical University of Clausthal, Germany
- M. Tech. Manufacturing Engineering, University of Manitoba, Winnipeg, Canada
- B. Tech. Mechanical Engineering, University of Manitoba, Winnipeg, Canada

EXPERIENCE

- Teaching Experience of more than 7 years in India, Canada and Germany
- Industrial Experience of over 4 years at companies like Dell (India), Boeing (Canada) and Princess Auto (Canada)

RESPONSIBILITIES AT WCTM

- Teaching undergraduate and graduate students
- Guiding projects and thesis

AWARDS, HONORS AND FELLOWSHIP

- Named in Dean's Honors List during the final year of B. Tech. at U of Manitoba, Canada
- Rhode's Scholarship at U of Manitoba, Canada for M. Tech.
- Mueller's Fellowship recipient during the entire Ph.D. program at TU, Clausthal, Germany

PUBLICATIONS

- **“Analysis of relationship between ISO14001 and solid waste generation rates in Indian manufacturing organizations”**, Journal of Cleaner Production, (2011)
- **Study on Designing and Development of Ornamental Products with Special Reference to the Role of CAD in it**, International Journal of Current Engineering and Technology, (Dec. 2012), Pg. 443-447.

- **Supplier Interaction Devices as means for Sustainable Supply Chain Management**", presented at National Conference at Manav Bharti University, Solan, H.P. June 8-9, 2012.
- **Study on Role of CAD in Different Types of Jewelry**", Journal of Advances in Science & Technology, Vol. III, Issue 4.
- **Feasibility to Integrate the Part CAD Model into the CNC Controller to Achieve Autonomous Direct Model to Part Manufacturing**", Journal of Advances in Science & Technology, Vol. IV, No. VII.

WORKSHOPS

- **Induction Training Programme Through ICT**", AICTE recognized Short Term Course, from 04/02/2013 to 08/02/2013 at L.R. Polytechnic Solan, Himachal Pradesh.
- Attended Winter workshop on **"Generic Skills Development"** at SDDIET, Barwala in 2010.
- **"Recent trends in Research in Mechanical Engineering"**, Workshop attended in January 2009 at Deenbandhu Chhoturam University of Science and Technology, Murthal.

RESEARCH SUMMARY

- Dr. Sudeep Sharma has worked on Production of Material Combinations for Adaptive Applications by Methods of Powder Metallurgy. This research is associated with the production and testing of new, smart material which can adapt to the change in application and environment caused by this change. Only a few universities in the world have the setup for this particular experiment, TU (Clausthal) in Germany, being one of them. The huge infrastructure for these experiments requires design, analysis, production, testing and simulation setups.

DR.SWARAN SINGH ARORA
PROFESSOR
DEPARTMENT OF MECHANICAL/AUTOMOBILE 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)

ASSOCIATE PROFESSOR
DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING



EDUCATION:

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

PROFESSIONAL EXPERIENCE:

- ◆ **INDUSTRIAL:** Design Engineer, TRATEC Engg. Pvt. Ltd.
- ◆ **TEACHING:** Associate Professor in 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.

M.S. GAUTAM

ASSISTANT PROFESSOR
DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING



EDUCATION:

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

PROFESSIONAL EXPERIENCE:

- ◆ Lecturer, Aravali Institute, Faridabad.
- ◆ Assistant professor in 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:

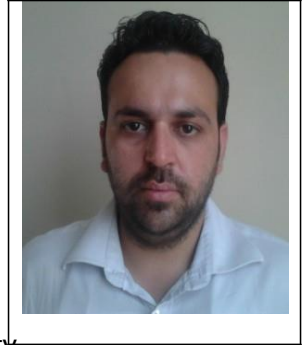
- ◆ Co-supervised five B.Tech thesis in solar power plant.

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.

GURDEEP SINGH GREWAL

ASSISTANT PROFESSOR
DEPARTMENT OF MECHANICAL/AUTOMOBILE 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 .

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.

RAJESH KUMAR

Assistant Professor

DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING

EDUCATION:

- ◆ B.Tech. (Mechanical Engineering) R.G.P.V BHOPAL
- ◆ M.Tech. (Industrial Design), MANIT BHOPAL

PROFESSIONAL EXPERIENCE:

- ◆ **INDUSTRIAL:** Production Engineer, National Steel & Agro Industries Ltd.
- ◆ **TEACHING:** Assistant Professor in W.C.T.M. Gurgaon.

He has prepared and implemented action plans effectively to maximize overall equipment efficiency of production machines and also taken active part in implementing KAIZEN and 5'S. He has handled planning, analyzing and sequencing the production activities.

MD FAROOQ KHAN

Assistant Professor

Department Of Mechanical Engineering

EDUCATION:

- ◆ B.Tech. (Mechanical Engineering), Punjab Technical University.
- ◆ M.Tech in Mechanical Engg.

He has handled project on Time Study and updation during six months industrial training at ESCORT Agri machinery group. His area of interest is Refrigeration & Air conditioning and Operation Research. Employ differentiated teaching methods, incorporateing audio and visual activities to address all learning.

College Topper of the 2nd year B.Tech. He has qualified GATE 2014 with Gate score of 474.

SURENDRA KUMAR SUMAN

Assistant Professor

Department Of Mechanical Engineering

EDUCATION:

- ◆ B.Tech. (Mechanical Engineering) , MDU Rohtak
- ◆ M.Tech. (IPED), SVNIT Surat

Mr. S.K. Suman's research work is concerned with the Investigation on tensile testing of sheets using FEM tool Abaqes. He handled short term Workshops. Strong presentation skill and use of creative examples to impart knowledge to the students with an aim to build a sound technical foundation.

CERTIFICATIONS AND SHORT TERM COURSES:

- ◆ Training of Solid Works at Hindu College of Engg. Sonipat
- ◆ Training of AutoCad at Hindu College of Engg. Sonipat.
- ◆ Training of Abaqes and ANSYS at SVNIT Surat.

POOJA SAPRA

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



EDUCATION:

- ◆ B.Tech. (CSE) - Honors , Kurukshetra 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, Sonapat.

RESPONSIBILITIES AT WCTM

- ◆ 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.

DEEPAK KUMAR

ASSOCIATE PROFESSOR & HOD
DEPARTMENT OF MCA/IT/CSE



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.

ARKO BAGCHI

ASSISSTANT PROFESSOR

EDUCATION

- ◆ B. Tech. (CSE). Murshidabad College of Engineering & Technology.
- ◆ M. Tech.(VLSI), Techno India , Kolkata.
- ◆ PG Diploma (Business Management), IMT CDL GHAZIABAD.

PROFESSIONAL EXPERIENCE

- ◆ Has been working in teaching field for the last 3.5 years.
- ◆ Developer in IT Industries for 2 years.

RESPONSIBILITIES AT WCTM

- ◆ Teaching undergraduate & post graduate students.
- ◆ Responsible for Time Table and University Examination.

PROJECTS UNDERTAKEN

- ◆ Developer of a simulator for Reversible Circuit Design.
- ◆ Airline Management System.

RESEARCH SUMMARY:

Mr. Arko Bagchi has completed his thesis in artificial intelligence and machine learning field. He has published many papers in reputed international journals in this domain. He is currently working on genetic algorithm and other evolutionary techniques in machine leaning.

ASHISH SHRIVASTAVA

ASSISSTANT PROFESSOR

EDUCATION

- ◆ B. E. (CSE). R.G.P.V. Technical University, M.P.
- ◆ M. E. (CSE) Agra University, U.P.
- ◆ PH.D. (CSE) Sharda University, U.P.

PROFESSIONAL EXPERIENCE

- ◆ Has been working in teaching field for the last ten years.

RESPONSIBILITIES AT WCTM

- ◆ Teaching undergraduate & post graduate students.
- ◆ Responsible for Time Table and University Examination.

PROJECTS UNDERTAKEN

- ◆ Result generation software for Jiwaji University, Gwalior(M.P.).
- ◆ Development modules for salary, remuneration of teachers, cash book for accounts department Jiwaji University, Gwalior(M.P.).

PROFESSIONAL MEMBERSHIPS

- ◆ IEEE and Springer Link.

PUBLICATIONS AND PRESENTATIONS:

- ◆ "Survey of Binomial Heaps" in National Conference on recent trends in engineering, technology & management for sustainable development (RTETMSD) on 13th August 2013 at MVN University, Palwal (Haryana). ASSN 0974-3154.

- ◆ Participated in National Seminar on Modern Trends in IPR issues in reference to Science, Technology, Society and Commercialization held at Jiwaji University, Gwalior (M.P.) during March 3-5, 2006.
- ◆ Participated in National Workshop on Intellectual Property Right Issues. Education, Awareness and Execution held at Jiwaji University, Gwalior (M.P.) during March 1-5, 2004

RESEARCH SUMMARY:

Mr. Ashish Shrivastava has completed his thesis in artificial intelligence and machine learning field. He has published many papers in reputed international journals in this domain. He is currently working on genetic algorithm and other evolutionary techniques in machine leaning.

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)”, 13th-14th 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)”, 13th-14th 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)”, 13th-14th April, 2012.
- ◆ Seema Kakkar, Narender Kumar, “Developing Domain Specific Web Search Engine Using Clustering”, in National Conference on “Data Mining and Warehousing (NCDMW-12)”, 13th-14th 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.

ASHA DAHIYA

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.

EDUCATION

- ❖ MCA from MDU.
- ❖ M.TECH. from ITM College, Gurgaon , MDU.

PROFESSIONAL EXPERIENCE:

- ❖ Working as Assistant Professor (CSE) in WCTM, Gurgaon .

RESPONSIBILITIES AT WCTM:

- ❖ Teaching Various Graduate & Post Graduate Level Subjects of Computer Science & Engineering like Testing and validation, WD, DBMS, software Engg. .
- ❖ Organizer of Gaming In Technical Fest “ARTECH 2013”.
- ❖ Member of Organizing Committee for National Conference on “Emerging Trends in computing Technologies”.
- ❖ Handling M.Tech Software Engineering department.

CERTIFICATIONS AND SHORT TERM COURSES:

- ❖ Done 6 months internship from **TCS INDIA PVT. LTD GURGAON** on the project title “AUTOMATED TESTING”.
- ❖ Done 3years Diploma in “Excel PLUS” from Stg.

URVASHI BAKSHI

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG./IT



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 28th December 2012

PUBLICATIONS AND PRESENTATIONS:

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

RESEARCH SUMMARY:

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

STUTI GUPTA

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG./IT

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.
- Worked as Assistant Professor (CSE) in Indo Global Engineering College, Mohali.
- Worked as Lecturer (CSE) in Swami Parmanand College of Engineering and Technology.

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.



MONIKA

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG./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.
- ◆ Worked as lecturer at Kalpana Chawla College.

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.

RUPAL

ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE AND ENGG./IT



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.

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 28th 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.



HEMANT KUMAR

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG./IT

EDUCATION

M.TECH (CSE) FROM GALGOTIA'S COLLEGE OF ENGINEERING AND TECHNOLOGY, GR.NOIDA.

B.TECH (I.T) FROM WORLD COLLEGE OF TECHNOLOGY AND MANAGEMENT, GURGAON.

PROFESSIONAL EXPERIENCE

- ◆ WORKED AT CGI AS A LECTURER.

RESPONSIBILITIES AT WCTM

- ◆ TEACHING STUDENTS OF B.TECH.

AWARDS, HONORS AND FELLOWSHIPS

- ◆ WON FIRST PRIZE IN NATIONAL/STATE/DISTRICT LEVEL VOLLEYBALL CHAMPIONSHIP.
- ◆ SPORTS CAPTAIN OF OUR SCHOOL.
- ◆ H.R OF THE HOSTEL.

CERTIFICATIONS AND SHORT TERM COURSES

- ◆ JAVA COURSE FROM CMC LTD.
- ◆ SQT COURSE FROM QACAMPUS.
- ◆ DBMS COURSE FROM NIIT.

PUBLICATIONS AND PRESENTATIONS:

- ◆ "PERFORMANCE EVALUATION OF VARIOUS WIRELESS SENSOR NETWORK DEPLOYMENT STRATEGIES" in International Journal of Modern Engineering Research (IJMER)
"www.ijmer.com" Vol.3, Issue.2, March-April. 2013 pp-955-961.
- ◆ This paper has been indexed successfully in ANED (American National Engineering Database).

RESEARCH SUMMARY:

As wireless sensor network is the new emerging trend in IT, its area coverage and energy consumption is the major concern. Research work focused on ways to evaluate performance and area coverage analysis. In his research main emphasis was on performance evaluation of the wireless sensor network.



ANUJA SHARMA

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG./IT

EDUCATION

M.tech(C.S.), Jagannath University; B.Tech(I.T.), Rajasthan Technical University, Kota

PROFESSIONAL EXPERIENCE

- ◆ Worked at McGladrey as an Intern.
- ◆ Worked at Global College of Technology, Jaipur as Lecturer
- ◆ Worked at Simrat Exports as an IT Executive
- ◆ Worked at HCL, Infosystems as an O.J.T.

RESPONSIBILITIES AT WCTM

- ◆ Teaching Students Of B.Tech

AWARDS, HONORS AND FELLOWSHIPS

- ◆ Achieved many awards in Extra Curricular activities.
- ◆ Awarded Certificate of appreciation by Rajasthan Patrika for scoring 90% and above in 10th CBSE exam.

CERTIFICATIONS AND SHORT TERM COURSES

- ◆ Dot Net course from Ducat.
- ◆ Java Course from NIIT.

PUBLICATIONS AND PRESENTATIONS:

- ◆ Paper titled as "CLOUD COMPUTING ITS SECURITY AND SERVICES" published in International Journal of Latest Technology in Engineering, Management and Applied Sciences Vol.II Issue VI June 2013.

RESEARCH SUMMARY:

As Cloud is the new emerging trend in IT, its security is the major concern. Research work focused on ways to make public and private cloud more secure. In her research main emphasis was on security threats in IaaS, specifically VM to VM threats and ways to overcome it.

NAVEEN KR. TIWARI

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG./IT



EDUCATION

◆B.Tech (Honors), UTTAR PRADESH TECHNICAL UNIVERSITY.

◆M.Tech , UTTAR PRADESH TECHNICAL UNIVERSITY.

PROFESSIONAL EXPERIENCE

◆ Working as ASSISTANT PROFESSOR (CSE) in WCTM, Gurgaon

RESPONSIBILITIES AT WCTM

- ◆ Teaching Graduate and Postgraduate level courses - ADVANCE JAVA PROGRAMMING LANGUAGE , WEB DEVELOPMENT.

CERTIFICATIONS AND SHORT TERM COURSES

◆Attended seminar on “NETWORK SECURITY STRATEGIES” sponsored in GALGOTIAS COLLEGE OF ENGINEERING, GREATER NOIDA in 2013.

PUBLICATIONS AND PRESENTATIONS:

◆ Published paper on “Network Intrusion Detection System over high traffic network” **IJSER.**

AWARDS, HONORS AND FELLOWSHIPS:

◆ Won several awards in Debate, GD, Extempore and Cultural programmes.

RESEARCH SUMMARY:

During his M.tech , he worked in Network security field and develop a tool similar to the SNORT which has been designed with objectives to check duplicity of data packets and remove duplicate packets to enhance the performance of network for fast data transmission. This tool can also analyze and monitor the packet rates over network with different different transmission speed.



ISHITA MADAN

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG./IT

EDUCATION

- ❖ BSc(Computer Applications) From Government P.G college Hisar.
- ❖ MCA from Seth Jai Prakash Mukand lal Institute of Management and Technology.

PROFESSIONAL EXPERIENCE:

- ❖ Working as Assistant Professor (CSE) in WCTM, Gurgaon from Aug 2011 to till date.
- ❖ Worked as Lecturer in Guru Jambheshwar university of science and technology from 2009-2011.

RESPONSIBILITIES AT WCTM:

- ❖ Teaching Various Graduate & Post Graduate Level Subjects of Computer Science & Engineering like Operating system, OOPS, computer networks, software project management, computer graphics.
- ❖ Organizer of Debugging In Technical Fest “ARTECH 2013”.
- ❖ Member of Organizing Committee for National Conference on “Emerging Trends in computing Technologies”

CERTIFICATIONS AND SHORT TERM COURSES:

- ❖ Done 6 months internship from **IBM INDIA PVT. LTD GURGAON** on the project title “WFMS”.
- ❖ Attended National Workshop on Recent trends in Engineering and Technology Organized by Faculty of Engineering and Technology GJU S&T Hisar.
- ❖ Attended National Conference on Role and applications of ICT in inaccessible areas Organized by Department of computer Science and Technology GJU S&T Hisar.
- ❖ Attended 1 day Quiz on iROBOTRICKS organized by ROBOSAPIENS INDIA on 14 September 2008 in JMIT RADAUR

AJAY KUMAR DAGAR
HEAD OF DEPARTMENT
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

- ◆ 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.

ASHIMA ARORA

ASSOCIATE 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.
- ◆ Worked in PDMCE, Bahadurgarh as Assistant professor .
- ◆ Worked in NCCE, Israna as Lecturer .
- ◆ Worked in SKIET Kurukshetra as Lecturer.
- ◆ Worked in JIET Jind as Lecturer.

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:

, 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.

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.

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.

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

- ◆ 2nd 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.



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.

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.



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

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.

ASHISH KUMAR

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

EDUCATION

- M.E. (ELECTRONICS INSTRUMENTATION&CONTROL ENGINEERING)FROM THAPPAR UNIVERSITY
- BTECH(ELECTRONICS &INSTRUMENTATION)FROM UP TECHNICAL UNIVERSITY

PROFESSIONAL EXPERIENCE

- 7 YEARS OF TEACHING EXPERIENCE

CERTIFICATION &PROJECTS UNDERTAKEN

- Currently working on **Portable wireless ECG** DRDO project
- **Wireless Data logging using Bluetooth protocols**
- **Wireless Industrial plant monitoring system**
- **GPS Based mobile vehicle inbuilt with IR SENSORS**
- **DTMF SWITCH CONTROLLER** for railways traffic signal.

SPECIALIZATION

- Embedded system using pic microcontroller
- Lab view-VIRTUAL INSTRUMENTATION
- EMBEDDED SOFTWARE TOOLS- mikroC,MPLAB,HARDWARE TOOLS

RITIKA MAKHIJA

ASSISTANT PROFESSOR

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.

LALIT SHARMA

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



EDUCATION

- Diploma(Electronics), BTE, Delhi
- B.Tech (Electronics and Communication), from RTU,KOTA
- M.Tech (Electronics and Communication), from MDU,ROHTAK

RESPONSIBILITIES AT WCTM

- ◆ Class Incharge
- ◆ Organise workshop in college on emerging trends in electronics.
- ◆ Member of discipline committee in cultural Fest'12, Fest'13.

AWARDS, HONORS AND FELLOWSHIPS

- Silver medal in diploma in ECE.
- First position in M.Tech in ECE.

CERTIFICATIONS AND SHORT TERM COURSES

- Short term course on Basic Computer from NETCOM, Delhi

RESEARCH SUMMARY

Mr Lalit Sharma work is concerned with the effects of Wireless sensor networks and contribution in daily life. He has done that successfully with the help of Network simulator tools (NS2).



MONIKA AGARWAL

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

EDUCATION

- Bachelor of Engineering (Electronics & Communication) (Hons.) from Jaipur Engineering College & Research Center (JECRC), Jaipur, Rajasthan University
- M.Tech (Electronics & Communication) from Malviya National Institute of Technology (MNIT), Jaipur with 8.5 CGPA (Dissertation submitted).

PROFESSIONAL EXPERIENCE

- INSTITUTE OF COMPUTER AND FINANCE EXECUTIVE (ICFE), Jaipur, as ERP Administrator cum Computer Trainer.
- Swami Kashvanand Institute of Technology (SKIT), Jaipur, as a Lecturer in Electronics & Communication Engineering Department.

CERTIFICATIONS AND SHORT TERM COURSES

- Short Courses on Recent Trends in Electronics and communication Engg. in MNIT, Jaipur

PUBLICATIONS AND PRESENTATIONS

- Attended a National Conference on RECENT DEVELOPMENT IN WIRELESS and OPTICAL TECHNOLOGIES in MNIT, JAIPUR
- Attended a Seminar on Research Methodology Organized by Department of Computer Engineering in GSNCOE, Pune.
- Attended a short term course on RECENT TRENDS IN ELECTRONICS & COMMUNICATION ENGINEERING in MNIT, JAIPUR.
- Participated in National workshop on LATEST ADVANCES IN RF AND DIGITAL TESTING.

RESEARCH SUMMARY

- Presented a paper on “Increased Delay Bandwidth Product in Slow Light Based Photonic Crystal Waveguide” in National conference on Emerging Trends of Research in Material Science held in SKIT (12-13th November,2011).
- Presented a paper on “Network security system and firewall ” in National conference on Convergence of Broadcast and Communication Technology held in SKIT (6th march,2011).
- Presented a paper on “A New revolution in optics regime: photonic crystal” in National conference on advances in wireless & optical communication systems held in SKIT (17-18th ,2011)

KUSUM RANI

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

EDUCATION

- B.Tech (Electronics & Communication) from PTU
- M.Tech (Electronics & Communication) from Punjabi University

CERTIFICATION AND SHORT TERM COURSES

- 3 months industrial training at Pyramid Electronics(Parwanoo)
- 6 weeks industrial training in microcontroller application and PCB fabrication at Thapar University

RESEARCH SUMMARY

Her research work is concerned with the effects of image processing and contribution in daily life. She has done research in cotton industry by using MAT Lab on how we can detect the minor contaminants of white color from cotton that We can't detect manually.

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 Officer & 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 29th November, 2010 to 4th 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 2nd & 3rd 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 14th and 15th April, 2012.



SHEEPHALI RAJPUT

ASSOCIATE PROF., HOD
DEPARTMENT OF ELECTRICAL ENGG.

EDUCATION :

M.Tech.(Instru. & Control)
B.Tech.(Electrical Engg.)

PROFESSIONAL EXPERIENCE

- ◆ Presently working as Assistant Prof. and Head Electrical Engg. Dept. at WCTM.
- ◆ Associate Prof. at DRKIST, Hyderabad .
- ◆ Sr. Lecturer at AIT Gurgaon .
- ◆ Lecturer at SBSCET, Ferozepur .
- ◆ Lecturer at NIT Kurukshetra .
- ◆ Lecturer at Thapar University .

RESPONSIBILITIES AT WCTM

- Teaching under graduate courses in EE.

AWARDS, HONORS AND FELLOWSHIPS

- ◆ National Scholarship Winner.
- ◆ GATE 2005 Qualified

CERTIFICATIONS AND SHORT TERM COURSES

- ◆ **Advanced Course in MATLAB** conducted by NITTR, Chandigarh at SBSCET, Ferozepur.
- ◆ **Advanced Course in AUTOCAD** conducted by NITTR, Chandigarh at SBSCET, Ferozepur.
- ◆ On Enhancing Teaching - Learning Process at Ansal Institute of Technology, Gurgaon.
- ◆ A course on Advanced Graphical System Design using LabVIEW at Infosys Mysore Center conducted by Indo-US Collaboration for Engineering Education (IUCEE).
- ◆ On Recent Advances in Sustainable Energy at Department of Electrical Engineering, IIT, Delhi.
- ◆ Resource person of workshop on Innovation in Teaching and Learning at AIT Gurgaon.

PUBLICATIONS AND PRESENTATIONS:

- ◆ Presented paper in international conference held in Chennai on **“Genetic Algorithms in Controller Design And Tuning”** in Proceedings of International Conference on Soft Computing, at Bharath Institute of Higher Education & Research, Chennai.
- ◆ **“Pole Placement in Controller Design using GA”** in Proceedings of National Conference on Trends of Computational Techniques on Engineering, SLIET, Longowal.

RESEARCH SUMMARY:

Ms. Rajput has worked on the classical benchmark problem of stability of inverted pendulum and its relevance to two legged walking in robotics. Her research areas include design and modeling in control systems, power electronics.

JEETENDRA PRASAD

Assistant Prof.

Department of Electrical Engineering



EDUCATION :-

- **B.Tech (EEE)** Galgotia's College of Engineering & Technology ,Greater Noida
- **M.Tech (EE)** Maulana Azad National Institute Of Technology, *Bhopal* (M.P)

PROFESSIONAL EXPERIENCE:

- ◆ WCTM, Gurgaon as Assistant professor
- ◆ UIT-RGPV, Bhopal as Assistant professor

RESPONSIBILITIES AT WCTM

- ◆ Class Incharge

PROJECT WORK:-

“Design and development of tool and techniques for voltage stability assesment and enhancement of LV Distribution network with Renewable energy based multiple DG penetration.” in **IIT DELHI**.

SHORT TERM COURSES:-

- ◆ Attended one week course on “Applications of Solar Energy and Photovoltaic” organized by IIT Delhi (December 12-18, 2012).
- ◆ Attended Three days courses on “Solar Radiation Resource Assessment and Modeling” jointly organized by IIT Rajasthan and National Renewable Energy Laboratory, USA (August 7-9, 2012).
- ◆ Attended two day workshop on “Renewable Energy for Sustainable Development” organized by MANIT, Bhopal (January 6-7, 2012)

PUBLICATIONS AND PRESENTATIONS:

- ◆ Presented a paper at National Seminar on "Sustainable Energy for Development –Opportunities and Challenges Ahead" December 2012, St. Xavier's College, Palayamkottai.
- ◆ Published a paper on “Electricity Generation from River Water Sediments Using Microbial Fuel Cell” "**An International Research Journal of Basic and applied Sciences**, SCIENTIA ACTA XAVERIANA (SAX) Biannual Special Issue, December 2012. ISSN 0976-1152.

RESEARCH SUMMARY:-

Jeetendra Prasad is concerned with the Green Electricity production, Renewable energy Sources. His research involves Green Electricity production from sediment and plant Microbial Fuel Cell & L V Distribution network with Renewable energy.

VIKAS KUMAR

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRICAL ENGINEERING



EDUCATION –

- B.Tech in Electrical Engineering from Vaish College of Engineering, Rohtak (MDU).

RESPONSIBILITIES AT WCTM –

- Class Incharge.
- Involve in cultural and technical fest held at college.

RAVINDER SINGH

ASSISTANT PROFESSOR.

DEPARTMENT OF ELECTRICAL ENGG.

PHOTO



EDUCATION

M.Tech.(Power Electronics & Drives),

B.Tech.(EEE)

PROFESSIONAL EXPERIENCE

- ◆ Presently working as Assistant Prof. at WCTM, Gurgaon.
- ◆ As Assistant Prof. at LIET, Alwar from July 2013 to July 2014.

RESPONSIBILITIES AT WCTM

- ◆ Teaching under graduate courses in EE

AWARDS, HONORS AND FELLOWSHIPS

- ◆ GATE 2011 and GATE 2013 Qualified.

RESEARCH SUMMARY:

Mr. Ravinder Singh 's research areas include power system and power flow analysis. In his M.Tech. dissertation, he has worked on AC-DC Hybrid Micro Grid; in which he worked on inter connection of power grids.

HARENDRA SINGH

ASSISTANT PROF.

DEPARTMENT OF ELECTRICAL ENGG.

PHOTO



EDUCATION

Pursuing PhD from Mewar University,
M.Tech.(Instru. & Control),
B.Tech.(Electrical Engg.), Diploma(EE)

PROFESSIONAL EXPERIENCE

- ◆ Worked as Assoc. Prof. at Savera Group of Institutions, Gurgaon.
- ◆ Worked as A.P. at PDM College of Engineering, Bahadurgarh, Haryana.
- ◆ As Supervisor in Indian Air Force on Aviation System.

RESPONSIBILITIES AT WCTM

- ◆ Teaching under graduate courses in EE

RESEARCH SUMMARY:

His research areas include PLC and SCADA, Automation Systems.

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:

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

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

PUBLICATIONS AND PRESENTATIONS:

- Y 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.***
- Y 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)***
- Y 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***
- Y 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 .***
- Y Attended international workshop on Global Challenges: Climate Change, Water, Environment and Society on March 2012 at ITM University Gurgaon.
- Y 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.



Vijay Shankar Gupta

ASSOCIATE PROFESSOR

DEPARTMENT OF CIVIL ENGINEERING

EDUCATION

- M. Tech. Building Science and construction management, IIT Delhi, 1986.
- BE Civil Engineering, IIT Roorkee, 1973.

EXPERIENCE

- Teaching Experience of more than 7 years in Engineering Institutes.
- Industrial Experience of over 30 years in DOT India.

RESPONSIBILITIES AT WCTM

- Teaching undergraduate and graduate students
- Guiding projects and thesis

AWARDS, HONORS AND FELLOSHIP

- Selected in DOT after competing the in prestigious All India Engineering Services Examination conducted by Union Public Services Commission.
- Nominated as member of constructional management sectional committee of India Standard institution. The committee had to finalize codes of practice for construction management across the country.
- Awarded the university of Roorkee Merit scholarship in 1969 to 1971.
- Awarded UP Board Merit scholarship in 1966 to 1968.
- Successfully developed a software program for” Cost comparison of structural systems in RCC framed buildings” using Fortan-IV.



EKANSH AGARWAL

ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING

EDUCATION

- Masters of Technology in **Construction Engineering and Management, Indian Institute of Technology Delhi (IIT D)**, India.
- Bachelor Of Engineering in Civil Engineering, **Manipal Institute of Technology**, India (A constituent college of Manipal University)

PROFESSIONAL EXPERIENCE

- Assistant Professor in **DPGITM Gurgaon (Affiliated to Maharshi Dayanand University)**.
- Teaching Assistantship in **Indian Institute of Technology Delhi (IITD)**. Tutored on Structural Analysis (Classroom Tutorials + Laboratory) for B.tech 2nd year civil engineering students.

RESPONSIBILITIES AT WCTM

- Responsible for conducting theory lectures, practical, seminars and workshops on Structural analysis & design.

AWARDS, HONORS AND FELLOWSHIPS

- Secured 2nd position in 'Aavishkar' the flagship event of Techtatva, a National Level Technical fest, 2009. (Designed a sensor operated fully automated bascule mechanism double leaf **bridge** which is designed to provide **effective transport for both roadways and waterways simultaneously** depending on the height of the ship. Sensor operated **working model** was also presented.)
- Worked as an Organizer in Revels, a National level Cultural fest, 2009.

COMPUTER SKILLS

- Project management: **Primavera and Microsoft Project**
- Structural: **Staad Pro, ETABS**
- Drawing: AutoCAD 2D & 3D
- Animation: 3dmax (Autodesk), ARENA certified workshop attended.
- **MS Office Suite** (Developed **Excel Spread sheets** for Design and optimization of structural elements in accordance with Indian standards (IS codes).

RESEARCH SUMMARY

- Project (June 2012 to May 2013), developed a Decision Support System tool for the selection of formwork in building construction using fuzzy logic. **Fuzzy logic** was used to mimic the human brain and function as a decision support system tool for the selection of formwork on the basis of input (requirements) given by the user.

- Project (Jan 2011 to May 2011), Worked on design and analysis of 40 storeys tall building, (Steel Design & Concrete Design Both) using **ETABS**. The analysis was carried for different storey height and comparison was made for lateral load resisting system between the Steel structure and the corresponding RCC structure. Design spreadsheet were also prepared using **Microsoft excel** for the design of the steel elements in accordance with IS 800-2007.
- 3 Storey Hostel Building design Project, March 2010. Design and analysis of beams, slabs & columns in STAAD PRO and Microsoft Excel spreadsheets. And reinforcement drawings in Auto Cad. Worked under Dr. Kiran Kamath's guidance.
- Road project, Near Manipal, Jan 2010, Road alignment and computation of earth work required. (Plan, longitudinal section, Cross section's blockleveling).
- Irrigation Project, Jan 2010 – Plan, Longitudinal section, cross section's block leveling at weir and sluice locations, capacity contours. Computation of capacity and earth work required.

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:

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

RESPONSIBILITIES AT WCTM

1. Time Table Incharge of Civil Deptt.
3. Active member of all Cultural Activities of Civil Deptt at WCTM
4. 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

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

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 3rd 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.

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





SAMUNDER SINGH

ASSISTANT PROFESSOR

DEPARTMENT OF CIVIL ENGINEERING

EDUCATION

- B.Tech in Civil Engg. from M.R.I.E.M. Rohtak, MDU Rohtak
- M.TECH (CIVIL)
- GATE Qualified (2012 & 2013)

PROFESSIONAL EXPERIENCE

- Worked as a lecturer in MIT Polytechnic, Lakhanmajra .
- Presently working as WCTM , Gurgaon as Assistant Professor.

RESPONSIBILITIES AT WCTM

- Teaching undergraduate courses Soil Mechanics and Building Construction Materials & Drawing, Geotech Engg. & Concrete Technology.
- Incharge of the Survey camp.

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 & 8th 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 **“72nd 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 **“76th 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 **“76th 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. ANVITA SINGH

ASSOCIATE PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

EDUCATION

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



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 Carrier 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

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.

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.

Dr. SATENDRA KUMAR SHARMA

Associate Professor

Physics (Applied Sciences and Humanities)



EDUCATION :

- B.Sc. from Dr B R A University, Agra (UP)
- M.Sc.(Physics) from Dr B R A University, Agra (UP)
- M.Phil.(Physics) from Dr B R A University, Agra (UP)
- P.hD. (Physics) from Dr B R A University, Agra (UP)

PROFESSIONAL EXPERIENCE

Academic

- Working as Associate Professor in the department of physics in World College of Technology and Management, Farukhnagar, Gurgaon (Haryana) from Feb. 2014 till date.
- Worked as Associate Professor in Institute of Science and Technology, Klawad, Yamunanagar (H.R.) from November 2013 to Feb. 2014.
- Worked as Associate Professor in Shivalik Institute of Engineering and Technology, Aliyaspur, Ambala(H.R.) from March 2011 to November 2013.
- Worked as an Asstt. Professor in Lingaya's University, Faridabad (H.R.) from June 2009 till March 2011.
- Worked as an Asstt. Professor in Shivalik Institute of Engineering and Technology, Aliyaspur, Ambala (H.R.) from July 2008 to June 2009.
- Worked as a Senior Lecturer in Institute of Science and Technology, Klawad, Yamunanagar from August 2007 to July 2008.
- Worked as a lecturer in Haryana Engineering College, Jagadhri from July 2005 to July 2007.

Administrative

- Worked as Director of Institute of Science and Technology, Klawad, Yamunanagar (H.R.)
- Worked as Additional Director of Shivalik Group of Institutions and Officiating Principal of Shivalik Institute of Engineering and Technology, Aliyaspur, Ambala (H.R.)
- Worked as Dean of Shivalik Institute of Engineering and Technology, Aliyaspur, Ambala (H.R.)
- Worked as Examination coordinator foundation campus, Lab. In- Charge Lingaya's University, Faridabad, Haryana
- Worked as member of Advisory academic committee foundation campus, examination In- Charge foundation campus, Professor In – Charge (Administration) foundation campus and Class Counselor in Ligaya's University, Faridabad (H.R.) .
- Worked as Dean Student's Welfare and Head of department (Applied Sciences), Secretary of Youth Red Cross Committee, Time – Table In- Charge in Shivalik Institute of Engineering and Technology, Aliyaspur, Ambala (H.R.).
- Worked as Class Counselor in Haryana Engineering College, Jagadhri and Institute of Science and Technology, Klawad, Yamunanagar.

RESPONSIBILITIES AT WCTM

- Teaching Engineering Physics to undergraduate students
- Additional responsibility of Principal of Diploma Engineering

AWARDS, HONORS AND FELLOWSHIPS

- have been selected *for consideration in the 2011 Marquis Who's Who in the World*, New Providence, NJ USA 07974908-673-1000
- Awarded as most punctual participant in orientation programme sponsored by UGC at UGC Academic Staff College, BPSM Vishwavidyalaya, Khanpur Kalan, Sonapat, Haryana.
- Gold medalist in M.Phil.

PROFESSIONAL MEMBERSHIPS

- Life member of Indian Physics Association, BARC, Mumbai-400085, India, Materials Research Society of India, Indian Institute of Science, Bangalore 560012, India and Indian Association of Physics Teacher, Kanpur 208025, India.

CERTIFICATIONS AND SHORT TERM COURSES

- Attended one month orientation programme (from 1st July 2010 to 30th July 2010) sponsored by UGC at UGC academic staff college BPSM Vishwavidyalaya Khanpur Kalan Sonapat, Haryana
- Attended two days faculty development programme organized by Lingaya's University, Faridabad, Haryana
- Attended National Workshop on Nanotechnology Applications in Industries & Research (NAIR-2009) at HEC, Jagadhri, Yamunanagar, Haryana.
- Organised many workshops, International conferences, Annual fest etc. in the different capacities at different Institutes.

PUBLICATIONS AND PRESENTATIONS:

Twenty three research papers have been published in International and National journals and conferences.

- Sanjay Kumar, S K Sharma and O P Pandey, 2014, Analysis of second order temperature derivative of volume expansion for NaCl and KCl, Ind. J. Pure and App. Phys. Article in press.
- S K Sharma, , Volume thermal expansivity for lower mantle region of the Earth under adiabatic condition, Physics B, 419(2013) 37.
- S K Sharma, B S Sharma and R Kumar 2013, Anharmonicity in thermal pressure for Aluminium, Ind. J. Pure and App. Phys., 51(2013) 444.
- B S Sharma, S K Sharma and R Kumar, Volume thermal expansion for ionic solid at high temperatures, Int. J. Engg. and Maths, 1/1(2012)27.
- S K Sharma, B K Sharma, B S Sharma and R Kumar, , Entropy for periclase at high compressions and at high temperatures, Mod. Phys. Lett. B, 25(2011)2183.
- S K Sharma and B K Sharma, , Volume dependence of the melting temperature for aluminium, Sol. State. Comm., 150(2010)1367.
- S K Sharma and B K Sharma,2, Volume dependence of thermal expansivity for hcp iron, Physics B, 405(2010) 3145.
- S K Sharma, Thermal energy for ionic solids, Journal of Alloys and compounds, 506(2010) 14.
- S.K.Srivastava, S.K. Sharma, Pallavi Sinha and B.S.Sharma, Gruneisen ratio of Mg_2SiO_4 based on K- primed Equations of State, IETET-2010, GIMT, Kurukshetra, Haryana, India, October

- 14-16 (2010)396.
- S.K. Sharma, Pallavi Sinha, and S.K. Srivastava and B.K. Sharma, Gruneisen parameter of MgO at high temperatures and high pressures, IETET-2010, GITM, Kurukshetra, Haryana, India October 14-16 (2010)237
 - S K Sharma and B K Sharma, , Lingaya's Journal of Professional Studies (Lingaya' University Press), 3/1 (2009) 84.
 - S K Sharma, Debye temperature of hcp iron at extreme compression, Sol. State Comm., 149 (2009) 2207.
 - S K Sharma, Temperature dependence of thermodynamic properties of ionic solids , Int. J. Mod.Phys. B, 23/ 11 (2009) 2503.
 - S K Sharma, Mixed temperature and pressure derivative of isothermal bulk modulus for Debye like solid, Sol. State Sciences, 11 (2009) 918.
 - S K Srivastava, S K Sharma and P Sinha, Compression dependence of αK_T for ionic solids, J.Phys. Chem. Solids, 70 (2009) 255.
 - S K Sharma, Volume dependence of Gruneisen parameter for solids, Mod. Phys. Lett. B, 22/31 (2008) 3113.
 - S.K. Srivastava, S.K. Sharma , K.Vinod and V.S.Malik, Entropy of MgO based on the Stacey Equation of state, 69 (2008) 1029.
 - S.K.Srivastava and S.K.Sharma , Elastic constants for NaCl and KCl solids at high temperatures, J.Phys.Chem. Solids, 68(2007)1648.
 - S.K.Srivastava and S.K.Sharma, Low compression thermodynamic and thermoelastic properties of NaCl at high temperatures, Physics B , 391(2007)238.
 - S K Sharma, S K Srivastava and B S Sharma, Thermal conductivity of solids at high temperatures and high pressures, Int. J. Mod. Phys.B, 21/25(2007)4419.
 - K.Vinod, V.S.Malik, S.K.Sharma and S.K.Srivastava, Temperature dependence of thermal pressure for NaCl and KCl crystals, J.Phys.Chem. Solids, 68(2007)32.
 - S.K.Srivastava and S.K.Sharma, Temperature dependence of elastic constants for NaCl solid,Physica B, 388(2007)350.
 - S.K.Srivastava and S.K.Sharma, Analysis of temperature dependence of thermal pressure and thermoelastic properties of MgO, Physics B, 373(2006)258.

RESEARCH SUMMARY:

He did his M.Phil and Ph.D. in condensed matter physics from Dr B R A University, Agra (UP). His areas of research interest is thermodynamic and thermoelastic properties of solids at high temperatures and high pressures as:

- Volume/pressure/compression dependence of thermal energy, Debye temperature, thermal expansivity, thermal pressure, thermal conductivity, specific heat, melting temperature and elastic constants for solids.
- Theoretical formulation for volume dependence of Gruneisen parameter, second Gruneisen parameter and third Gruneisen parameter for solids.
- Anharmonic behavior of solids, one paper published in Earth Science also.

Five M.phil. have been awarded and three Ph.D. thesis are under his supervision.

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

- ◆ Assistant Professor, World College of Technology & Management, Farukhnagar (Gurgaon).
- ◆ 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"

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

- ◆ Assistant Professor, WCTM Gurgaon.
- ◆ 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 **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.

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 19th 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 20th 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 14th & 15th 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 16th & 17th 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 11th 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 3rd & 4th February, 2012.
- ◆ *Presented a Paper entitled “Demographic Dividend: A major challenge in Northern States”* in the National Conference at IITM, New Delhi held during 21st 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 1st

International Conference & 5th 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 14th 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 19th -20th 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.

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.

Dr. ANJULA ASDEO

ASSISSTANT PROFESSOR

EDUCATION

- ◆ B.Sc. from Lahoo Memorial College of Science and Technology, Jodhpur.
- ◆ M.Sc.(Chemistry) from Jai Narain Vyas,Uni. Jodhpur.
- ◆ Ph.D. from Jai Narain Vyas,Uni. Jodhpur.

PROFESSIONAL EXPERIENCE

- ◆ Worked as Assistant Professor, Department of Chemistry, Vyas Institute of Engg. And Technology, Jodhpur(Jan2012-Oct.2012)
- ◆ Worked as guest faculty, Jai Narain Vyas,Uni. Jodhpur(Aug. 2010-Feb 2011).

RESPONSIBILITIES AT WCTM

- ◆ Teaching undergraduate students.

CERTIFICATION:

- ◆ UGC-NET(LS),2009 AIR-172
- ◆ GATE, 2010, AIR-1463
- ◆ First rank in Univ. merit in M.Sc. 2008.

RESEARCH SUMMARY:

Dr. Anjula Asdeo did her PhD. from Jai Narain Vyas,University, Jodhpur. Her research area of interest is study of heavy metal contaminants in edibles applying various spectrophotometric techniques. She has published many papers in reputed international journals in this field.

Charul Varshney

ASSISSTANT PROFESSOR
DEPARTMENT OF APPLIED SCIENCES

EDUCATION

- ◆ B.Sc. from M.J.P. Rohilkhand University, Bareilly.
- ◆ M.Sc. (Physics) from M.J.P. Rohilkhand University, Bareilly.
- ◆ M.Tech. from IIT, Delhi.

RESPONSIBILITIES AT WCTM

- ◆ Teaching undergraduate students.

CERTIFICATION:

- ◆ GATE, 2011, AIR-426

RESEARCH SUMMARY:

Her research area of interest is the surface Plasmon resonance based fiber optical reflective index sensor by using different approaches. She has published many papers in International/ National conferences in this field.

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

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

RESPONSIBILITIES AT WCTM

- ◆ Teaching Engineering Mathematics to UG Classes.

RESEARCH SUMMARY

“Dissertation on Replacement theory”

DR. SHACHI YADAV

ASSISTANT PROFESSOR & HOD

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.

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 4th 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

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 1ST 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 7th 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.

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:
 - Y (i) NSIC for setting up of WCTM – NSIC Joint Technical Incubation Centre (TIC),
 - Y (ii) AICTE for various Research Promotion Schemes (RPS),
 - Y (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:
 - Y Induction & Management Course in Ordnance Factories Staff College (OFSC) Nagpur,
 - Y Management Accounting in Institute of Cost & Works Accountants (ICWA) Kolkata,
 - Y System Analysis & Design of Computerized Systems in National Informatics Centre (NIC) New Delhi,
 - Y Project Monitoring & Management in Prima Vera and MS Project in Project Management Institute (PMI) New Delhi,
 - Y 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.

NEHA CHAUHAN

ASSISTANT PROFESSOR

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
- ◆ 2nd 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



MINAKSHI DAHIYA

ASSISTANT PROFESSOR

DEPARTMENT OF MANAGEMENT STUDIES

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

- ◆ Assistant Professor, World College of Technology & Management, Faruhknagar (Gurgaon).
- ◆ 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”





ANU SHARMA

ASSISTANT PROFESSOR
DEPARTMENT OF MANAGEMENT STUDIES

EDUCATION

M.Com (Finance) Bangalore university.
MBA (Finance) Amity university.
M.Phil (Finance) Madurai Kamaraj university.

PROFESSIONAL EXPERIENCE

- ◆ Worked as a lecturer in the Centre of Management studies, Jain group of Institutions from June, 2005 to Sept, 2005.
- ◆ Worked as a Personality Development Trainer in Jetking & IIHT from Jan, 2006 to Jan, 2007.
- ◆ Worked as an Executive in the Airwaves Electricals Ltd from July, 2007 to May, 2010.
- ◆ Presently working as a Assistant Professor in the department of Management studies, WCTM.

RESPONSIBILITIES AT WCTM

- ◆ Teaching BBA and MBA students.
- ◆ Active member of admission team of college.

AWARDS, HONORS AND FELLOWSHIPS

- ◆ Received award for Highest marks in Taxation in Bcom.
- ◆ Achieved highest percentage in First year Mcom.
- ◆ Participated and won awards in cultural activities in college.

RESEARCH SUMMARY

Ms Anu Sharma's work in MPhil is concerned with the Dividend policy of IT companies in India. Her research deals with dividend policies and retention of profits by the leading IT companies in India.

ETI KHATRI

ASSISTANT PROFESSOR
DEPARTMENT OF MANAGEMENT STUDIES

EDUCATION

MBA (Finance) from Rajasthan Technical University, Kota
B.Sc. from Rajasthan Technical University, Kota

PROFESSIONAL EXPERIENCE

- ◆ Four Years of Teaching Experience

RESPONSIBILITIES AT WCTM

- ◆ Teaching various subjects in Management.
- ◆ Academics
- ◆ Discipline and time table

AWARDS, HONORS AND FELLOWSHIPS

- ◆ Editor in college magazine DMS-DIGEST.
- ◆ 2nd Prize in science model competition.

PROFESSIONAL MEMBERSHIPS

- ◆ **Member of AIMA**
- ◆ Member of college governing committee

PUBLICATIONS AND PRESENTATIONS:

- ◆ Presented "***Impact of Result announcement on stock Prices: A study of banking stocks***" in international conference on Sustainable management practices development & dimensions"
- ◆ Presented "***Impact of factors affecting the pricing strategies of branded drugs in India: An empirical study for drugs of analgesic category***" in national conference on Emerging Challenges and Opportunities in Pharmaceutical Management
- ◆ Presented "***Consumer response towards Online- buying and internet marketing-A survey of Jaipur city***" in national conference on Business strategies and economic growth: the way forward
- ◆ Presented "***Impact of cross border merger and acquisitions on the financial performance- A study of TATA group***" in national conference on paradigm shift in business practices: challenges & perspectives

RESEARCH SUMMARY

He is pursuing doctorate from EAFM department, University of Rajasthan on "Pricing Strategies of Indian drug industry- a comparative study of selected public and private sector companies.