

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 al., 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)

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



EDUCATION

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

PROFESSIONAL EXPERIENCE

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

RESPONSIBILITIES AT WCTM

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

AWARDS, HONORS AND FELLOWSHIPS

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

PROFESSIONAL MEMBERSHIPS

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

CERTIFICATIONS AND SHORTTERM COURSE

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

PUBLICATIONS AND PRESENTATIONS:

RECENT RESEARCH PAPERS- INTERNATIONAL JOURNALS

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



Mr. 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
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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 telecomn 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. AJAY KUMAR DAGAR

VICE PRINCIPAL AND CO-ORDINATOR

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

EDUCATION

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



PROFESSIONAL EXPERIENCE

- ◆ Total 16 years industrial/ academics experience.

RESPONSIBILITIES AT WCTM

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

AWARDS, HONORS AND FELLOWSHIPS

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

PROFESSIONAL MEMBERSHIPS

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

PUBLICATIONS AND PRESENTATIONS

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

RESEARCH SUMMARY

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

DR. POOJA SAPRA

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



EDUCATION:

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

PROFESSIONAL EXPERIENCE:

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

RESPONSIBILITIES AT WCTM

- ◆ 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'

DR. NEETU SINGH
ASSOCIATE PROFESSOR & HEAD
DEPARTMENT OF APPLIED SCIENCES



EDUCATION

- ◆ B.Sc. (Physics, Statistics and Mathematics), 2002 from Dr Bhim Rao Ambedkar University, Agra.
- ◆ M.Sc. (Mathematics), 2004 from Dr Bhim Rao Ambedkar University, Agra.
- ◆ Ph.D. (Mathematics), 2010 from Dr Bhim Rao Ambedkar University, Agra.

PROFESSIONAL EXPERIENCE

- ◆ (Since 2011)- **World College of Technology and Management (WCTM)**, Gurgaon, Haryana. (Affiliated to MDU, Rohtak)
 - as **Associate Professor** (Jan 11- till date)
 - as **Assistant Professor** (July 08-June, 2011)
- ◆ (2005-2008)- Lecturer in **Hindustan College of Science and Technology (HCST)**, **SGI**, Mathura (Affiliated to UP Technical University).
- ◆ (2004- 2005)- Lecturer in R. B. S. College, Agra.

RESPONSIBILITIES AT WCTM

- ◆ Head of Department of Applied Sciences.
- ◆ Teaching Engineering Mathematics, Mathematical foundation of computer science, Operations Research, Numerical methods etc. to U.G. and P. G. Classes.
- ◆ Organized a conference at WCTM.
- ◆ Mentoring of I year Students.
- ◆ Member of Organizing Committee of several fests.
- ◆ Member of Women Welfare Committee and Discipline Committee.

CERTIFICATIONS AND SHORT TERM COURSES

- ◆ Attended the National Workshop on “**Scientific Computational Techniques**”, Department of Mathematics and Statistics, Manipal University, Jaipur, Dec. 18-19, 2014.
- ◆ Participated in the D. S. T. workshop “**Mathematical Modeling Optimization and Their Applications**” held during 23-27 April, 2007, Bharti Vidyapeeth University, Delhi.
- ◆ Attended FDP (Faculty Development Programme) at HCST, 2005.

MR. 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.

MR. 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:

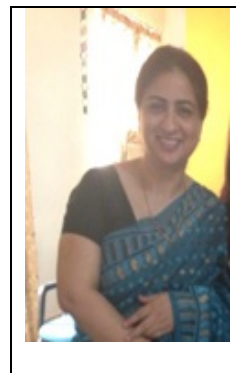
- Ajay Kumar, Geeta Gupta, Arun Mallik, Anuj Bhatnagar, "Single mode optical fiber based refractive index sensor using etched cladding", Journal of Instrument Society of India, vol.41, No.2, June 2011.
- Ajay Kumar, Geeta Gupta, Arun Kumar Mallik and Anuj Bhatnagar, "Single Mode Fiber-Optic Temperature 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.

MS. MONIKA BHAT
Assistant Professor
DEPARTMENT OF ELECTRONICS & COMMN. 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 (describe your current job profile with all additional responsibilities)

- ◆ teaching B.Tech. students of Electronics & Commn. Engg. Of various semesters besides conducting seminars, guiding students in project works etc.

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 Japan.

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.

RESEARCH SUMMARY:(in4-5 lines)

Have been project guide of final year students for the last six years and have been conducting/ guiding students in seminars etc.

MS. RITIKA MAKHIJA

Assistant Professor

DEPARTMENT OF Electronics and communication Engineering



EDUCATION

B.Tech(hons.) Electronics and Communication, MDU.

M.Tech (hons.) Electronics and Communication, MDU, Rohtak.

PROFESSIONAL EXPERIENCE

3.5 years of academic experience.

RESPONSIBILITIES AT WCTM

- Involve in cultural and technical fest held in college
- Coordinated play performed in cultural fest held in college.
- Organise workshop in college on emerging trends in electronics.
- Currently teaching post graduate and undergraduate students.

PROFESSIONAL MEMBERSHIPS

Life membership of ISTE.

AWARDS, HONORS AND FELLOWSHIPS

- Gold medal at national science exhibition.
- Student of the year at college level.

CERTIFICATIONS AND SHORT TERM COURSES

CCNA(Cisco Certified)

PUBLICATIONS AND PRESENTATIONS:

- Presented Two Paper In National Conference.
- Attended National Conference “Renewable resources” at WCTM

MR. 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.

MR. RAVINDER SINGH

ASSISTANT PROFESSOR.

DEPARTMENT OF ELECTRICAL ENGG.

**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.

- Attended 2 days workshop ‘Workshop on IT Industry Practices- Practitioners’ Approach in Testing– NASSCOM initiative 2006 At Accenture, Gurgaon
- Attended 5 days workshop SUN Faculty Training Program CORE JAVA SL275 IT work force development organized with Sun Systems– NASSCOM initiative 2006 At J.I.E.T Jodhpur

Conferences:

Presented Paper in International Conferences

- Presented Paper "e-bus: Web Services" in International Conference held at Hyderabad in Jan 2009.
- Presented paper “Interpretability of Data Sources - Providing Information” in INDIACOM-2009 at Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi

Presented Paper in National Conferences

- Presented Paper in National Conference on Distributed Computing NCDC 2006 on “Artificial Neural Network Based Distributed Intrusion detection System (ANN-DIDS)” with co-author Dr. Jayshree Vajpayi Associate Professor Department of Electrical Engineering MBM Engg. College Jodhpur Organized by: Padmashree Dr.D.Y.Patil Institute of Engineering and technology, Pimpri, Pune-411018
- Presented Paper in National Level Seminar on Current Advances in Information Protection and Security 26-28 Feb., 2005 on “Prevention of Malicious Signals Intrusion Using ANN” with co-author Mr. Anurag Purohit Assistant Professor Department of Computer Science Engineering JECRC Jodhpur Organized by: MBM Engineering College, Jodhpur, Rajasthan
- Presented Paper in AICTE-UGC sponsored National Seminar on Emerging trends in soft computing based Artificial Intelligence Feb 27-29, 2004 on “Computer Aided Group Engg.: Application in Indian Industries” with co-author Dr. R. K. Jain, Professor JECRC Jodhpur Organized by: MBM Engineering College, Jodhpur, Rajasthan
- Presented Paper “Internet Information Provider: Web Services” in 23rd National Convention of Computer Engineers and National Seminar on "RECENT ADVANCES IN COMPUTATIONAL SCIENCE AND ENGINEERING" at the Institution of Engineers (India), Jodhpur Local Centre, Jodhpur.

Presented Paper in State level Conference

- Presented Paper in NAAC sponsored State Seminar on Improving the Quality of Education through ICT Feb 12-13, 2005 on “Enhancing Effectiveness of Engineering Education through ICT” with co-author Dr. R. K. Jain Professor JECRC Jodhpur Organized by: Department of CSE L. M. College, J. N. V. U Jodhpur.

MS. MONIKA MALHOTRA
Assistant Professor
Department of CSE/IT & MCA



EDUCATION

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

PROFESSIONAL EXPERIENCE

Total experience: - About 4 year

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

RESPONSIBILITIES AT WCTM

- ❖ Teaching Graduate Level Subjects of Computer Science & Engineering like Theory of Computation, Database Management System,Software Engineering,Web Engineering etc..
- ❖ Teaching Post Graduate Level Subjects of Computer Science & Application(MCA) like Object Technology,C Programming and Visual Basic Programming.
- ❖ Guided M.Tech(final year) students in their Dissertation Work.
- ❖ Guided MCA(final year) students in their Industrial Training.

CERTIFICATIONS AND SHORT TERM COURSES

- Certificate of a workshop on Ethical Hacking.
- Certificate of a paper presentation in national conference.
- Attended seminar on Current Trends Emerging in IT at World College of Technology & Management, Gurgaon.
- Attended 1 day seminar on cloud computing organised by CETPA in WCTM Gurgaon.

PUBLICATIONS AND PRESENTATIONS:

- “Mutation Testing for OO Programs” published in national conference in TIT&S, Bhiwani.
- “Biometric Technology: A Look and Survey at Face Recognition” published in International Journal of Engineering Science Invention (IJESI) Vol. 3, Issue.9, PP.24-30 June 2014.
- “Enhancing Security in Palm Print Recognition Systems Using Encryption Algorithms” published in International Journal of Engineering and Computer Science Vol. 3, Issue. 6, June 2014.
- “Requirement Elicitation of Large Web Projects” published in International Journal of Engineering and Computer Science Vol. 3, Issue. 7, July 2014.

RESEARCH SUMMARY:

The research work was concerned with a Mutation testing technique on object oriented programs. Through this testing best test cases are designed. Evaluations of the all types of mutants are performed using MUJAVA tool. A case study has performed on the various open source object oriented programs.

- National seminar on “Technologies and Development in Database Management” at Dronacharya College of Engineering in July 2009.
- Workshop on Personality Development at WCTM in April 2010.
- Workshop on LaTeX Technology in Institute of Engineering and Technology in October 2010.
- National conference on Emerging trends in computing and technology at WCTM in October 2011.
- Conference on Renewable Energy resources in green building technology in October 2012 at WCTM.
- National Seminar on “Advance and Outreach of information technology, introspection and the road ahead”, sponsored in IIT, Delhi, December’2012.

PUBLICATIONS AND PRESENTATIONS:

- “Intrusion Detection System”, National Conference NCETCT’11 at World College of Technology and Management, Gurgaon, Sep, 2011, by Urvashi Bakshi, Pooja Sapra.
- “Biometric: A look and survey at Face Recognition”, International Journal of Engineering Science Invention, June’2014, by Urvashi Bakshi, Monika Malhotra, Rohit Singhal.
- “A survey on Face Detection Methods and Feature Extraction Techniques of Face Recognition”, International Journal of Emerging Trends and Technology in Computer Science, July’2014, by Urvashi Bakshi, Rohit Singhal.
- “A new approach of Face Recognition using DCT, PCA and SOM neural network”, International Journal of Emerging Trends and Technology in Computer Science, July, 2014, By Urvashi Bakshi, Rohit Singhal.

RESEARCH SUMMARY:

Currently working working in the field of face recognition with its 2-d and 2-d application under neural network algorithms.

In the college she has accomplished following responsibility:

TIME AT WCTM

Since Jan 2009

lead to a number of attacks, such as, cache poisoning, cache spoofing etc. Hence, there is a need of securing DNS.

There are various security measures adopted in DNS using public key cryptography, which includes RSA and DSA. With the technology growing day by day, there is a need of same level of security with smaller key sizes. Now, everyone uses mobile to retrieve data from internet and mobile being small and portable device needs security with less power consumption. This can be done with the help of Elliptic Curve Cryptography (ECC) by implementing Elliptic Curve Digital Signature Algorithm (ECDSA) in DNS. **My Research Work includes a new implementation of ECDSA, with improved complexity of signing process.**



MS. 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

MR. PURUSHOTTAM KUMAR

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.



EDUCATION

- ❖ BCA (Honors) in Computer Application from Magadh University, Rohtak.
- ❖ MCA from Maharshi Dayanand University, Rohtak.

PROFESSIONAL EXPERIENCE

- ❖ Working as Assistant Professor (CSE) in WCTM, Gurgaon from July 2015 to till date.
- ❖ Provide training in Web Development in many institution.

RESPONSIBILITIES AT WCTM

- ❖ Teaching Graduate Level Subjects of Computer Science & Engineering like C,C++,Data Structure, JAVA, Operating System.
- ❖ Teaching Post Graduate Level Subjects of Computer Application .
- ❖ Guided B.Tech (final year) students in their Industrial Training.

CERTIFICATIONS AND SHORT TERM COURSES

- ❖ Training in Java From **APPIN Technology**.
- ❖ Training in **PHP & Mysql** from **Arkss Technologies** .
- ❖ Attended Workshop on Emerging Technologies at WCTM, Gurgaon.
- ❖ Attended seminar on Current Trends Emerging in IT at World College of Technology & Management, Gurgaon.
- ❖ Participate in Debugging in Programming Language at WCTM.
- ❖ Awarded By Hindustan Newspaper during my +2 for Top ranker in College.
- ❖ University 1'st Ranker during BCA.
- ❖ University Ranker during MCA.

RESEARCH SUMMARY

I have made many research in programming language like C and work specially on pointer part of this language so that it will become easy to understand for the student .I am the part of this research for 5 year and continuously working on different module of other programming language.

There are many new thoughts that is in my mind and after some extent of time I will publish my book on different programming language so, that programming in not fear for the student.

MR. 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.

MR. 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 since 2012.

RESPONSIBILITIES AT WCTM:

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

MR. PRASHANTA KUMAR PAUL

ASSISTANT PROFESSOR
DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING



EDUCATION:

- B.Tech. (Mechanical Engineering), GB PANT University, Pantnagar, UK
- M.Tech. (Mechanical Engineering), MDU ROHTAK.

PROFESSIONAL EXPERIENCE:

- **INDUSTRIAL:** 30 years (Construction Engineer, Planning Engineer and Project Engineer at EIL Delhi).
- **TEACHING:** Assistant Professor in W.C.T.M. Gurgaon.

Handled various Project assignments of super size from Civil work to commissioning and from Design to Construction.

RESPONSIBILITIES AT WCTM:

- Teaches subjects like Power Plant Engineering, Dynamics of Machines, EGD,
- Organizes Industrial Visits etc.
- Member of organizing committee of Seminar on “Advancement in Mechanical Engineering”.

TRAINING, WORKSHOP AND SHORT TERM COURSES:

- Training of Planning, Scheduling & Monitoring I,II,III by EIL Delhi.
- Training of HVAC by AC CENTRE, Hyderabad.
- Attended workshop on HAZOP STUDY at Milan, Italy.
- Short term course on precision welding by BHEL Trichy.

PUBLICATIONS AND PRESENTATIONS:

One research paper on cold storage design (Maxm atm temp. 51d) published and presented in an International Conference at Abu Dhabi, UAE.

INDUSTRIAL EXPERIENCE SUMMARY:

Mr. Prashant Kumars 30 years experience is about Construction Engineer, Planning Engineer and finally to Project/Design Engineer of chemical Plants .The different activities covered Licencer selection, Basic Design, Detail Design, Quality Control, Progress Measurement, Manufacturing, and Erection of chemical plants .The work also involved Boiler, Pumps, Compressor, Valves, AC Equipment, Chilling PLANT, WTP, ETP etc. for Contract Management, Coordinating the agencies, Man-hour estimation, Progress Reporting and Client handling.



ANKIT SETHI
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
E-Mail: wctmcivil@yahoo.co.in

QUALIFICATION

- ◆ B.Tech (Civil Engineering) Government Engg. College Jhalawar, Rajasthan
Rajasthan technical University (R.T.U. Kota)
- ◆ M.Tech in structural Engg. (R.T.U,Kota),University Topper with Honours.

PROFESSIONAL EXPERIENCE

- ◆ Worked as a lecturer in Govt. Engg. College Jhalawar from july 2011 to march 2012
- ◆ Presently working as a Assistant Professor at WCTM

RESPONSIBILITIES AT WCTM

- ◆ Teaching undergraduate courses like design steel structure, Irrigation Engg., Geotechnology, Construction and Concrete Technology etc.
- ◆ Incharge of the site visit and survey camp

BIOGRAPHY

Mr. Ankit Sethi is B.Tech Civil Engineering from Government Engg. College Jhalawar, Rajasthan. He is has been selected to pursue M.Tech (Structural Engineering) at Kautaliya Institute of Technology And Engineering, Jaipur. He is co investigator of Research Proposal entitled Design and development of solar thermal pasteurization Unit for disinfection of rain water. He has attended one National conference & one workshop. He has two years of teaching experience. He teaches Design of steel structures, Irrigation Engineering, Geotechnology etc. He has guided three B.tech projects in the area of Geotechnology. He was incharge of Survey camp 2012 held at Manesar. He is member of college Magazine Committee.

- MS Excel

RESEARCH TOPIC

- **Study of Carbonation of Concrete incorporating Fly ash and GGBS**

Description-1. Mix design of concrete incorporating processed fly ash.

2. Varied percentage of fly ash from 0% to 50%
3. Variation of w/c ratio from 0.5 to 0.6
4. Effect on workability and strength of concrete at 28 and 56

Days was studied.

- **Experimental study of workability and compressive strength of concrete using fly ash**

Extensive research work was carried out on understanding of workability, strength and And durability of concrete using fly ash as a mineral admixture. Experimental research Work was carried out for the above mentioned purpose.

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.

ANNEXURE

Membership of Different Technical Societies:

1. Member, Institution of Mechanical Engineers (Membership No. 80242285)
2. member of International Association of Engineers (IAENG), Singapore (121229)
3. Member, The Institution of Engineering and Technology (IET), (Membership No. 1100244925).
4. Member, The Science and Information Organization (SAI).
5. Member, Association of Machines and Mechanisms (AMM)
6. Senior Member, Indian Society of Mechanical Engineers (ISME)

MS. ANJALI SEHRAWAT



LECTURER

DEPARTMENT OF CIVIL ENGINEERING

Email: wctmcivil@yahoo.co.in

EDUCATION

- M.Tech. in Structural Engineering, MDU Rohtak
- B.Tech. in Civil Engineering, MDU Rohtak
- Diploma In Architecture Assistantship, BTE

TRAINING EXPERIENCE

- 4 months project on replacement of M.S Dome of Digester in Ixia Infratech.
- 4 weeks project on ATC tower in GMR Company.

RESPONSIBILITIES AT WCTM

Teaching undergraduate level courses

ACHIEVEMENTS

Got rank in MDU Examinations.

COMPUTER SKILLS

- knowledge of MS office
- knowledge of AutoCAD

ROHIT KUMAR

Assistant Professor

Department of Civil Engineering



EDUCATION:-

- M. Tech in Rock Engineering from Indian Institute of Technology, Delhi (2014)
- B. Tech. in Civil Engineering from B.B.D.N.I.T.M, Lucknow (2011)

PROFESSIONAL EXPERIENCE:-

- Presently Working as an Assistant Professor in World College of Engineering & Technology, Gurgaon

RESPONSIBILITIES AT WCTM

- Co-ordinator of 8th semester in Civil Engineering Department.
- Teaching B.Tech students of civil engineering department

PROFESSIONAL MEMBERSHIP

- Member of CES (Civil Engineering Society, IIT Delhi).

CONFERENCE

- Organized The Indian Geotechnical Conference (IGC2012) on Advances in Geotechnical Engineering held during 13th to 15th December, 2012 at IIT Delhi
- Organized 3rd IGS-FERROCO TERZAGHI ORATION on “Design and Construction of Barrier System to Minimize Environmental Impact Due to MSW Leachate and Gas” held on 5th October 2012 at IIT Delhi.

RUHUL HASSAN

Assistant Professor

Department of Civil Engineering



EDUCATION:-

- M. Tech in Environmental Engineering from PEC University of Technology, Chandigarh (2014 - 2016)
- B. Tech. in Civil Engineering from Jorhat Engineering College, Assam in the year 2013.

PROFESSIONAL EXPERIENCE:-

- Presently working as Assistant Professor in Department of Civil Engineering in World College of Technology & Management , Gurgaon (Haryana)

PROFESSIONAL MEMBERSHIP:-

- Member of American Society of Civil Engineers (ASCE-PEC)

RESPONSIBILITIES AT WCTM:-

- Co-ordinator of 6th semester in Civil Engineering Department.
- Teaching B.Tech students of Civil Engineering Department

CONFERENCES & PUBLICATIONS

- Presented research papers in 4 National Conferences
- Published a research paper in International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 7, July 2016 titled “*A Modelling Approach to Assess the Impact of Black Carbon Deposition on Snow Surface Albedo*”



Sanjeeva Narain Singh

Eng – MICE

Address for Correspondence:
Department of Civil Engineering
World College of Technology
& Management; Farookhnagar;
Gurgaon ; Haryana ; INDIA

Phone :India - 91-9053370761

E-mail enqrsanjeeva@yahoo.com

B . Tech . ; PG Dip.-ACM ; MIE ; I

Career Milestones :

Joined WCTM since August 2015 and Continuing till present :

Currently teaching **Hydropower Engineering , Building Construction Materials and Drawing , Fluid Mechanics and Geotechnical Engineering** to students of 4th Semester and 6th Semester pursuing B.Tech. in Civil Engineering at **World College of Technology and Management , Farookhnagar , Gurgaon , Haryana (India)**

2013-2015: Local Omani Company Qurum Projects LLC as Manager-Contracts .

Job Profile : Getting extra claims and bills certified as per contract, resolving disputes/deviations/extra work in contract.

2006-2013: M/s Larsen & Toubro Limited , ECC Division, Chennai since 2006 :-

Job Profile :: Involved in Project Construction Management as **Projects –Construction Manager – Civil** on following projects :- Liaisoning with Project Management Consultant to get my job certified , Managing overall construction of Airport Terminal Building Civil and Finishing Works.

- ➔ **Salalah Airport Project , Salalah (Oman), Middle East Gulf Country since 2012-2013**
- ➔ **Mumbai International Airport Terminal T2 , Mumbai (India). Jan. 2009-2012.**
- ➔ **Indira Gandhi International Airport Terminal 3, New Delhi (India). Feb. 2007-Jan. 2009.**
- ❖ **Plant-In-Charge of Ready-Mix-Concrete Plant; Ahmedabad , Gujarat. Joined March 2006.**

2004–2006: **Today Hotels (P) Ltd., Statesman House ; New Delhi** Worked on Rs 300 Crore **5- Star Intercontinental Deluxe Hotel ; as Senior Project Engineer** and was responsible for Overall Project Planning including Quality Control , Billing and MIS ; concreting of Civil/Structural works using Ready-Mix-Concrete etc..

2002-2004 : UPPAL'S REAL ESTATE ; New DELHI ; Worked on **Institutional Building Project as Manager. Having Overall responsibility of** Managing civil construction including finishing works .

1996-2002 : Mahindra-GESCO Corporation Ltd., Mahindra Tower; Mumbai , Worked on **Real Estate 29 storey High Rise Residential Tower** at Mumbai Central **as Assistant Manager-Technical**; and was involved in Planning and Monitoring construction Activities ; Giving Technical Advice; Occasional Billing , Preparing Technical Report on day to day challenges.

1992 -1996 : Ashiana Engicons Ltd , Ashiana Tower ; Worked on **Economical Residential Multi-Storey Framed Structure Tower** Building in Real Estate Development **as Project Site-In-Charge** . My responsibility includes executing Construction Activities as per plans , preparation of Daily Work Progress Report , Bar Binding Schedule , Measurement & Billing for Sub Contractors .

1999-2001 : Post Graduate Diploma in **Advanced Construction Management** from National Institute of Construction Management and Research , Pune (India) .

1988-1992 : First Class **Bachelor of Technology in Civil Engineering** from Govind Ballabh Pant University of Agriculture and Technology Technology , Pantnagar , Nainital , U.P.

Project Work Dissertation on **"Seismic Resistant Structural Design of RCC framed Nine-Storeyed Residential cum Commercial Complex"**.

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Academics

Specialization

"International Construction Contracts & Project Marketing " from National Institute of Construction Management & Research , Pune (India) and Management Development Program in **"Risk Analysis and Value Engineering"** from National Institute of Construction Management

and Research , Pune (India) while pursuing PG Diploma from NICMAR .

Research Work

Post Graduate Thesis Work on **"Solid Waste Management as a Business – A Techno-Economic feasibility Study"** under guidance of Director of National Productivity Council , Lodhi Road , New Delhi , India .

Computer Proficiency

Windows Base : MS Word ; MS Excel ; MS Power Point

Application Software: MS Project ; Primavera ; AutoCad – 2000 ; 3D-StudioMax ; STAAD-PRO; ACONEX and CEMA for Construction Projects.

Special Skills

1. **Pre-Qualification of Vendors & Technical Bid Evaluation for Procurement.**
2. **ISO Quality Audit of Construction Sites. Was Quality week debate champion 2009&2010**

Honours and Awards:

Won a **National Prize Honour for my Technical Paper titled "Science and Technology of Mud --- It's revival as a Construction Material"**, at All India Technical Paper writing and Seminar Presentation Contest organized by **"Institution of Engineer's (India)"** at Karnataka Regional Engineering College located at Surathkal ; Mangalore in Karnataka (India). Also won Quality Trophy for best Construction Project at Mumbai Airport Project.

Professional Membership:

Member Institution of Engineer`s (India) ,

Member Institution of Civil Engineer`s – UK



MR. PANKAJ SAINI

LECTURER

DEPARTMENT OF CIVIL ENGINEERING

Email: wctmcivil@yahoo.co.in

EDUCATION

- M. Tech. in Structural Engineering from MDU, Rohtak
- B. Tech. in Civil Engineering from MDU, Rohtak

TRAINING EXPERIENCE

- 4 months project on construction of residential building in JJRS Projects.

RESPONSIBILITIES AT WCTM

Teaching undergraduate level courses

COMPUTER SKILLS

- knowledge of MS office
- knowledge of AutoCAD 2D and 3D

Achievements

- Rank holder in MDU university examination.
- Organizer of IBCC Bridge Championship and various other workshops at college level.

Nirmal kumar Dhir
Superintending Engineer(Retd.)
Head ,Civil Engineering Deptt.



1. NAME : **Nirmal Kumar Dhir**
2. DATE OF BIRTH : 28th December 1956
3. NATIONALITY : Indian
4. EDUCATION :
 - **Masters in Civil Engineering (Soil Mechanics and Foundation Engineering)**from GNEC, Ludhiana, Punjab University, Chandigarh, 1999
 - **B. Sc. Engg (Civil) Hons.** from GNEC, Ludhiana, Punjab University, Chandigarh, 1978

PROFILE

Having a **Master's Degree in Civil Engineering** with more than **37 years of experience** in the field of Water Supply, Sanitation and Environmental Engineering with analytic & academic bent of mind he recently retired as Superintending Engineer from Govt. Deptt. He is a successful Civil Engineer professional with proven, consistent track record of more than three decades of Serving in Water Supply & Sanitation Deptt. A finely honed strategic & analytic sense makes him a value-added and innovative solution-provider, combined with the proven ability to strategize to successful in time completion of targeted projects. His experience is extensive & diverse: conceiving, planning, designing & execution of Multifaceted Engineering Projects which include water supply & sewerage schemes of cities, towns & villages which includes hydraulic & structural design of various components of water supply and sewerage schemes with expertise in designing of water treatment plants & sewage treatment plants as well as over head service reservoirs. Structural design & execution of multistory buildings, Industrial Focal Points, 150 Bedded ESI Hospital, Stadia (both indoor & outdoor), Bus Stands & multistory Housing Complex. His academic Interests made him to write & present Technical Papers in various National & International Seminars getting acclaim for his technical Presentations both at state level as well as at national level. He Joined WCTM as PROFESSOR & Head Civil Engineering Deptt.in Feb., 2016 . Apart from perfuming routine duties of Head of Deptt., he is teaching B.Tech & M.tech students & has so far guided 12 students in their M.Tech.Thesis in the last one year

5. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS:

- Fellow Indian Water Works Association
- Member American Concrete Institute Indian Chapter
- Member Indian Association of Soil & Water Conservation
- Member of Indian Society of Technical Education

6. OTHER TRAININGS

- Oct. 15- Nov 30, 1984 (45 days) Short term course of designing & execution of Waste Water Treatment Plants of Cities & Towns at IIT Mumbai funded by Govt. of India.
- January 7-13, 1997 (7 days) Annual Convention of Indian Water Works Association at Calcutta funded by State Government.
- April 7-13, 1998 (7 days) Annual Convention of Indian Water Works Association at Chandigarh funded by State Government.
- January 4 -11, 2005 (7days) Annual Convention of Indian Water Works Association at Hyderabad. Indian Water Works Association funded by State Government.
- August 8, 2008 (1 day) Interactive Workshop on Procurement Procedures Sh. Shivendra Kumar, Consultant Proc., World Bank, New Delhi funded by World Bank Aided PRWSS Project.
- **Member Indian Delegation-Represented India at SACOSAN-3 at New Delhi from 16-21 Nov.2008.**
- January 20-24, 2009 (5 days) Training on World Bank Procurement Procedures SPMC through M/s Crown Agents (India) Pvt. Ltd., New Delhi, Consultants World Bank Aided PRWSS Project.
- July 13-17, 2009 (5 days) training on **Monitoring and Evaluation for Results at Washington DC. USA, Funded by World Bank Aided PRWSS Project**
- **Member Indian Delegation- Represented India at SACOSAN-4 AT COLOMBO, SRI LANKA FROM 4-7 APRIL.2011**
- **Member Indian Delegation – to study Water Supply and Sanitation Practices in BRAZIL IN NOVEMBER 2010 (20 days).**

TECHNICAL PAPERS AND AWARDS:

- Written and presented Six technical papers in various conferences
- One of my paper, Titled 'Performance Evaluations of Common Effluent Treatment Plant' was awarded the Hindustan Dorr Oliver prize by Indian Water Works Associations in the year 1998.
- My presentation on Results Frame Work documents was adjudged First in the State level conference held on 23 & 24 May 2010 in MGSIPA, Chandigarh by Cabinet Secretariat Government of India.
- Presented paper on **Evaluation of 24x7 Water Supply of multi- village Water Supply Schemes (CASE STUDY)** in National Workshop on "SUSTAINABLE WATER SUPPLY & SANITATION SERVICES organised by World Bank from 15th to 17th December, 2011 at Chandigarh.
- **PRESENTED TWO PAPERS IN SOUTH ASIA REGIONAL CONFERENCE ON RURAL WATER SUPPLY AND SANITATION TOWARDS LONG TERM SUSTAINABILITY AT**

KATHMANDU NEPAL held on 10 to 12 OCTOBER 2012.

- Presented paper on **Evaluation of Running & Maintenance of Water Supply Schemes of A GROUP OF 21 Villages of Morinda Block on PP mode (CASE STUDY)** in National Workshop on “Public Private Partnership in Rural Water Supply & Sanitation Sector” organised by World Bank on 24th May, 2013 at Chandigarh.

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MS. MINAKSHI DAHIYA

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

EDUCATION

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

PROFESSIONAL EXPERIENCE

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

RESPONSIBILITIES AT WCTM.

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

- **RESEARCH SUMMARY**

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



MS. 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.



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.

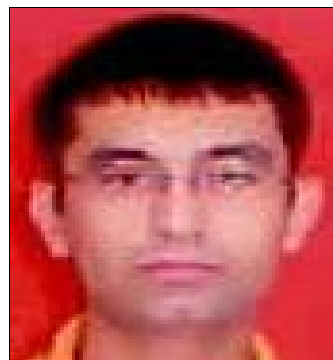
MR. VIJAY

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE

EDUCATION:

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

**PROFESSIONAL EXPERIENCE**

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

RESPONSIBILITIES AT WCTM

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

AWARDS, HONORS AND FELLOWSHIPS

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

RESEARCH SUMMARY

"Dissertation on Group theory"

MR. 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

MS. NISHA

ASSISTANT PROFESSOR

DEPARTMENT OF APPLIED SCIENCE



EDUCATION

- M.Sc. in Mathematics from Kurukshetra University, Kurukshetra.
- One year diploma in Computer Application.

PROFESSIONAL EXPERIENCE

- Since July 2014-Currently working as Assistant Professor in WCTM
- (2012-14)-Two year experience as Assistant Professor in C.B.S. Group of Institutions, Jhajjar
- (2011-2012)-One year experience in Govt .P .G College, Karnal.

AWARDS, HONORS & FELLOWSHIP

- Received meritorious award (1st Position) in graduation from PIG Govt college, Jind

RESPONSIBILITIES AT WCTM

- Teaching Engineering Mathematics, Numerical methods etc. to UG Engineering students.

PRESENTATIONS

- Presented paper on Population Dynamic, Resource consumption environment Interface in National Seminar.
- Attended the National Seminar on emerging trends in Science & Technology.

MR. MRIGANKA MOHAN CHANDA

PROFESSOR & DEPUTY DIRECTOR

DEPARTMENT OF MANAGEMENT STUDIES

EDUCATION

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

PROFESSIONAL EXPERIENCE:

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

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

RESPONSIBILITIES AT WCTM

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



- Admission related works.

AWARDS, HONORS AND FELLOWSHIPS:

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

PROFESSIONAL MEMBERSHIPS:

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

CERTIFICATIONS AND SHORT TERM COURSES:

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

PUBLICATIONS AND PRESENTATIONS:

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

RESEARCH SUMMARY

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

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

MS. 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



MS. 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.



BINAYAK PARASHAR

House No. 31B/21, DLF Phase 3, near St. Stephens Hospital,

Gurgaon- 122001, Haryana

Contact Number-(+91)-9654671328/9717955077

E-mail: binayakparashar89@gmail.com

Assistant Professor Professional with 4 years of experience in Academic system. Have knowledge and experience in academic Practices and procedures. A background in Computer Science, Achievement Orientation, ability to Communicate, and leadership skills are my key strengths.

Academic Profile:

- Master's in Engineering (**M.E**), Computer Science, from Adhiyamaan College of Engineering (Anna University), Hosur, Tamil Nadu, 2012-2014.(Scored 8.3 CGPA)
- Completed Bachelor's of Technology (**B.Tech**), Computer Science from Shillong Engineering and Management College, Meghalaya 2007-2011. (Scored 6.6 CGPA)
- Higher Secondary (**10+2**), Shrimanta Shankar Academy, Assam Higher Secondary Education Council, 2005-2007. (Scored 69 %)
- Matriculation (**10**), Disneyland High School, SEBA, Passed in 2005 (Scored 82%).

Conferences and Publications:

- Presented a Paper Titled "Red Tacton- Human Area Network" At International Conference On Mathematics, Statistics And Computer Engineering, Organised By IMRF Held At Kerala.
- Presented a Paper Titled "An Efficient Pricing Mechanism For Content Redistribution Of Video Streaming In Cloud Computing Using Game Theory" At National Conference On GCEB Confluence'13 Held At Bargur, Tamil Nadu.
- Presented a Paper Titled "An Efficient Pricing Mechanism For Content Redistribution Of Video Streaming In Cloud Computing Using Game Theory" At International Conference On 3rd International Science Congress (ISC-2013) Held At Coimbatore, Tamil Nadu.
- Presented a Paper Titled "An Efficient Pricing Mechanism For Content Redistribution Of Video Streaming In Cloud Computing Using Game Theory" At International Conference On ICSAGCEE'13 Held At Salem, Tamil Nadu.
- Presented a Paper Titled "Optimal Pricing for Mobile Video Streaming in Cloud Computing" At International Conference On 4th IEEE International Conference (ICICES-2014) Held At Poonamallee, Chennai, Tamil Nadu.
- Published a Paper Titled "Stackelburg Strategy For Pricing Mechanism Of Video Streaming In Content Redistribution Network" At The International Journal Of Engineering And Science (The IJES).
- Published a Paper Titled "An Efficient Pricing Mechanism For Mobile Video Streaming In Cloud Computing" At The International Journal Of Engineering Sciences And Research Technology (IJESRT).
- Attended One Day National Level Workshop on Web Services at Adhiyamaan College of Engineering, Hosur, Tamil Nadu, March'10, 2014.

- Attended Two Day National Level Workshop on Network Simulator On Wired And Wireless Networks-Qualnet at VIT University, Tamil Nadu, 21 and 22nd March, 2013.
 - Attended One Day National Level Workshop on Fundamentals Of Virtualization And Storage In Cloud at VIT University, Tamil Nadu, 24th February, 2014.
 - Participated in the ISTE(TN & P) section First Regional Conference for Faculty Member of Engineering & Polytechnic Colleges on “INNOVATIONS AND CHALLENGES IN TECHNICAL EDUCATION” held at Excel Group Institutions, Komarapalayam, Tamil Nadu.
-

Experience:

World College of Technology and Management, Gurgaon, Haryana, Assistant Professor, July 2015 to till date

Carrying out regular classes and working out with NBA works. The general duty was to lead weekly tutorial sections, grade all papers and exams, and provide academic tutoring and pastoral guidance to students.

Subjects handled:

- Computer Graphics.
- Computer Networks.
- Computer Architecture and Organization.

Excel Engineering College, Nammakkal District, Tamil Nadu, Assistant Professor, April 2014 to July 2015

Involved in handling different academic courses, seminars etc. The general duty was to lead weekly tutorial sections, grade all papers and exams, and provide academic tutoring and pastoral guidance to students. My broader goals, reflective of my pedagogy, were for the students not only to engage the topics of the module, but also to learn principles of research and writing, to think critically and overall to develop persuasive arguments and narrative.

Along with the above, here are some of the other activities I am handling

- Involved in various Admission Level Responsibilities such as Spot admission and Stall exhibition in North East.
- Involved in various Department Level Responsibilities such as AICTE, Website coordinator, Project coordinator, Placement coordinator and worked for NBA, NAAC & IQAC (INTERNAL QUALITY ASSURANCE CELL).

Shillong Engineering and Management College, Shillong, Meghalaya, Lecturer, August 2011 to August 2012

This is an intensive, upper-level undergraduate course composed of lectures and seminars. My role is to deliver lectures, design the Assignments .Guiding the students in the laboratory classes. The general duty was to lead weekly tutorial sections, grade all papers and exams, and provide academic tutoring and guidance to students.

Key Deliverables:

⇒ Heading the campus developmental education teams at various levels to ensure consistency of

instruction and services.

- ⇒ Assuming overall responsibility of a devoted educator covering professional development, Assessment of Students.
- ⇒ Managing classroom coverage of assigned subjects as per academic curriculum to students.
- ⇒ Keeping up to date with and respond to national developments in the subject area and teaching practice and methodology.
- ⇒ Undertaking an appropriate programme of teaching in accordance with the duties of a standard scale teacher.
- ⇒ Participating in the interview process for pre placement activities.
- ⇒ Collaborating with teacher fellow on lesson plans and performed administrative tasks viz. recording attendance, managing student portfolios and providing individual assistance to the students.
- ⇒ Significantly enhancing classroom learning environment and acting as a facilitator to promote student leadership in initiating and creating positive learning opportunities.

Admission Related Roles (during the academic year 2014-17):

- Attended 10 Educational fairs at North East and in Kota.
- Got the duty for monitoring three states for admission duties. (Meghalaya, Tripura and Manipur).
- Done admissions, almost 18 students during the academic year 2015-16.
- Made good connections in Assam and Agartala for engineering admissions.

Extramural Engagements :

- ⇒ Coordinator – NAAC Evaluation from October 2014 – March 2015 @ Excel Group Institutions, Salem, Tamil Nadu.
- ⇒ Admission In-Charge for North-East from 2014 – 2015 @ Excel Group Institutions, Salem, Tamil Nadu.
- ⇒ Admission In-Charge for North-East from 2016 – 2017 @ World College of Technology & Management, Gurgaon.
- ⇒ Coordinator Student Executive Programme from October 2011 – August 2012 @ Shillong Engineering & Management College, Meghalaya.
- ⇒ Project Coordinator – M.Tech Scholars from April 2014 to March 2015 @ Excel Group Institutions, Salem, Tamil Nadu.
- ⇒ Coordinator for Workshop on “Cyber Security” @ World College of Technology & Management, Gurgaon.
- ⇒ Coordinator for Fest @ Shillong Engineering & Management College, Meghalaya.

Project Undertaken:

Title: An efficient Pricing Mechanism for Content Redistribution of Video Streaming in Cloud

Abstract: Among the most popular consumer devices, the mobile phones and with the recent developments of 3G networks and smart phones enable users to watch video programs by subscribing data plans from service providers. Due to the ubiquity of mobile phones and phone-to-phone communication technologies, data-plan subscribers can redistribute the video content to nonsubscribers. We model the behaviour between the subscribers and the secondary buyers as a noncooperative game and find the optimal price and quantity for both groups of users. Based on the

behaviour of users in the redistribution network, we investigate the evolutionarily stable ratio of mobile users who decide to subscribe to the data plan. Such an analysis can help the service provider preserve his/her profit under the threat of the redistribution networks and can improve the quality of service for end users.

IDE : ECLIPSE 4.3.2

Language: JAVA

Subjects Handled:

- Computer Networks with Cisco Packet Tracer Software,
- Data Base Management Systems,
- Computer Graphics,
- Software Engineering,
- Computer Architecture and Organization.

Skills & Subject Knowledge:

- **Data Base Management Systems.**
- **Computer Networks.**

Awards and Honours:

- Ranked among the Top 37 %(65 Percentile) in the 7th National I.T. Aptitude Test.
 - Completed one month training at Hindustan Paper Corporation Limited (NAGAON PAPER MILL) (ERP Department &IT Department).
 - Rewarded Anundoram Baruah Award in HSLC Examination, 2005.
-

Date : 05-04-2017

(Binayak Parashar)



Ms. Deepali Ahuja

Assistant Professor

Department Of Computer Science and Technology

Education:

B. Tech: (CSE) with Honors from Kurukshetra University, Kurukshetra.

M. Tech. (CSE) with 9.82 CGPA from Amity University, Haryana.

Professional Experience:

Total Teaching Experience of 3 Years.

- Worked as **Assistant professor** in CSE Department of Maharishi Markendeshwar Group of Institutions, Karnal.
Duration: August, 2013 to December 2014
- Worked as **Assistant professor** in CSE Department of Krishna Engineering College, Ghaziabad.
Duration: August, 2015 to August, 2016.
- Presently working as **Assistant professor** in CSE Department of World College of Technology and Management, Gurgaon from August, 2016.

Responsibilities at WCTM:

- Teaching Graduate and Post-graduate level courses - Web development, Data Warehouse and Mining, Software Engineering. Distributed Operating System.
- Worked as seminar co-ordinator.
- Organized a workshop on “R Language” at WCTM.

- Working as Training and Placement co-ordinator for the CSE department.

Awards, Honors and Fellowships:

- Won many Prizes in Painting Competitions at National level
- Received trophie for 1st prize in Painting competition from Chief Minister of Haryana.
- Won many Prizes in Calligraphy and Dance Competitions.

Certifications and Short term Courses:

- 6 Months Training under Live Project in Wipro Limited, Gurgaon.
- IJP-Internal Job Posting Project in core java based on networking from InfoWorld Institute, Karnal.
- Business Communicator Project in java from SSI, Chandigarh.

Publications and Presentations:

Deepali "A Study of Applying and Interpreting Object Oriented Metrics" Global Journal for Current Engineering Research (GJCER) Publication, Vol: 2(2), 2013, pp. 137-140.

Dr. PRAKASH KUMAR PATHAK

ASSOCIATE PROFESSOR

(DEPT. OF COMPUTER SCIENCE & ENGINEERING)



EDUCATION

Ph.D : (Computer Science) Integrated Intrusion Detection and Diagnosis for Cloud Computing.
MCA : Guru Jambheshwar University of Science and Technology.
MBA : AMITY University

PROFESSIONAL EXPERIENCE (TOTAL 17 YEARS)

- 1) Working as Associate Professor of Computer Science Engineering in WORLD COLLEGE OF TECHNOLOGY AND MANAGEMENT, GURGAON, HARYANA, (College of M.D.U).
- 2) Worked as Lecturer in KUMAUN UNIVERSITY (Nainital) in Department of Information Technology.

RESEARCH PUBLICATIONS:

1) **Paper Title:-**“Managing Intrusion Detection and Diagnosis as A Service in Cloud Computing Network” in “International Journal of Trends in Computer Science (IJTICS)” Volume 3, Issue July 2014. **ISSN: 2348-5205.**

2) **Paper Title:-**“An Automatic Intrusion Detection and Diagnosis for Cloud Computing” in “International Journal of Trends in Computer Science (IJTICSE)” Volume 3, Issue July 2014. **ISSN: 2348-1978.**

3) **Paper Title:-**“Managing Intrusion Detection and Diagnosis as a Service in Cloud Computing.” In “International Journal of Advanced Technology in Engineering and Science (IJATES) Volume No.2, Issue Sep.2014. **ISSN: 2348-7550**

4) **Paper Title:-**“Intrusion Detection System in Cloud Computing” In Teerhanker Mahaveer University, Moradabad. Issue Nov.-2014. **ISBN: 978-93-5196-343-1.**

5) **Paper Title:-**“Integrated Intrusion Detection System in Cloud Computing Environment” Jawaharlal Nehru University (Delhi). In International Journal of Emerging Trends of Engineering, Science, Management and its Application. (ICETESMA-15) Volume No. 4. **ISSN: 2347-8616.**

6) **Paper Title:-** “Impact of Cloud Computing in Present Scenario “University of Delhi” In International Journal of Advance Technology in Engineering and Science(ICSTM)” Volume 3, Issue Sep-2015. **ISSN: 2348-7550.**

7) Paper Title:-“Data Mining Tools and Techniques in Medical Science” In International Journal of Innovative Research in Technology. (IJIRT)Volume 3 Issue 1 June 2016, **ISSN: 2349 – 6002**

8) Paper Title: - “A Review of Attacks Causing Packet Dropping Faults in MANETS” International Journal Of Research In Advance Technology Volume 2, June 2016. **ISSN: - 2487-1504**

CONFERENCE ATTENDED

(International Conference)

S.No	Conference Name	Presentation Title	Paper Published
1	Innovation Creativity and Ethics	Cloud Computing	Published
2	International Conference on Emerging Trends in Science and Cutting Edge Technology	Managing Intrusion Detection and Diagnosis As a Service In Cloud Computing	Published
3	System Modeling & Advancement in Research Trends	Integrated Intrusion Detection in Cloud computing Environment	Published
4	Emerging Trends of Engineering ,Science ,Management and its Application	Integrated Intrusion Detection system in Cloud Computing Environment	Published
5	Advance Technology in Engineering and Science(ICSTM)	Impact of Cloud Computing in Present Scenario.	Published
6	Cloud Computing –Driving New Initiatives for E-Governance & Education	Integrated Intrusion Detection & Diagnosis For Cloud Computing	Published
7	Cloud Computing –Driving New Initiatives for E-Governance & Education	Integrated Intrusion Detection & Diagnosis For Cloud Computing	Published

CERTIFICATIONS

S.No	Technology	Duration
1	Salesforce.com	6 Months

2	.Net Framework 4.0	6 Months
3	Advance Java	6 Months
4	Diploma from NIIT	2 Years

HIGHLIGHTS

- Teach wide range of subjects of Computer science Engineering and Information Technology.
- Latest CRM knowledge, Salesforce.com

Specialized:

(Validation rule, Workflow rule, Standard and Custom Objects, Data Management Security)

ACHIEVEMENT AND AWARDS

- 1) Got Award for best Employee (In 2012) from university.
- 2) Got Award for best Employee (In 2014) from university.

Ms. Minakshi Memoria

Assistant Professor

Department Of Computer Science and Technology



Education:

Pur. Ph.D : (Computer Engg.) Fault Tolerance in Grid Computing

M. Tech. : (CSE) with distinction from MDU University, Rohtak, Haryana .

B. Tech : (CSE) with Honors from MDU University, Rohtak, Haryana.

Professional Experience:

Total Work Experience: 14 Years (12 years Teaching , 2 years industry)

Working as an Assistant Professor , CSE Deptt, World College of Technology & Management, Gurgaon
Worked as an Associate Professor , CSE Deptt., Dronacharya college of engg. , Gurgaon
Worked as an Asstt. Professor , World College of Technology & Management , Gurgaon
Worked as Lecturer , CSE Deptt. , Apeejay College of Engineering, Sohna , Gurgaon
Worked as Lecturer NC College of Engineering, Israna Sonipat
Worked as Lecturer BM College of Engineering , Sonipat
Worked as Programmar in Dot Net from Electrolux Ltd. Gurgaon
Worked as Programmar in Sukura India Ltd. Gurgaon

List of Publications

International Journal

- "A brief to Spatial Databases" in International Journal of Computational Intelligence Research, ISSN 0973-1873 Vol.6 No.4 (2010), pp 589-596.
- "Lexical categories and GB theory based grammar for morphology", paper is accepted in the international journal published by American Institute of Physics, New York, USA (online).
- "GB Theory Based Grammar" in International Journal of Computing, ISSN (Online) : 2230-9039, ISSN (Print) : 2231-2153 Vol. 1, Issue 3.
- "Multi-Agent Systems for Adaptive and Efficient Job Scheduling Service in Grids" in Journal IJFCA.
- "New Challenges Hippocratic Database-Limited Disclosure" in Journal IJFCA.
- "On fault tolerance of resources in grid environment" in International Journal of Advanced research in Computer engineering and technology ISSN:2278-1323 Vol. 2, No.1, 2013.
- "Hippocratic Database persisting privacy in e-banking" in IJAR CET ISSN:2278-1323 Vol. 2, No.3, 2013.
- "Achieving fault tolerance and recovery in computational grid" in Dronacharya Research journal.
- "UML Modeling: The Rational E-Development" in IJECSE May, 2013.
- "A Morphological Analyzer for Hindi" in IJGIP Vol. 3 Issue 2 May, 2013.
- "Fault Tolerance in Grid Computing with Improved Resource Utilization and Maximum Efficiency" in IJESC Vol 6 Issue No. 3 Mar, 2016 with Impact factor 5.611
- "Fault Tolerant system with maximum efficiency" in Thomson Reuters International journal of computer science and information security Vol. 14 No. 7 Aug, 2016
- Comparative study of Fault Tolerance techniques in Thomson Reuters International Journal of Innovations in Engineering and Technology Vol. 7 Issue 4- December 2016 page 163-168.

Paper published in International Conferences:

- “New Challenges in Hippocratic Database” in International Conference held in AEC, Maharashtra.
- “Hippocratic database for e-banking” in International conference ETCSIT-13 on 18th April, 2013.

Paper published in National Conferences:

- "Hippocratic Database-Persisting privacy in e-banking" in National Conference Jaypee Institute of Technology, Guna.
- “Core of Semantic Grid-Metadata” 2nd National Conference "ETCSIT 09.
- “Sources and Approaches to Metadata Management on Semantic Grid” in national conference held at Rajarajeshvari Engg. College, Chennai. on Feb. 2009.
- “Hindi Morphology” 3rd National Conference held at Alfalah school of engg. And technology, Faridabad on Apr, 2010.
- “Lexical Analysis” 1st National Conference NCETCT’11 at World College of Technology and Management, Gurgaon on 17th September, 2011.
- “Fault tolerance strategy within Computational Grid Environment” National Conference on Emerging Trends in Science, Technology and Management Vision-2020 on 18-19 January, 2013.
- “AJAX- Implementation to Application” National Conference NCACT-13 organised by CSE Deptt. MD University, Rohtak.

Conference Attended:

- Attended the National Conference on Information Technology-2006 conducted during Nov-2006 at NC College, Israna, Panipat (Haryana).
- Attended National Conference on ETCSIT conducted in Alfalah School of Engineering

and Technology, Faridabad.

- Attended Inter National Conference on ETCSIT conducted in Alfalah School of Engineering and Technology, Faridabad on 18th April, 2013.

Workshop/FDP Attended:

- 2 Days FDP Network Bulls, Old DLF, Gurgaon.
- 3 Days “IBM DB2” FDP from Dronacharya college of engineering, Gurgaon.
- “WBDA- Big Data analytics” workshop in Feb, 2013 from Amity University, Noida.
- One day FDP from Network Bulls in Dronacharya college of engineering, Gurgaon.
- FDP on “Data Analysis using SPSS” from Gurukul Kangri Vishwavidyalaya, Haridwar.
- 4 days FDP on IBM Rational from Dronacharya college of engineering, Gurgaon.
- Two week training programme on "Information Security on VTE" during 17thDecember 2013 – 27thDecember 2013 at DeitY, New Delhi

Responsibilities Undertaken in the institutes:

- Evaluation of Examination for B. Tech Students in MD University
- Organized National Conference as a Convenor in World College of Technology & Management, Gurgaon.
- Organized National Conference in Apeejay College of Engg.
- As a Project Guide of B.Tech students.
- As Internal Examiner for practical Exams.
- Worked as Examiner in Apeejay College.
- Have been the member of Anti-Ragging Squad.
- Member of Examination team in institute.
- Member of Time-Table committee.
- Organize student seminars and maintaining Department Library.
- Organize the stock verification of Department Library.
- Organize the cultural activities in Annual Fest of College.
- Organize and Attend Final year Students Annual trip for Goa.

Ms. Parmeshwari Pandit

Assistant Professor

Computer Department



Education:

- Diploma in computer engineering, Maharashtra State Board of Technical Education, 2008
- B.TECH, North Maharashtra University, 2011
- M.E, Pune University, 2015

Professional Experience:

- Aug' 2016 – till date : Working as Assistant professor in WCTM
- Aug'2015- Dec'2015: Working as Assistant Professor in Bharati vidhyapeeth, Delhi on visiting basis.
- Dec'2011-May 2015: Working as Technical Assistant in Cummins College of Engineering, Pune.

Responsibilities in WCTM:

- Teaching under-graduate and Post-graduate: Data structure, Advance Java, Database, E-commerce, Network Programming.
- Class In-charge.
- Coordinator for website updation.
- Project Coordinator for final year students.
- Minor Project Coordinator for BCA final year students.

Professional Membership and Awards

- Member of ACM-W
- Awarded with “All India Talent Scholarship” from Mahindra Company.

Seminar/Workshop Attended:

- Attended workshop on “**Ubiquitous Computing and Business Intelligence** “ at Sinhgad College of engineering, Pune, August 2013
- Attended CPGCON conference arranged by PICT, Pune, Feb 2013
- Attended a workshop on “**Latex**” at Sinhgad College of engineering.
- Attended one day workshop on”**Hadoop**” at Sinhgad College of engineering.
- Attended 5 days Faculty Development Program on “**CUDA/OPENMPI**” at SIT, Pune

Publications:

- Published a paper on “**Survey of MapReduce Optimization Methods**” in International Journal on Advanced Computer Theory and Engineering (IJACTE) Volume -3, Issue -1, 2014
- Presented a paper on” **Performance Optimization for Short Job in Hadoop**” at c-PGCON 2014 Second Post Graduate and Research Scholar Symposium organized by PICT, Pune , March 2014, organized by MCOER, Nashik.
- Published a paper on “**Performance Optimization for Short Job in Hadoop**” in International Journal of Research Studies in Computer Science and Engineering (IJRSCSE), Volume 2, Issue 2, 2015



Ms. SONIA BATRA
Assistant Professor
Department of Computer Science Engineering

EDUCATION

- MCA from Tilak Raj Chadha Institute of Management & Technology, affiliated to Kurukshetra University, Kurukshetra.
- BSc(Computer Applications) from MLN College, affiliated to Kurukshetra University, Kurukshetra.

WORK EXPERIENCE:

- Working as an Assistant Professor with World College of Technology & Management, Gurgaon.
- Worked as a Visiting Faculty with Institute of Information Technology & Management, Janakpuri from August 2015-February 2016.
- Worked as an **Assistant Professor** in Institute of Information Technology & Management, Janakpuri New Delhi from July 2010- May 2014.
- Worked as a Lecturer in MCA department in Tilak Raj Chadha Institute of Technology and Management, Yamuna Nagar, Haryana from August 2007- December 2009.

AREA OF INTEREST:

- Computer Languages (C, C++),
 - Database Fundamentals, Data structures and Algorithms, Software Engineering,
- MIS, Computer Graphics, Operating Systems.

RESPONSIBILITIES AT WCTM

- Currently teaching post graduate and under graduate students of MCA/BCA the subjects like Data Structures, Artificial Intelligence, Computer Graphics, Operating

System etc.

- Responsibility of Website maintenance for CSE branch..
- Guided B.tech final year students for their industrial training and M.tech students for their thesis work.

TRAINING:

- Six months Industrial Training from Hanu Software Limited, Gurgaon as a part of the training project of MCA program.

SEMINARS, CONFERENCES AND FDP'S ATTENDED:

- Attended National Level Conference on “Demographic Dividend of India – Myth or Reality” organized by IITM, Janakpuri.
- Attended National Level Conference on “Dynamics and Development Changes in Business Practices” organized by IITM, Janakpuri.
- Attended National Level Seminar on “Emerging Trends in Soft Computing” organized by IITM, Janakpuri.
- Attended a workshop on Faculty Development Programme organized at IITM, Janakpuri.

PUBLICATIONS IN NATIONAL SEMINAR:

- "Cyber Threats and Security in Banking Sector" published in the proceedings of National Conference on Emerging Trends in Information Technology: Cyber Security issues and Challenges in IITM Journal of Management and IT.
- "Technological Advancement in Indian Economy Post Liberalization: A study of Banking sector" published in the proceedings of National seminar on Issues and Challenges in the growth of Indian economy in IITM Journal of Management and IT.
- “Data privacy issues in E Commerce” published in the proceedings of the National Conference on “Emerging Trends in Information Technology” organized by IITM, Janakpuri.
- “SAP Mobile Engine”. Published in the proceedings of the National Level Conference on “Convergence of Management and IT” organized by TIMT, Yamuna Nagar-Haryana.
- Presented Seminars entitled “Electronic Road Pricing System”, “MANET’s”, “Steganography”, “Animations”, “Loseless Data Compression” as a part of curriculum of MCA.

Curriculum Vitae



1. Personal Information

Name: Mr. Subhash Chandra,
Tel: +91-8059723960 (M)
Email: sub_tom@rediffmail.com,
subhash.tom@gmail.com

Present Post

Assistant professor in Department of Computer Science & Engineering at World College of Technology and Management Gurgaon (Haryana)

Qualifications

PhD pursuing (Dr. K.N.Modi University Newai Raj.)

M.Tech (Computer Science & Engg) from MDU University Rohtak in 2010.

B. Tech.(Computer Science & Engineering) From Rajasthan Vidyapeeth University in 2008

Diploma (Computer Engineering) from BTE Delhi in 2002.

Professional Membership

- **AAAI** (Association for the Advancement of Artificial Intelligence)

2. Work Experience (5 year)

- **15 June 2014 -1 Jan2017**

Assistant professor in Department of Computer Science & Engineering at Jaipur National University Jaipur Rajasthan ([NAAC Accreditation University](#)).

- **15 July 2011 – 1 June 2014**

Assistant professor & HOD in Department of Computer Science & Engineering And Information Technology at Dr.K.N Modi University Rajasthan and coordinator of M.Tech program (CSE & IT),Chief superintendent of examination(University Exam theory and practical)

- **Jan 2011 – June 2011**

ITM Aligarh (UP)

- **September 2008— Jan 2011**

Lecturer, Information & Technology, Lingaya's University, Haryana.

3. Teaching & Training

Subject	Branch	Result
System network administrator	B.Tech, IT & CSE (3 rd Year)	98%
Computer Hardware	B.Tech, IT & CSE(2 nd Year)	100%
OOP'S	B.Tech, IT & CSE(2 nd Year)	100%
Computer Concept and programming	B.Tech, (1 st Year)	84%
E-commerce	MBA (2 nd Year)	100%
CCP	B.Tech (2 nd semester)	95%
ANN & fuzzy logic	M.Tech (2 nd semester)	100%
CN	M.Tech (2 nd semester)	
100%		
E-commerce	MBA (2 nd Year)	100%
DAA	B.Tech and MCA	95%

4. Publications

Conference Paper

1. Subhash Chandra, "AAIS" (Automation of Agriculture Irrigation System), National Conference on "Advance in knowledge management" (NCAKM'10) 2010 Lingaya's university Faridabad Haryana.

2.Subhash Chandra,"APPLICATION OF GRAPH THEORY IN COMPUTER SCIENCES RELATED TO IN MOBILE AD HOC NETWORKS"15th Annual Conference of Society of Statistics, Computer and Applications to be held during 24 – 26 February 2013 at Apaji Institute of Mathematics and Applied Computer Technology, BanasthaliVidyapith, Banasthali, Rajasthan.

3. Subhash Chandra "Securing Database in Cloud Environment"
NATIONAL CONFERENCE ON "NEW ADVANCES IN DATABASES, DATA MINING AND KNOWLEDGE DISCOVERY" (D2MKD-2013) MBM Engineering collage, JAI NARAIN VYAS UNIVERSITY, Jodhpur.

4.Subhash Chandra,"AIS"(Agriculture Irrigation System for Rice crop using ANN), International conference on science ,technology & innovation in 21st century " 2nd Rajasthan Science Congress in association with DKNMU-Alliance of Globel Education-2014" ,May 1st to 3rd, 2014 Dr K N Modi University, Newai, Rajasthan.

5. International journal of engineering technology, management and applied sciences

5. Visiting Professorship

- **Seminars**

1st semester: for M.Tech. Scholars

Fiber optics cable implementation

2nd semester: for M. Tech. Scholars

DSCP (dynamic host configuration protocol)

3rd semester: for M.Tech. Scholars

VLAN (virtual local area network)

- **Conference Attendances**

1. Jun 14th to 15th 2009, Faridabad, India

National Conference at Lingaya,s University.

2. March 8th to 9th 2010 National Conference at Lingaya,s University

6. Research Project Experience:

LAN:

Brief Overview of Project

This project is second year project in diploma. Using this project create Lab with LAN & Win NT server using CCP planning

On Line Banking.

Abstract of Project

This project is final year project in Diploma. This is created in 'SQL' as a backend & in 'asp. Dot Net' as front-end. There are four members in this group and my duty is to create database for this.

Simulation of protocols:

Abstract of Project:

This project is final semester project in B.Tech. This is created in 'C++'.

Automation of Agriculture Irrigation System :

This project use for rural development project or final thesis in M.Tech (computer science of engineering)

7. Supervision or Committee

Project Guided at Lingaya's University (2008-2010)						
Sl. No.	Name of Project	Name of Student	H/W Based	Addresses industry needs	Addresses Rural needs	R&D type
1	Eye detection message reading for paralytic patients	Akshima Gupta (5CS-04) Ankita aggarwal(5CS-12)	y	Y	y	y
2	Home automation	Neha Gupta – 4CS057 Priyanka Gupta-4CS070 Richa Bedi-4CS080 Vikram Khurana-4CS115	y	y	y	y
3	Online Banking	Maninder Kaur Dhillon (K2CS040) Moninder Kaur Sodhi (K2CS048)	N	Y	y	Y
4	Library Management System	Mohit Kr. Sharma (K2CS046) Vikas Gautam (K1CS087)	N	Y	N	N
5	Peer to Peer Communication System	Anjali Chhabra (k2CS009) Arunish Mendiratta(K2CS013)	N	Y	N	N

8. Administration

In Capacity of Assistant System Manager of IT Services Department at Lingaya's University along with a team of 24 members. I was responsible for all computer labs along with networking and documentation.

- Preparation for ***Deemed University Inspection.***
- Preparation for ***AICTE and MDU.***
- Coordinating among staffs, faculty & students.
- Project coordinator for B.Tech Students in Department of Computer Science & Engineering
- Coordination of Institutions advertisement through stalls at Education fairs and intercollegiate fest.
- Departmental Documentation for ***National Board of Accreditation*** Inspection.
- Departmental Documentation for ***AICTE and MDU.***
- Cultural and technical Fest (Discipline In charge)
- Course coordinator for Computer Programming.
- In charge and M.Tech (IT) coordinator in Dr.KN Modi university newai

9. Hardware Skills:

- Assembling & Troubleshooting of PC.
- Installation of System Software & Application Software.
- Network Design, CCP & Troubleshooting.
- Installation of Server based Software (Matlab, Catia, Pro-E, SPSS, Oracle, Linux, SQL 200, IIS, .NET, Microsoft Servers, Antivirus)

Software skills:

Operating System	MS-DOS, Windows98, Win ME, Win2000, WIN2003 Server, Win XP, WinNT, Unix, Linux
Packages	MS-Office, Adobe PageMaker, adobe Photoshop, Corel Draw
Languages	Pascal, C, C++,
DBMS	Oracle 8i, SQL, MS-Access,
Markup language	HTML, Java Script, VB Script.

10. Examiner-ship, Evaluator-ship, Paper setting, etc.

- *Have worked very extensively as examiner/evaluator for various courses offered by*
Indira Gandhi National Open University (IGNO), New Delhi
MD University, Rohtak

11. Area of Interest

- Interface projects & engineering projects
- Operating System
- Computer Architecture
- Programming Language
- Computer Networks and Data Communications.

12. Strength

- capable to work independently using initiatives and also as a part of a team
- Having tight deadlines.
- Never hesitate to accept challenges.
- Strong in analytical power.
- Creative, self-confident.
- Good organizer of social and cultural activities.

Personal Information

Name : Subhash chandra
Father's Name : Nohbat Singh .
Mother' s name : Urimla Singh

Special Claims

I believe in the fact that no one is born as a master. Everyone develops himself by learning from the surroundings. But I am a quick learner and I do have guts to turn on the key towards success by working hard.

Declaration

I do hereby declare that all the above information is correct to the best of my knowledge and information.

(Subhash Chandra)

Faculty profile



NAME(INCAPITAL): ABHAY KR. SHAH

DESIGNATION: ASSISTANT PROFESSOR

DEPARTMENT: ELECTRICAL ENGINEERING

EDUCATION:

- B.Tech (Electrical & Electronics Engg), GBTU;
- M.Tech (Power System), AFSET MDU Rohtak ;

PROFESSIONAL EXPERIENCE:

- | | | |
|--------------------|-------------------------|---------------------|
| ♦ WCTM, Gurgaon | 14 MAR 2016– till date | Assistant professor |
| ♦ GNIOT, Gr. Noida | 04 FEB 2011-13 MAR 2016 | Assistant professor |
| ♦ AIMT , Gr. Noida | 04AUG 2010-03 FEB2011 | Lecturer |

RESPONSIBILITIES:

- ♦ Class Incharge
- ♦ Organizer of workshop for EEE Deptt.
- ♦ To teach the B.Tech (EE) students and lab Incharge of Basic Electrical lab , NT lab. EMEC lab and Electric Drives lab.
- ♦ Using computer added teaching learning process.
- ♦ To prepare student for different extracurricular activities such as training, workshop etc.

- ♦ **Co-ordinator(B.Tech IIndyr, IIIrd yr. and IVth yr.) of EE Department.**
- ♦ **Project-Guide** of IVth year Students.
- ♦ **Scholarship Co-OrdinatorOf EE Department.**
- ♦ **Guest faculty in IGNOU for B.Tech Student.**
- ♦ **To Conduct Electrical Engineering experiments in the laboratory and help the students to learn the technical aspects of practicals.**

BIOGRAPHY:

Abhay Kr. Shah, Assistant professor teaches Element of Power Systems, Special Electrical Machines, Electric Drives , Basic Electric Engineering, Electro Mechanical Energy Conversion, Transmission & Distribution, to undergraduate students. Research interested area are **Dynamic Voltage Restorer (DVR)** against Balanced and Unbalanced **Voltage Sag/Swells: Modeling and Simulation**. Presented papers in International Journals in the field of Electrical and has attended many workshops on research & development in science and technology.

PUBLICATIONS :

1. Volume No 03, Issue No 06, June 2014 Dynamic Voltage Restorer (DVR) against Balanced and Unbalanced Voltage Sag/Swells: Modeling and Simulation. In International Journal of Advance Research in Science & Engineering.(ISSN 2319-8354).

2. Volume No 04, Issue No. 07, July 2015 DESIGN & SIMULATION OF DVR USING SRFT. In International Journal of Advance Research in Science & Engineering.(ISSN 2319-8354).

3. Volume No.07, Issue 02, July-December 2015 OPC: OLE FOR PROCESS CONTROL. In International Journal of Electrical and Electronic Engineers (IJEED) (ISSN 2321-2055).

4. Volumae NO. 08, Issue 01 , Jan –June 2016 A Review Paper On Mitigation of Voltage Sag/Swell using DynamicVoltage Restorer. In

International Journal of Electrical and Electronic Engineers (IJEED)
(ISSN 2321-2055).

WORKSHOP ATTENDED :

1.A Workshop on “Recent Advancement in Electrical Electronics & Instrumentation Engineering” Conducted by IEEE in Galgotia College of Engineering & Technology Greater Noida U.P.

2.Workshop on Industrial Automation which is covering PLC(ALLEN-BRADELY), SCADA software (In-Touch), Seminar on Industrial Automation in Greater Noida Institute of Technology Greater Noida U.P.

RESEARC SUMMARY :

Abhay kr. Shah concerned to solve the problem of voltage sags and swells and its severe impact on non linear loads or sensitive loads. Severe impacts on Sensitive load itself due to voltage sags and swell. The Dynamic Voltage Restorer (DVR) is fast, flexible and efficient solution to mitigate voltage sag/swell by injecting Voltage as well as power into the system. Dynamic Voltage Restorer (DVR) is a power costumed device used in power distribution network using for voltage enhancement after occurring disturbance in the power system. The DVR can restore the load voltage within few milliseconds. Dynamic Voltage Restorer (DVR) with sinusoidal pulse width (SPWM) based controller by using the Mat lab /Simulink verify the performance of the proposed method.

TIME AT WCTM

Since March 2016

Mr ABHISHEK SAINI

Assistant Professor

Department of Electronics and Communication



EDUCATION

- ❖ PhD Pursuing from Punjab Technical University (Punjab)
- ❖ M.Tech (ELECTRONICS & COMMUNICATION) from BBSBEC, Punjab Technical University (Punjab) with First Division.
- ❖ B.Tech (ELECTRONICS & COMMUNICATION) from SDDIET, Kurukshetra University (Haryana) With First Division.

PROFESSIONAL EXPERIENCE

- ❖ Sant Baba Bhag Singh University, Jalandhar, Punjab
(February 2016 – November 2016)
- ❖ Rayat Bahra Institute of Engineering & Biotechnology, Kharar, Punjab
(August 2008 - November 2014)
- ❖ IEET-Institute of Engineering & Emerging Technologies, Baddi, Himachal Pradesh
(August 2007 – June 2008)

RESPONSIBILITIES AT WCTM

- ❖ Teaching Engineering subjects –VLSI Design, Embedded Systems, Electromagnetics field theory

AREA OF EXPERTISE

- ❖ Electromagnetics and Antennas, Power Electronics

CONFERENCES,SUMMER/WINTERSCHOOLS,WORKSHOPS ATTENDED

- ❖ AICTE sponsored Winter School Short Term Course on “Advances In Image Processing”
- ❖ MHRD Sponsored workshop on “MELT- Mobile e-learning Terminal”, a project of IIT, Roorkee conducted through video conferencing.
- ❖ PTU sponsored Faculty Development Program on the topic of “Emerging Trends in Various Fields of Electronics & Communication Engineering”.
- ❖ PTU sponsored Faculty Development Program on the topic of “MATLAB & Its Application and Implementation of Wireless Networks on FPGA/CPLD”.
- ❖ AICTE sponsored National Seminar on “Optical Communication – Trends and Applications”.
- ❖ Given Expert lecture on “Normal Incidence of Electromagnetic Waves in Perfect Dielectric” at RBIEBT, Mohali.

AWARDS, HONORS AND FELLOWSHIPS

- ❖ Qualified UGC National Eligibility Test (NET-2015).

- ❖ Qualified Graduate Aptitude Test for Engineers (GATE-2011).

PUBLICATIONS

- ❖ “Comparative Analysis of Bit Error Rate and Outage Capacity in MIMO Space Time Trellis Coding”, in International Journal on Recent and Innovation Trends in Computing and Communication, Vol.2, Issue 11 ISSN: 2321-8169.

RESEARCH SUMMARY

- ❖ In this thesis report MIMO Space Time Trellis Coding (STTC) Scheme is devised to reduce BER below 10^{-3} . Trellis Coding is used which uses Viterbi algorithm and Rank criterion to reduce BER (Bit error rate) using different modulations like QAM-16, QAM-32, QAM-64 and PSK.



Mr AJAY KUMAR
Assistant Professor
Department of Electronics and Communication

EDUCATION

- AMIETE (B.TECH), 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 (January, 2012 onwards)

RESPONSIBILITIES AT WCTM

- Teaching Engineering subjects like Digital System Design, Signal & System, Data and Communication Engg., Digital and Analog Communication, Communication Engg , Radar and Sonar Engg.
- Timetable and Discipline management.
- University and Sessional exam center representative.

AREA OF EXPERTISE

- Data Communication, Satellite Communication, Digital System Design.
- Signal & Systems, Analog and Digital circuit design.
- Opto Electronic, Fiber optics communication and sensor design.
- Control system, Electromagnetic Theory, Communication system

PUBLICATIONS/WORKSHOP

- Himanshu Saxena, Ajay Kumar, Sachin Kumar, “Voice and Data communication over Wi-Fi using Mobile Ad-Hoc Network (Voice Over Wi-Fi)”, IJIRCCE, Volume 5, Issue 2, February 2017 ISSN (Print): 2320-9798
- Sachin Kumar, Ajay Kumar , Pooja Nain, “Analysis and Simulation of E-Shape Microstrip Patch Antenna for Wideband Applications”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 4 Issue VII, July 2016, ISSN: 2321-9653
- Divya Gupta, Ajay Kumar “Evolution Algorithm for Enhancing Energy for Sensor Networks”, International Journal for technologies Research in Engineering, Volume 3, Issue 10, June 2016
- Ajay Kumar, Geeta Gupta, Arun Kumar Mallik and Anuj Bhatnagar, “Single Mode Fiber-Optic Temperature Sensor using Wet Etching” IEEE International Conference on Fiber Optics and Photonics, 978-1-55752-959-0/13/\$31.00 ©2013 Optical

Society of America.

- 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, Dr. Pramod Kumar, Sachin Kumar. “Optimize Etching Based Single Mode Fiber Optic Temperature Sensor”, International Journal of Engineering Research and Applications, ISSN : 2248-9622, Vol. 4, Issue 2(Version 1), February 2014.
- Geeta Gupta, Ajay Kumar, Arun Mallik and Anuj Bhatnagar “Single Mode Etched Fiber Coupler for Temperature Sensing”, Frontiers in Optics and Photonics (FOP11), XXXVI OSI Symposium, Dec 5, 2011 POSTER SESSION (3P).
- Workshop on “Renewable Energy Sources in Green Building Technology” in Feb, 2013 at WCTM, Gurgaon
- Workshop on “Advance and innovation in Electronics & Communication Devices, System, and Application” in April, 2013 at WCTM, Gurgaon.
- Workshop on “Global Research and Development in Electronics Design & Applications” in Nov, 2014 at WCTM, Gurgaon.
- Workshop on “Industrial Automation – PLC & SCADA”, Shaastra’15, IIT Madras association with Innovians Technology, in Feb 2015 at WCTM, Gurgaon.
- Workshop on “ VLSI FPGA & CPLD Design & Application”, in October, 2015 at Dkop Labs Pvt. Ltd., Noida

AWARDS, HONORS AND MEMBERSHIPS

- “RAJA RAM SINGH CHAUHAN” Memorial Award for getting highest mark in DEC 2008 in my AMIETE (Grad-IETE) degree by IETE.
- Associate Member of IETE, New Delhi.
- GATE 2009 Qualified.

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 Labview. He has also very good knowledge on VHDL for digital system design. He teaches engineering subjects like Digital system Design using VHDL, Radar & Sonar, Signal & Systems, Optical Communication and Satellite communication etc. to undergraduate with emphasis on organizations use accounting information to create value in a dynamic engineering environment. His main research interest focuses on the use Telecommunication, Sensor Designing, Electronics system design and Optical devices. Research articles by him have appeared for the technical review, Photonics journal IEEE.

Mr. ANIL KUMAR

Assistant Professor

Department of Electrical Engineering



EDUCATION

- ❖ M.Tech (POWER SYSTEM) from LIET, ALWAR, Rajasthan Technical University (Kota)
- ❖ B.Tech (ELECTRICAL ENGINEERING) from JIET, JIND, Kurukshetra University (Haryana).

PROFESSIONAL EXPERIENCE

- ❖ Presently working as Assistant Professor at WCTM, Gurgaon, (Since August 2016).
- ❖ Worked as Assistant Professor at Career Point University, Kota, Rajasthan (July 2015 – June 2016)
- ❖ Worked as Assistant Professor at Mata Raj Kaur Institute of Engineering & Technology, Rewari, Haryana. (July 2013 - June 2015)
- ❖ Worked as Assistant Professor at Laxmi Devi Institute of Engineering & Technology, Alwar, Rajasthan. (January 2011 – June 2013)
- ❖ Worked as Course Coordinator at Bhiwani Institute of Technology & Science, Bhiwani, Haryana. (January 2007 – August 2010)
- ❖ Worked as Site Engineer at Siemens India Limited at Bhopal site. (August 2006 – January 2007).

RESPONSIBILITIES AT WCTM

- ❖ Teaching under Graduate Course in Electrical Engineering subjects – Power System, Automatic Controls, Power Electronics, Power System Operation & Control.

AREA OF EXPERTISE

- ❖ Power System

PUBLICATIONS & PRESENTATIONS

- ❖ Paper presented at National Conference on Power and Energy Management (PEMCON-2012) organized by Department of Electrical Engineering, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab.
- ❖ Paper published at International Conference on Electronic Communication & Instrumentation (EMANTHAN-2012) organized by S R Group of Institutions, Jhansi.
- ❖ Digambar Singh, Anil Kumar and Dwarka Prasad, “Photovoltaic Power Supply Systems of Rural Areas in Hotel and India” published in journal of Engineering, Science & management Technology (JESMT-2012) ISSN: 2231-1521, Vol. 2, No. 2, July-Dec. 2012.

CONFERENCES & WORKSHOPS ATTENDED

- ❖ Attended the six day workshop on Integrated Renewable Energy in Deregulated Power Sector (IRESDPS-2016) organised by Department of Electrical, National Institute of Technology, Hamirpur (HP).
- ❖ Attended the two day workshop on Advances in Microwave Integrated Circuit (AMIC-2012) organised by Department of Electronics and Communication, Hindustan Institute of Technology & Management, Agra.
- ❖ Two week ISTE workshop on Signal & Systems conducted by IIT, Kharagpur at MRKIET, Rewari, Haryana.
- ❖ Two day national workshop on Advances in Microwave Integrated Circuit (AMIC-2012).
- ❖ Attended the one day workshop on PCB Design, organized by ECE Deptt. , TIT&S Bhiwani on 26th March, 2009

RESEARCH SUMMARY

Have been project guide of final year students for the last six years and have been conducting/ guiding students in seminars etc.

Faculty Profile

Mrs. Sakshi Pahuja

Assistant Professor

Sakshi_midda@yahoo.com



Educational Qualifications:

- Pursuing Ph.D in Image Processing from Banasthali Vidyapeeth .
- M.S in Software Systems from BITS, Pilani
- B.E in ECE from Shivaji University , Kolhapur

Experience:

Presently working as an Assistant professor in ECE in World College of Technology and Management, Gurgaon from 20 Mar 17 onwards with 13 years of total teaching experience.

Publication/Presentation:

- Paper on **“A Comparative Analysis of novel approach based on wavelet transform used for compression of various bands of SAR imagery”** published in Advanced Science Letters, Scopus Indexed
- Paper on **“A Novel approach using curvelet transform for despeckling SAR data”** published in Information Sciences and Computing.
- Paper on **“Comparison of Wavelet and Curvelet Transform based on PSNR for SAR imagery”** presented during conference at IETE, New Delhi.
- Presented paper on **“Image Compression Using Various Wavelet Techniques”** in National Conference on **Technological Developments in Electrical Engineering “Macro to Nano World”** by DCE, GGN from 13-14 Mar 15.
- Presented paper on **“Standard Techniques of Microelectronic Systems”** at Shaastrath-2014 on 23-24 Mar 14.
- Presented Paper on **“Analysis of RGB and YCbCr Color Spaces Using Wavelet Transform”** at IACC(published in IEEE Xplore) at ITM University, GGN on 21-22 Feb 14.
- Paper on **“Wavelet Based Compression of Natural images”** presented in “ICACITE” conference at TITS-Bhiwani 22-23 Nov 13.
- Paper on **“Wavelet based color Image compression using color space conversion”** presented in International conference by AIRCC in May 13.
- Paper on **“Image compression using wavelets”** presented in International conference approved by AICTE at Manav Institute of Technology , Hisar in Mar 13.

Conference/Seminar /Workshops:

- **2nd Smart Cities Expo** at Pragati Maidan on 11 – 13 May 2016.
- **21st Technology Summit & Expo ‘Smart Technologies for Sustainable Growth’** organized by CII in association with **DST, Govt. Of India** and **Ministry of Science, ICT and Future Planning** on **17-18 December 2015** at Hotel Lalit, New Delhi.
- **“5th National Summit on Institutionalizing Academia-Industry Interface”** on 9 Dec 15 at PHD Chamber, New Delhi.
- Attended “Faculty Development Program on Cloud Computing” on 7 Aug at Huawei, GGN.
- Attended Seminar on “Engineering Education and Research” Seminar by National Instruments on 30 Jul 15 at Park Inn , GGN
- Attended workshop on “Two Day TEQIP II/CEP on Power System Optimization: A Journey from Conventional to Meta-heuristic Techniques” at IIT, Delhi on 5-6 Jun 15.
- Attended National Conference on **Technological Developments in Electronics Engineering “Macro to Nano World”** by DCE, GGN from 13-14 Mar 15.
- Attended Two-week ISTE Short Term Training Programme (STTP) on **Pedagogy for Effective use of ICT in Engineering Education** from 5 Jan 15 to 21 Jan 15.
- Attended Two-week ISTE Workshop on **Control Systems** by IIT, Khargpur under NMEICT (MNRD,GOI) from 2 Dec 14 to 12 Dec 14.
- Attended two day Summit on **“India-US Technology Summit”** on 18-19 Nov 14 at Greater Noida.
- Attended a two days’ workshop on **“STEPS 2 RESEARCH”** held at DCE Gurgaon from 19-20 Sep 14.
- Attended a one day workshop on **“LabView”** on 24 Jul 14 organized by NITTTR..
- Attended a 5 day ICT based program on **“Virtual Instrumentation”** organized by NITTTR, Chandigarh.
- Participated in Faculty Development Program on **“Accelerobotics”** conducted by ARK Technosolutions in Dronacharya College of Engineering.
- Attended webinar organized by IUCEE
 - ❖ Outcomes Based Education on 24 July 14.
 - ❖ Bloom’s Taxonomy on 28 July 14.
 - ❖ Assessing Learning Outcomes on 24 Aug 14
 - ❖ Teaching Strategies for Learning Outcomes on 27 Aug 14.
- Attended Two-week ISTE Workshop on **Signal and System** by IIT, Khargpur under NMEICT (MNRD,GOI) from 2 Jan 14 to 12 Jan 14.
- Attended five days faculty development program at NIT-Delhi on **Image Processing, Computer Vision and Pattern Recognition** in Jun 13.
- Attended Two Week ISTE workshop on **Analog Electronics** by IIT (Khargpur) sponsored by MHRD,GOI in Jul 13.
- Attended Two Week ISTE workshop on **DBMS** by IIT (Bombay) sponsored by MHRD,GOI in May 13.
- Attended on line course on **“Research Methodology”** sponsored by IUCEE in Mar 13.

Memberships:

- Annual Membership of IEEE, Life time Membership of ISTE, IETE New Delhi, CSTA, IAENG, SDIWC.



MR ANIL KUMAR SARKAR

- Assistant Professor
- Department Of Mechanical /Automobile Engineering

EDUCATION :

- B Tech (Mechanical Engineering) N I T Jamshedpur
- M B A (Finance) Faculty Of Management Studies, Delhi University

PROFESSIONAL EXPERIENCE :

- **INDUSTRIAL** : 34 Years (Retired As Deputy General Manager From M/S Indian Oil Corp.)
- **TEACHING** : Assistant Professor In Wctm . Gurgaon

RESPONSIBILITIES AT WCTM :

- Teaches Subjects Like Machine Design I & II, Strength Of Materials I & II ,Kinematics Of Machine, Material Science & Technology

TRAINING , WORKSHOP AND SHORT TERM COURSES:

- Training Of Planning , Scheduling &Monitoring I , II, III By Eil Delhi
- Short Term Courses On Industrial Turbine And Industrial Compressor

PUBLICATIONS AND PRESENTATIONS:

- One Research On “ Petroleum Conservation In India” From Petroleum Conservation Of Research Association Presented In International Conference At Beijing, China.

INDUSTRIAL EXPERIENCE SUMMARY:

Mr. Anil Kumar Sarkar 34 Years Of Experience Is About Refining Industry. The Different Activities Covered Are Maintenance Of Refinery Equipment Like Turbine , Compressors, High Pressure Pumps. Furnace ,Columns Water Treatment Plant And Construction & Commissioning Of Grassroot Refinery. As Deputy General Manager At Head Office Advises All The Refineries On Maintenance Function .

DEEPAK SHARMA

ASSISTANT PROFESSOR

DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING

EDUCATION:

B.Tech. (Mechanical Engineering)- 2003 , Kurukshetra University, Kurukshetra

M.Tech. (Manufacturing and Automation)-2011, M.D. University, Rohtak

Pursuing PhD (Mechanical Engineering), SMVDU, Katra, J & K, India

**PROFESSIONAL EXPERIENCE:**

INDUSTRIAL: 02

TEACHING: 07

(Summary of Experience)

- Worked with IIMT Group of Institutions as an Assistant Professor since July 2015 to January 2016.
- Worked with IMS Engineering College, Ghaziabad, U.P., as Assistant Professor since January 2014 to January 2015.
- Worked with Bhagwan Parshuram College of Engineering, Bali Brahamanan, Gohana, Haryana as an Assistant Professor in Department of Mechanical Engineering since November 2011 to September 2013.
- Worked as a Senior Lecturer in Mechanical Engineering with Delhi Institute of Technology and Management, Gannaur, Haryana since January 2008 to June 2009.
- Worked as a Lecturer in Mechanical Engineering with Bhagwan Parshuram College of Engineering, Bali Brahamanan, Gohana, Haryana since October 2005 to September 2007.
- Worked with M/s Anant Raj Industries Ltd., Rewari, Haryana as a Production/Mechanical Maintenance engineer since October 2003 to September 2005.

RESPONSIBILITIES AT WCTM:

- Teaching “Steam and Power Generation” to the second year students

CERTIFICATIONS AND SHORT TERM COURSES:

- Life membership of Indian Institute of Welding, Kolkata.
- Life membership of Indian Society of Technical Education.
- Attended one week staff development program on Introduction to MATLAB and MATROX imaging library (SDPMMIL-2012) held at SMVDU, Katra, Jammu and Kashmir

- Attended two days national technical symposium “Azzero 2002” organized by Haryana engineering college, Jagadhari, Yamuna nagar, Haryana in 2002.
- Attended one day workshop on “Advances in Arc Welding” held at BPRCE, Gohana, Haryana on 19th Feb, 2010.
- Attended two days National conference on machine intelligence research and advancements (NCMIRA-2012) held at SMVDU, Katra, Jammu and Kashmir from 21st to 23rd Dec, 2012.
- Attended one day workshop on “Supply Chain Management” held at IMS Engineering College, Ghaziabad on 01.02.2014.
- Attended All India Seminar on “Renewable Energy Developments-Challenges and the Way Forward” jointly organized by The Institution of Engineers (India) Ghaziabad local center and IMS Engineering College, Ghaziabad on 8th March, 2014.
- Attended National Conference on Innovative Developments in Science, Technology and Management held at Gangs Technical Campus, Bahadurgarh on 1st March, 2015.

PUBLICATIONS AND CONFERENCE:

- **Deepak Sharma** and Dr. Rajesh Kumar Bhushan, “Thermomechanical Modeling of FSW: A Review”, Proceedings of NCMIRA-2012, International Journal of Emerging Technology and Advanced Engineering, Vol. 3, Special Issue 2, PP 130-135, January 2013.
- **Deepak Sharma** and Dr. Rajesh Kumar Bhushan, “Green Welding for Various Similar and Dissimilar Metals and Alloys: Present Status and Future Possibilities”, Journal of Cleaner Production (Elsevier) (Under Review Process).
- Rajbir Saini, **Deepak Sharma** and Ajay Kumar, “Investigation of Microhardness and Metallurgical Properties of Friction Stir Welded AA6061-T651 Aluminium Alloy”, International Journal of Science Technology and Management, Vol. 1, Issue 5, PP

118-126, December 2013.

- **Deepak Sharma** and Dr. Rajesh Kumar Bhushan, “Investigation of Metallurgical, Tensile and Surface Properties of Friction Stir Welded AA6061-T651 Aluminium Alloy”, Welding Journal, August 2014 (Under Review Process).
- **Deepak Sharma** and Pradeep Kumar, “Investigation of SMAW by Varying the Concentration of Calcium Fluoride in Metal Cored Flux Coated Electrode” National Conference on Innovative Developments in Science, Technology and Management, GTC, Bahadurgarh, March 2015.
- Presented a poster, Deepak Sharma and Dr. Rajesh Kumar Bhushan, “Issues in Friction Stir Welding (FSW) of Metal matrix Composites” at RIAM 2015 held at CSIR-AMPRI, Bhopal

RESEARCH SUMMARY:

Pursuing PhD. in Mechanical Engineering from Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir under the guidance of Dr. Rajesh Kumar Bhushan (Associate Professor, Mechanical Engineering, Guru Ghasidas University, a central university, Bilaspur, Chhattisgarh).

Registration no.: 12PHDEME01

Area of Research: Friction Stir Welding of Metal Matrix Composites

Status of Research: At the final stage of experiments and testing at IIT, Gandhi Nagar

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.

DR. BRAJENDRA NATH TRIPATHI

ASSOCIATE PROFESSOR

DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING



EDUCATION:

B.E- Mechanical, National Institute of Technology Kurukshetra(2003)

M.Tech-Maharshi Dayanand university Rohtak(2010)

Ph. D-IIT(ISM Dhanbad) (2016)

PROFESSIONAL EXPERIENCE:

Teaching : 14 yrs.

Industry : 5 yrs.

- (i) Worked for 5 years in Atul Glass Industries Ltd Faridabad Haryana.

RESPONSIBILITIES AT WCTM:

Teach Fluid Mechanics, to the undergraduate students of Mechanical Engineering.

PUBLICATIONS & PRESENTATIONS:

1. Presented a paper on '**Condition Monitoring of rotating equipments in Plant using Vibration Analysis**' at the National Seminar on 'Advances in Mechanical Engineering' held at Gurgaon Institute of Technology & Management, Gurgaon on 21st & 22nd February 2014.
2. Presented a paper on '**Advances in the Shaft Sealing System of Centrifugal Pumps**' at the National Seminar on 'Advances in Mechanical Engineering' held at Dronacharya College of Engineering, Gurgaon on 22nd July 2009.
3. Presented a Paper on '**Condition Monitoring at NFL Bathinda**' at a Seminar organized by **National Productivity Council, New Delhi** for Senior Engineers at New Delhi on 21st March 2000.
4. Paper '**Problem Faced on Steam Turbine at NFL Bathinda, a Case Study**' was published in '**Fertilizer News**' (a Technical Journal published by Fertilizer Association of India, New Delhi) in its February 1994 edition.
5. Paper '**Failure of Ball Bearings & its Diagnosis by Vibration Analysis**' was published in '**Chemical Engineering World**' in its May 1989 edition.
6. Paper '**Air Compressor Failure at NFL Panipat, a Case History**' was published in '**Fertilizer News**' in its November 1986 edition.

MADHAVENDRA SINGH 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 specific work output and thermal efficiency of combined cycle at different air fuel ratio, pressure ratio and variable supplementary heating. In the present paper the pressure ratio has been taken in the range of 4 to 20 bar, air fuel ratio 50, 55, 60, and 65 and supplementary heating from 0.1 to 0.5. It is observed that specific work output and thermal efficiency improve at lower air fuel ratio, pressure ratio and supplementary heating. In the present analysis effect of supplementary heating on performance of combined cycle is discussed. It was desirable that at the (exhaust temp. of gas turbine t_{4a} + gas turbine by passed temp. t_3) should be above 813 K, otherwise the steam cycle would be inefficient resulting in lower combined cycle plant efficiency.

OMPRAKASH PRAJAPATI

ASSISTANT PROFESSOR

DEPARTMENT OF MECHANICAL ENGINEERING



EDUCATION:

- B.Tech. (Mechanical Engineering)-2011 ,UP Technical University.
- M.Tech. (Computer Aided Design)-2014, HBTI (HARCOURT BUTLER TECHNOLOGICAL INSTITUTE, KANPUR)

PROFESSIONAL EXPERIENCE:

INDUSTRIAL: Maintenance Engineer, Good Luck Steel Tube Pipe Pvt. Ltd., Bulandshar (U.P.)

TEACHING: Assistant Professor in W.C.T.M. Gurgaon.

RESPONSIBILITIES AT WCTM:

- Teaches subjects like Engineering Mechanics, Strength of Material, Engineering Drawing and Machine Design and Drawing etc.
- Collect the data of placement of mechanical engineering students.

CERTIFICATIONS AND SHORT TERM COURSES:

- A TEQIP sponsored one week Faculty Development Programme (FDP) on “Modelling, Simulation and Analysis of Engineering Systems” Oct 25-30, 2013, Computer Science and Engineering Department, HBTI Kanpur.
- A TEQIP sponsored one week Faculty Development Programme (FDP) on “Engineering Education Opportunities, Challenges & Future Directions” March 7-12, 2014, Mechanical Engineering Department, HBTI Kanpur.
- Industrial Training in “Ronoulds Braking” Pvt. Limited in Sonipat (Haryana).
- Industrial Training in “Pariksha Power Plant ” Pvt. Limited in Jhansi (U.P.).
- Training of AutoCAD (2009), CADD CENTRE (Jarman Company), Ghaziabad.
- GATE qualified in 2011, 2012, 2014, and 2015.

RESEARCH SUMMARY:

Mr. Omprakash research work is concerned with “Multi-objective Design Optimization of Rolling Element Bearing using Genetic Algorithm”, Optimization of Dynamic capacity, Static capacity and Elasto-hydrodynamic minimum film thickness separately and simultaneously using an advanced multi-objective optimization technique (Genetic Algorithm) for getting the best performance of the rolling element bearing with the help of relating softwares such as Matlab, C language. Among the stochastic optimization techniques, genetic algorithms (GAs) are popular and promising ones in that they overcome the problem of local minima (or maxima). One of the advantages of GAs is that they explore different areas of the search space in parallel and have no presumptions with regard to the search space. Better still, they provide several alternative solutions to the problem at hand and can be easily combined with other methods.

RAVINDER KUMAR ANAND

ASSISTANT PROFESSOR

DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING



EDUCATION:

B.Engg. (Mechanical Engineering)- 1995, MDU, Rohtak

MBA (Operation Management) from Indira Gandhi National Open University (IGNOU)

M.Tech. (Mechanical Engineering)-2008, UPTU, Lucknow.

Ph.D. (Pursuing) – Amity University, Noida

PROFESSIONAL EXPERIENCE:

INDUSTRIAL: 4.9 years

TEACHING: 14 years

A). Teaching :- 13.9 Years

- 1) As Assistant Professor with Panipat Institute of Engineering and Technology, Panipat from October 2014 to May 2015.
- 2). As Principal with S.S. College of Polytechnic Karnal from November 2008 to October 2014.
- 3) As Assistant. Professor with Panipat Institute of Engineering and Technology, Panipat from August 2008 to November 2008.
- 4) As Lecturer, Senior Lecturer and Assistant Professor with Inderprastha Engineering College, Ghaziabad from August 2001 to August 2008.

B). Industry :- 4.9 Years

- 1). Worked with **Bhushan Steel & Strips Limited**, Site-4, Industrial Area, Sahibabad, Ghaziabad from November 1996 to August 2001 as **Maintenance Engineer**.

CERTIFICATIONS AND SHORT TERM COURSES:

- 1). One week short-term course on TQM at NITTTR, Chandigarh.
- 2). International conference on “Challenges and Strategies for Sustainable Energy, Efficiency and Environment” at UPTU Lucknow.
- 3). ICTE sponsored National workshop on “Advances in Arc Welding Processes” organized by Krishna Institute of Engineering and Technology in collaboration with Indian Institute of Welding.

PUBLICATIONS AND CONFERENCE:

Journals:

1. 'Complexity Analysis of Mechanical Assemblies' (2007) in Journal of Intelligent System Research, January - June 2007; pp 1-9

Conferences:

1. 'Some Aspects of Flexible Manufacturing System (FMS) in Indian Manufacturing Industries' (2006) in National Conference on Advances in Mechanical Engineering (AIME- 2006), January 20-21, 2006, Jamia Millia Islamia, New Delhi, pp 449-456.
2. 'Conflicts between DFA and DFM- How to find the best solution' (2006) in National Conference on Recent Developments and Future Trends in Mechanical Engineering (RDFTME-2006), November 3-4, 2006 NIT, Hamirpur (HP), pp 235-245.
3. 'Design for Low Cost - A solution to the Conflict between DFM & DFA' in National Conference on Trends & Advances in Mechanical Engineering December 9-10, 2006, YMCA Institute of Engineering, Faridabad, Haryana, pp 549-554.
4. 'Linking Modularity and Flexibility to DFM/ DFA Contradiction' in AICTE Sponsored National Level Seminar on Robotic and Automation, March 30-31, 2007, N.C. College of Engineering, Israna (Panipat), pp 10.
5. 'Case Study of Paharpur Cooling Towers Ltd.' in AICTE Sponsored National Level Seminar on Robotic and Automation, March 30-31, 2007, N.C. College of Engineering, Israna (Panipat), pp 5.

RESEARCH SUMMARY:

Ph.D (Pursuing) – Amity University, Noida

VINAY KUMAR SHARMA

PROFESSOR

DEPARTMENT OF MECHANICAL/AUTOMOBILE ENGINEERING

**EDUCATION:**

B.Sc. (Engg.) Mechanical, Regional Engineering College, Rourkela (now a NIT) 1971

M.E. (Mech.)M/c Design, University of Roorkee, Roorkee (now an IIT) 1974

PROFESSIONAL EXPERIENCE:

Teaching : 7.5 yrs.

Industry : 32 yrs.

- (i) Worked for 27 years in Fertilizer Corporation of India Limited & in National Fertilizers Ltd.(A Govt. of India Undertaking) & held post of “Chief Manager” when left.
- (ii) Worked for 5 yrs in Bandar Imam Petrochemical Co, Bandar Imam, Iran & Fanavaran Petrochemical Company, Bandar Imam, Iran, as a “Specialist Mechanical Engineer” for Condition Monitoring & Maintenance of Rotating Equipments.

SPECIAL TRAINING:

- Underwent 4 weeks training on “Industrial Radiography” in HAL Bangalore in September 1985.
- Underwent 2 weeks training on “SGP Steam Turbines” at Simmering Graz Pauker, Vienna, Austria in October 1987.

RESPONSIBILITIES AT WCTM:

Teach Strength of Materials, Mechanical Machine Design & Power Plant Engineering to the undergraduate students of Mechanical Engineering.

PUBLICATIONS & PRESENTATIONS:

1. Presented a paper on ‘**Condition Monitoring of rotating equipments in Plant using Vibration Analysis**’ at the National Seminar on ‘Advances in Mechanical Engineering’ held at Gurgaon Institute of Technology & Management, Gurgaon on 21st & 22nd February 2014.

2. Presented a paper on '**Advances in the Shaft Sealing System of Centrifugal Pumps**' at the National Seminar on 'Advances in Mechanical Engineering' held at Dronacharya College of Engineering, Gurgaon on 22nd July 2009.
3. Presented a Paper on '**Condition Monitoring at NFL Bathinda**' at a Seminar organized by **National Productivity Council, New Delhi** for Senior Engineers at New Delhi on 21st March 2000.
4. Paper '**Problem Faced on Steam Turbine at NFL Bathinda, a Case Study**' was published in '**Fertilizer News**' (a Technical Journal published by Fertilizer Association of India, New Delhi) in its February 1994 edition.
5. Paper '**Failure of Ball Bearings & its Diagnosis by Vibration Analysis**' was published in '**Chemical Engineering World**' in its May 1989 edition.
6. Paper '**Air Compressor Failure at NFL Panipat, a Case History**' was published in '**Fertilizer News**' in its November 1986 edition.

CURRICULUM VITAE



Name : **Dr. AMARENDRA KUMAR CHOUDHARY**

QUALIFICATIONS

Sr. No.	Name of Exam.	Name of Board/University	Year of Passing	Class/%age of Marks
1.	Ph.D. in Faculty of Management.	B.R.A. Bihar Uni, Muzaffarpur, Bihar.	April, 2015.	Awarded
2.	MBA (HR & Mktg.)	Sikkim Manipal University, Manipal.	July, 2006	I/68.75%
3.	B. Tech. (Mechanical)	G.B. Pant Uni. of Agr. & Tech. Pantnagar, U.P.	Nov., 1979	I/70.20%
4.	Degree Part-I/I. Sc.	Bihar University, Muzaffarpur, Bihar.	April, 1971	I/67.30
5.	Secondary School	Bihar School Exam. Board, Patna.	March, 1969	II/56.78

Contd.

EXPERIENCES:

I. INDUSTRIES: 20 + Years.

Sr. No.	Name & Address	Post held	Period	Nature of work
1.	Oil India Ltd., (A Govt. of India Enterprise) Duliajan-786002, Assam.	Production Engineer	7-6-1982 to 6-6-1987	– Production Planning, Budgeting and Tender Evaluation. – Procurement of materials related to Oil/Gas production. – Supervisory Control of High-Pressure Oil/Gas wells

				commissioning and production.
2.	Bharat Wagon & Engg. Co.Ltd., (A Govt. of India Undertaking) C-Block, 5 th Flr, Maurya Lok Complex, Dak Banglow Road, Patna-800001, Bihar	Deputy Manager (Purchase)	8-6-1987 to 17-10-2002	– Planning and procurements of plant and machineries, General stores & spares, consumables, etc. for maintaining smooth production and fabrication of railway wagon, Screw Pile Bridges, Casting of heavy rollers of sugar mills, fabrication of HT Towers and Structural. – Supervisory control of the Total Management of a Production Unit of the company independently.

II. TEACHING: 10⁺ Years.

Sr. No.	Name & Address	Post hold	Period	Nature of work
1	Beri Institute of Technology, Training & Research, 58/11, PVC Market Road, Delhi-41. (Affiliated to GGSIPU, Delhi).	Sr. Lecturer Associate Professor	July, 2003 To June, 2007 & July, 2007 To Sept., 2014.	Teaching the Subjects: Human Resource Management, General Management, Production & Operation Managements and Values & Ethics in Business of MBA, BBA/BCA students. Administration: Examinations, Career Counselling, Training & Placement, Infrastructure Strengthening & Maintenance and Extra Curricular Activities.
2	World College of Technology and Management, Farukhnagar, Gurgaon. (Affiliated to MDU, Rohtak (Haryana).	Associate Professor	Jan., 2016 and Contd.	Teaching the Subjects in the areas of HR, General Mgmt. and Production & Operations Mgmt. of MBA, BBA/BCA & B.Tech. Programmes.

Contd.

ACHIEVEMENTS

PUBLICATIONS:

1. Article entitled “CURRENT ISSUES IN NEW ECONOMIC POLICY: COST REDUCTION & QUALITY IMPROVEMENT” published in the Book of proceeding of National Conference on HEURISTIC APPROACH OF

MARKETING IN DEVELOPING ECONOMIES vide ISBN 978-93-83334-01-8, of Tecnia Institute of Advanced Studies, Delhi. (PP., 118-127).

2. Article entitled “HUMAN VALUES: GLOBAL PHILANTHROPY” published in the Book VALUE EDUCATION AND PROFESSIONAL ETHICS- An Anthology vide ISBN 978-81-7139-555-2. (PP., 141-153).
3. Article entitled “SUPPLY CHAIN MANAGEMENT (SCM): A POWERFUL LEVER FOR THE COMPETITIVE ADVANTAGE” published in the Recent Receptive Exploration: An International Journal vide ISSN 2320-8740, Vol.2, Issue-2, April, 2014. (PP., 148-154).

PARTICIPATIONS:

1. Participated in the Seminar on “Managing Corporate Reputation” organized by School Of Management Studies, GGSIPU, Delhi held at India International Centre, Max Muelier Marg, Delhi on February 12, 2003.
2. Participated in the Seminar on “TEACHERS AS A MENTOR” & “EMERGENCE OF NEW INDIA” organized by USMS, GGSIPU, Delhi held on August 20, 2004.
3. Participated in the International Conference on “Corporate Ethics: New Paradigms” organized by DIAS, Delhi held on January 05, 2006.
4. Participated in the Faculty Development Programme organized by DSPSR, Delhi held on January 11, 2008.
5. Participated in the Seminar on “E-filing under the Income Tax Act, 1961 and Companies Act, 1956”, organized by Northern India Regional Council of the Institute of Company Secretaries of India, Delhi held on December 20, 2008.
6. Participated in the National Seminar on “Intellectual Property Rights, 2009”, organized by USMS, GGSIPU, Delhi held on November 20, 2009.

Contd.

7. Participated in the 10th MELUS-MELOW International Conference on “Contemporary Issues: Literature and Culture since 1980” organized jointly by Punjab University, Chandigarh Sahitya Akademi and MELOW (The Society for the Study of Multi Ethnic Literature of the World) held on February 25-27, 2010.
8. Participated in the Management Development Programme on “ Doing Business in Europe”, organized by USMS, GGSIPU, Delhi held on January 21-22, 2011.

9. Participated in the National Workshop on “Leverage Technologies Using Open Source Technology”, organized by Tecnia Institute of Advanced Studies, Delhi held on March 25, 2011.
10. Participated in the Faculty Development Programme on “Leveraging Technology for Quality Education”, organized by Bharati Vidyapeeth’s Institute of Computer Applications & Management (BVICAM), Delhi held on May 28, 2011.
11. Participated in the National Seminar on “Dynamics and Development Changes in Business Practices: Innovations, Globalization and Policies”, organized by IITM, Delhi held on February 25, 2012.
12. Participated in the International Conference on “Role and Responsibility of Humanities and Social Sciences in Technical Education” and presented a paper entitled “Current Issues for New Economic Policy: Cost Reduction & Quality Improvement”, organized by SRM University, NCR campus, Modinagar, Ghaziabad(U.P.) in association with India Inter-Continental Cultural Association, Chandigarh, held on March 16-17, 2012.
13. Participated in the National Conference on “HEURISTIC APPROACH OF MARKETING IN DEVELOPING ECONOMIES” and presented a paper entitled “NEW ECONOMIC POLICY: COST REDUCTION & QUALITY IMPROVEMENT”, organized by Tecnia Institute of Advanced Studies, Delhi (Affiliated to GGS Indraprastha University, Delhi) held on October 20, 2012.
14. Participated in the 13th International MELOW Conference on “In a Wired World: Literature in the Age of Information Technology”, organized by Jammu University in collaboration with MELUS- India(The Society for the Study of the Multi- Ethnic Literatures of the United States- India Chapter) & MELOW(The Society for the Study of the Multi-Ethnic Literatures of the World) held on February 21-23, 2014.
15. Participated in the Faculty Development Programme on “LIFE LONG LEARNING IN THE 21st CENTURY: NEEDS AND ESSENTIALS” organized by Sant Hari Dass College of Higher Education (Affiliated to GGSIPU), Delhi held on 15th to 20th January, 2015.

Contd.

16. Participated in the Faculty Development Programme on “CHANGING PARADIGM IN EDUCATION IN DIGITAL AGE” organized by Sant Hari Dass College of Higher Education (Affiliated to GGSIPU), Delhi held on 20th to 25th February, 2017.

ASSOCIATIONS:

1. I have been associated with Institutes of Administrative Studies, Muzaffarpur, Bihar, as a Visiting/Guest Faculty for teaching Materials Management and Production & Operations Management to the students of PGDM and also provided technical support to them for Industrial Training and Project Preparation from the year 1997 to 2002.
2. I have been associated with National Group of Consultants, Delhi since 1995 as a Technical Advisor for its activities of Pre-placement Counseling Programme and Co-ordination with different Business Houses for placement of the candidates in multidisciplinary areas.
3. I have been associated with Bharati Vidyapeeth Deemed University, and participated in the academic activities like imparting lectures as a Visiting Faculty, as a Committee Member of GD/PI of Admission Procedures and as a Panel Member for review of Study Materials for 'Operations Management' of MBA/BBA Programmes.
4. I have been a Guest Speaker in the 56th All India English Teachers' Conference, organized by the Department of English Studies, Bareilly College, Bareilly (U.P.), held on December 18-20, 2011.
5. I have been a Guest Speaker in the International Conference on "Role and Responsibility of Humanities and Social Sciences in Technical Education" , organized by SRM University, NCR campus, Modinagar, Ghaziabad(U.P.) in association with India Inter-Continental Cultural Association, Chandigarh, held on March 16-17, 2012.
6. I have been a nominated member for representing Beri Institute of Technology, Training and Research, Delhi for different committees and its Governing Body and discharged my responsibilities to the satisfaction of all authority concerns.
7. I have been an Event Manager for organizing Sports/Cultural activities, celebration of Annual Function and a coordinator/convener of academic activities of Beri Institute of Technology, Training and Research, Delhi.

(Dr. A. K. Choudhary)

FACULTY PROFILE



Ms. Deepika Kalra
Assistant Professor
Business Administration Department

PROFESSIONAL QUALIFICATION

Masters of Business Administration (2012 -2014)

Specialization: *Banking and Finance*

From: Amity University, Haryana

CGPA: 7.01

ACADEMIC QUALIFICATION

COURSE	COLLEGE/SCHOOL	BOARD/UNIVERSITY	SUBJECTS	YEAR	PERCENTAGE
BACHELOR OF TECHNOLOGY	WORLD COLLEGE OF TECHNOLOGY AND MANAGEMENT	MAHARISHI DAYANAND UNIVERSITY	INFORMATION TECHNOLOGY	2007-2011	75%
SENIOR SECONDARY EDUCATION	DAV PUBLIC SCHOOL, GURGAON	CBSE	NON MEDICAL	2007	77.4%
SECONDARY EDUCATION	OLF CONVENT SCHOOL, GURGAON	CBSE		2005	82.4%

WORK HISTORY

- 1. WORLD COLLEGE OF TECHNOLOGY AND MANAGEMENT, GURGAON**

- ASSISTANT PROFESSOR**
JUNE 2015-PRESENT
- 2. AXIS BANK PVT. LTD.**
ASSISTANT MANAGER
- 3. HDFC BANK PVT. LTD**
INTERN
-

ROLES AND RESPONSIBILITIES

- Planning and preparing lectures
 - Research and development of new topics, courses and teaching subject matters including online resources
 - Monitoring and marking assignments
 - Maintaining records for progress of students
 - Conducting mid-terms and practical(s) for students
 - Interviewing potential students
 - Conducted workshops and seminars on ***Current Management issues.***
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SUBJECTS

- MANAGEMENT CONCEPTS AND APPLICATIONS
- HUMAN RESOURCE MANAGEMENT
- CAPITAL MARKET
- BRAND MANAGEMENT
- MARKETING MANAGEMENT
- CYBER SECURITY
- SYSTEM ANALYSIS AND DESIGN

Dr. Himani Avasthi



Executive Profile

- A Doctorate academic head and administrator offering outstanding presentation, communication and cross-cultural team management skills. High-energy, results-oriented leader with an entrepreneurial attitude. Ambitious educator who creates strategic alliances with organization leaders to effectively align with and support key business initiatives. An experienced academician with international teaching exposure. Academic administrator skilled in talent recruiting, program development and public relations. Visionary Operations Executive with solid experience in managing all levels of multiple projects including budgeting and negotiation. Accomplished educator instrumental in admissions, placements & business development for excellence and innovative academic programming and ability to deliver mission-critical results. Recognized for fostering a healthy learning atmosphere in class & responding to all classroom queries in a spontaneous manner, with consistent students' feedback above 4 on a scale of 5 (4.30 approximately).

Education

- P.hD. Singhanian University, Rajasthan 2010 -2014. Thesis on “**Work-life balance in Government and Private run Management Institutes**”.
- MBA, Human Resource Management 1998 — 2000 from Lucknow University
- Bachelor of Science (Physics, Chemistry & Mathematics)–1995-1998 from University of Allahabad

Professional Experience

WORLD COLLEGE OF TECHNOLOGY & MANAGEMENT	GURGAON	MAY 2016-PRESENT
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Associate Professor & Head of Department – Business Administration

Oversee Academic Programming

- Coordinating, facilitation and quality control of academic programs, observing and evaluating professors in the classroom to ensure all academic goals are being met and the curriculum is appropriate. Teaching important subjects like Operations Research, Business Research , E-Commerce & Strategic HRM.
- Works closely with the academic departments and coordinates all aspects of graduate education and research including: admissions, programs of study, comprehensive examinations, thesis/dissertation research quality control, implementing assistantships, scholarships, and fellowship programs, appointment of faculty, and curricula development and scheduling of graduate courses.

JK BUSINESS SCHOOL	GURGAON	JULY 2015- APRIL 2016
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Faculty & Academic Convener for PG & UG

- Faculty for OB & HRM for PG & Business Mathematics & Statistics for UG.

- Guiding students for Summer Internships & final research projects
- Guides faculty members in the process of curriculum development in updating and revision on continued basis to meet the requirement of industry.
- Convenes student committee meeting along with faculty members to get the feedback on course coverage and take remedial actions as and when required.
- Prepare timetable of each department after verifying that allocated hours for lectures, tutorials & practical's are adhered to as per guidelines.

Core Accomplishments

- Promoted as Academic Convener- UG & PG within a span of 6 months.
- Nominated as Research project guide for PG students as per AICTE norms.
- Aggressively involved in students' admission process , travelling and giving presentations.
- Co-convenor of the college mega event 30 hours.
- Nominated as HR faculty to attend all workshops & conference in the area of HRM and reviving college journal – JK Journal of Management & Technology

ANNAPURNA INTERNATIONAL SCHOOL OF FILM & MEDIA HYDERABAD

JULY 2014 – MAY 2015

- Faculty for Business Research & Business Statistics & Mathematics
- Coordinated research projects, scheduling and budgeting for small but high-profile projects in film and media industry. Praised for initiative and problem-solving abilities.
- Exam Paper setter for JNTU (Jawahar Lal Nehru Technical University) Hyderabad

Core Accomplishments

- Excellent feedback from students and Director
- Guided post graduate students for their Research Project.

CENTRE FOR EXECUTIVE EDUCATION

DUBAI, UAE

APRIL 2013-JULY 2013

- Provide challenging coursework, innovative projects and stimulating exercises while utilizing active learning techniques and a hands-on approach for **Human Resource Development and Employee relations** to students of various nationalities. The class comprised of **executives, post graduates and undergraduate students**.
- Promote utilization of latest technology in online corrections of assignment and allocations of grades and cultivate greater general education skills such as communication along with critical thinking.

Core Accomplishments

- Got an excellent feedback so was allotted another 2 more subjects in a span of 2 months.

INSTITUTE OF BUSINESS MANAGEMENT & RESEARCH

GURGAON, INDIA

JULY 2010-MARCH 2013

- Assistant Professor and Head-Corporate Relations & Training
- Conducting training sessions on Personality grooming and interview skills.
- Handling industrial visits, live projects and study tours.

Core Accomplishments

- Promoted as Head - Corporate Relations & Training
- Conducted academic tour of PG students to Singapore- Malaysia (April 2012)

IILM INSTITUTE FOR HIGHER EDUCATION DUBLIN INSTITUTE OF TECHNOLOGY

**GURGAON, INDIA
IRELAND**

**JULY 2005-JULY 2010
JULY 2005-JULY 2008**

- Assistant Professor (March 2008- July 2010) and Fellow (2005-2008.)
- Teaching Executives & Postgraduate students of national University and Undergraduates of Dublin Institute of technology, Ireland.

Core Accomplishments

- Organized HR Symposium at IILM (2008).
- SPSS training from SPSS India Ltd.(June -2008).
- Conducted Training sessions on Staffing and Business Research for BPO executives
- Recognizing the potential , was given mid – level executives classes for HRM & Business Research
- Visiting all over north India for admission Interviews and brand promotion of the Institute

**IILM ACADEMY OF HIGHER LEARNING
BRADFORD UNIVERSITY**

**JAIPUR, INDIA
U.K.**

**AUGUST 2002- JULY 2005
AUGUST 2002- JULY 2005**

- Teaching undergraduates courses affiliated to Bradford university and postgraduates of Rajasthan University.
- Conducting seminars & workshops

Core Accomplishments

- Officiating Dean from March 12, 2003 to June 12, 2003.
- Course Coordinator-BBA
- Controller of Examinations –Bradford Under Graduate Business School

INDIAN INSTITUTE OF MANAGEMENT SCIENCES

JAIPUR, INDIA

JULY 2000-JULY 2002

ACADEMIC PAPER PRESENTATIONS, PUBLICATIONS & CONFERENCES

- Attended roundtable conference on ‘**Indian Ethos at Work, HR Best Practices & Celebrating Women in Leadership**’ hosted by ‘**People and Management**’ magazine on 15th March 2016
- Published an article on “ **Managing Change with Cultural Transformation : Tools & resources to deal with Change**” in **People & management , International edition- Singapore – Vol7, issue 1, January 2016**(
www.peopleandmanagement.com)
- Published a research paper on “**Quality Of Work-Life**” in **Indian Journal of Applied Research (ISSN- 2249-555X)** Volume 01 , Issue 06 March 2012
- Presented a paper in **National Conference on Micro, Small & Medium Enterprises – Next Generation Engine of Growth on March 23-24, 2012**
- Published a research paper on “International Human Resource –Planning & Staffing ” in **Indian Journal of Research - PARIPEX (ISSN- 2250 -1991)** Volume 01 , Issue 01 January 2012
- Case Study on Jet Airways Pvt. Ltd. : Managing Separation in Economic Recession accepted at **27th SCOS, Copenhagen Business School, Denmark, in July, 2009.**
- Presented a paper in International HR Conference-2009 on Impact of Technology on HR : Work Life Balance Enablers at IES, Mumbai on 6th Feb’09. Paper published in conference proceedings.
- Presented and published the paper on Outsourcing - “HR issues in Outsourcing” in International Seminar at MIM, Manipal, 7-9Jan’08.
- Presented a paper on Logistics Management “New ways of competing based on Effective logistics” in National Seminar held on Dec 23-24,2006.
- Presented a paper on “Human Development with special reference to Women’s Health in Rajasthan” in the National Level Knowledge Sharing Conference on Health & Human Development held in Jaisalmer on 13-14 March 2005.This paper is published in UNDP Magazine and also available on website.
- Presented a paper on Contemporary HR issues – Outsourcing at a seminar at Mody Institute of Management, Kota held on 4-5th September, 2004.

FACULTY PROFILE



Mr. KAMAL BATRA
Assistant Professor
Department of Management Studies

PROFESSIONAL/ACADEMIC QUALIFICATIONS

PROFESSIONAL QUALIFICATIONS

Year	Course	College/Location	Board/University	Subject	%age
2014	MCom	IGNOU	IGNOU	Commerce	60.3
2007	Diploma in Finance	IMT, Ghaziabad		Finance	70.2
2006	PGDBA	SCDL, Pune	Symbiosis, Pune	Marketing	74.4
2002	Diploma in Russian Language	Delhi University, Delhi	Delhi University		54.33

- NSE'S Certification in Financial Market (**NCFM**) in **DERIVATIVES MARKET** in NOVEMBER 2008.
- NSE'S Certification in Financial Market (**NCFM**) in **AMFI MUTUALFUND(ADVISORS)MODULE** in AUGUST 2009.

ACADEMIC QUALIFICATIONS

Year	Course	College/ School	Board/University	Subject	%age
2000	B.Com	A.R.S.D College, Delhi	Delhi University	Pass	48.16
1997	12 th	M.C.L. Saraswati Bal Mandir	C.B.S.E	Commerce	67.4
1995	10 th	M.C.L. Saraswati Bal Mandir	C.B.S.E		62.8

EXPERIENCE SUMMARY

- Working as an Assistant Professor with World College Of Technology & Management, Gurgaon affiliated to MDU since August 2015.
 - Worked as a Lecturer with Apar India College of Management & Technology for 3 years 1 month since July 2012.
 - Worked as a Guest Lecturer with Apar India College of Management & Technology for 6 months since January 2012
 - Worked as a Manager (T&D) with Ace School for Professional Studies for 6 months since January 2012.
 - Worked as a Lecturer with Sikkim Manipal University Learning Centre for 8 months since May 2011.
 - Worked as a Business Head-Equity with Unicon Securities Pvt. Ltd for 6 months since July 2010.
 - Worked with ICICI Securities Ltd. as a Senior Relationship Manager for 1.3 years since May 2009.
 - Worked with Kotak Securities Ltd. as a Relationship Manager for 1.7 years since May 2007.
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RESPONSIBILITIES AT WCTM

- Teaching management subjects to BBA/MBA students related to Finance and Marketing stream. Subjects are Financial Management, Financial Accounting, Security Analysis and Portfolio Management, Consumer Behaviour, Marketing management, Organizational Behavior.
- Teaching Fundamental of Management (FOM) to engineering students.
- PDP (Personality Development Program) session to engineering students.
- Active participation in admission process and counselling to students.
- Sharing corporate experiences with students for their overall grooming in today's competitive scenario.
- Active participation for Industrial visits, Educational excursion trips and Excursion trips for students and Cultural activities.

AWARDS AND HONOURS

- Secured first division in MCom.
- Organized and participated in various cultural and excursion activities

CORPORATE / TEACHING(TRAINING) EXPOSURE

- Played the role of "**Mentor (Trainer)**" for the new joiners/ management trainees. Responsible for imparting product training to them from time to time in "**Kotak Securities Ltd.**"
- Giving "**Wealth Management Services**" to prospective clients in "**ICICI Securities Ltd.**"
- Played role as a "**Training & Development manager**" for imparting training regarding "**CFP (Certified Financial Planner) Program**" in corporates and colleges in "**Ace School for Professional Studies**"
- Provided certificate courses for "**Basics of Financial Accounting**", "**Basics of Financial Markets**", "**Basics of Investments**" and "**Basics of Derivative Markets**" in "**Apar India College of Management & Technology**".
- Provided training for "**Customer Services**", "**Business Etiquettes**" and "**Customer Loyalty and Retention**" in "**Apar India College of Management & Technology**".
- Attended "**FDP (Faculty Development Program)**" and "**Workshops**" and participated in "**Student's Placement Drive**" in "**Apar India College of Management & Technology**" and "**World College of Technology and Management**".