



## **DR. MUNESH CHANDRA TRIVEDI**

**M. Tech. (CSE), Ph.D. (CS), SMIEEE, SMIACSIT, SMISTE, LMCSI**

Professor, Department of Computer Science & Engineering,

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### MAJOR ACHIEVEMENTS

- Executive Committee Member of **IEEE-UP Section** and **IEEE Computer Society- India Council** from Jan 2013 to till date.
- Convener Membership Development Committee 2014-15 for IEEE UP Section.
- Life member of Computer Society of India.
- Honored by **“Vigyan Ratan Award-2014”** from IEEE Sixth International Conference on Computational Intelligence & Communication Network (CICN-2014) Jointly organized by MIR Labs Gwalior and JRN Rajasthan Vidyapeeth University Udaipur.
- Honored by **“Man of Year-2013”** from Motivational Society of Achievers.
- Honored by **“Young Scientist Award-2012”** from International Conference of Computer Technology in Academia organized by Department of Computer Science & IT, JRN Rajasthan Vidyapeeth University, Udaipur (Raj.)
- Received **Dronacharya Award 2011** from Pacific University, Udaipur (Raj.)
- Received **Young Scientist visiting fellowship-2010** from Council of Science & Technology, Govt. of U.P., worked with Dr. K.V. Arya at ABV-Indian Institute of Information Technology & Mgt., Gwalior (M.P.).
- Department of Science & Technology, Govt. of India sponsored under **“Young Scientist scheme-2009”** for attending , IEEE 4<sup>th</sup> International Conference on Industrial & Information System ICIIIS 2009” at University of Peradeniya, Sri Lanka.
- Declared **“Author of Year 2008”** according to Books Today Survey (Sep 2008 Issue).
- Working as Editor-in Chief for Vision & Quest (ABES-EC International Journal of Science, Technology & Management) From Feb 2014.
- Worked as founder Editor-in Chief in two International Journal Entitled, “International Journal of Computer Science & Systems” & “International Journal of Computational Intelligence & Communication Technology” from Jan 2011 to Jan 2014.
- Member of Editorial Board in 04 International Journals.

### WORK EXPERIENCE (Total Ex. 11+ Years)

- Professor (CSE) & Head-Entrepreneurship Development Cell, ABES Engineering College, Ghaziabad from 06 Feb, 2014 to till date.
- Associate Professor and Head of Department of Computer Science & Engineering, DIT School of Engg. Greater Noida from 06 Aug, 2010 to 05 Jan 2014.
- Assistant Professor, Department of Computer Science & Applications, Institute of Management Studies, Ghaziabad, India from Oct, 2007 to 05 August, 2010.
- Lecturer, Department of Computer Science & Engineering, IEC-College of Engg. & Technology Greater Noida (N.B.A. Accredited, approved by A.I.C.T.E. and affiliated to U.P. Technical University Lucknow) from

- Nov 2004 –Sep 2007.
- Project Associate, Department of Computer Science & Engineering, in Indian Institute of Technology, Kanpur. From January 2004 to Nov 2004.
- Visiting Faculty at ACS (INGNOU Study Center), Agra from Dec 2000 to Dec 2003.

## EDUCATION

- **Ph. D. (Jan, 2011), H. North Gujrat University—Patan, India.**

### *Computer Science*

-Area of research: Computer Graphics and Image Processing

-Thesis Title: Generation of Fractal models using L-System & Iterative procedures

-Thesis Supervisors: Prof. Sanjay M. Shah

- **M. Tech. (Jan, 2007), with 62% from J.R. N. Rajasthan Vidyapeeth University—Udaipur, India**

Computer Science & Engineering

- M. C. A. (June, 2004) with 81% from U.P. Technical University—Lucknow, India

Computer Science & Applications

- B. Sc. (June, 2000), with 62% from Kanpur University- Kanpur, India

- 12<sup>th</sup> From U.P. Board with 70% in 1997.

- 10<sup>th</sup> from U.P. Board with 69% in 1995.

## EDITOR\ GUEST EDITOR

- Guest Editor of Special issue of **Springer International Journal " Complex & Intelligent System"**
- Guest Editor of Special issue of **Springer International Journal "Augmented Human Research".**
- Guest Editor **Springer Book Series on "Lecture Notes on Data Engineering & Communication Technologies"**
- Guest Editor of Special issue of IGI Global Scopus Indexed Journal-IJACI.
- Editor-in Chief International Journal Vision & Quest
- Member Editorial Board International Journal of Advance research in Computer Science
- Member Editorial Board International Journal of Computer Applications

## PUBLICATIONS

**Books Published: 12** (For details see Annexure 1)

## Research Paper Publications-71

**Journals—Published/Under Review**

International Level: 15 National Level: 06 (For details see Annexure 2)

**Conferences—**

International Level: 45 (**30-IEEE Explore, 11-Springer, 04 ACM Digital Library**)

National Level: 05 (For details see Annexure 3)

## RESEARCH INTEREST

- **Computer Graphics-** Fractals
- **Image Processing:** Image Watermarking, Image Registration
- **Pattern Recognition:** Pattern Matching, Feature Extraction

### Approved Research Supervisor

1. U.P. Technical University, Lucknow
2. Uttarakhand Technical University, Dehradun
3. Banasthali Vidyapeeth University, Banasthali
4. Rajasthan Vidyapeeth University, Udaipur

### Thesis Supervised/ Ongoing

**(a) M. Phil. Thesis:** 01 **(b) M. Tech. Thesis:** 05 completed & 03 ongoing

**(c) Ph.D. Thesis:** 04 Completed and 04 ongoing (01 at Banasthali Vidyapeeth as co-supervisor, 02 at Pacific University as supervisor and 01 at Rajasthan Vidyapeeth University as supervisor)

### Teaching

Sharing knowledge has always been an enjoyable experience for me. I have taught the following courses at Undergraduate and Postgraduate level:

**Digital Image Processing, Computer Graphics, Software Engineering, Analysis and Design of Algorithms, Computer Organization and Architecture, Computer Based Numerical & Statistical Techniques.**

## GRANT RECEIVED \APPLIED

- Applied a research project of Rs. 9 Lacs to CST, Govt. of U.P.
- Applied for a research project of Rs. 15 Lacs to DRDO.
- Applied for conference support to DRDO Rs. 1, 00,000.
- Applied for conference support to CST-UP Rs. 1, 00,000.
- Received Rs. 23, 49, 200/- from MSME for student MSME Projects.
- Received Rs. 2, 00, 000/- from DIOT, Govt. of India for organizing IPR Workshop.
- Received Rs. 4, 00, 000/- from All India Council for Technical Education (AICTE) 2010-11 to organize Staff Development Programme as co-coordinator.
- Received Rs. 1,75,000/- from Dept. of Science & Technology, Govt. of India under DST-NIMAT Project 2012-13 to organize Faculty Development Programme as program coordinator.
- Received Rs. 40,500/- from Dept. of Science & Technology, Govt. of India under DST-NIMAT Project 2012-13 to organize 03 Entrepreneurship Awareness Camps as program coordinator.
- Received Rs. 40,500/- from Dept. of Science & Technology, Govt. of India under DST-NIMAT Project 2013-14 to organize 03 Entrepreneurship Awareness Camps as program coordinator.
- Received Rs. 80,000/- from Dept. of Science & Technology, Govt. of India under DST-NIMAT Project 2014-15 to organize 04 Entrepreneurship Awareness Camps as program coordinator.
- Received Rs. 45,000/- from IEEE UP Section for National Conference.
- Received technical sponsorship from IEEE for holding IEEE International Conference on Computational Intelligence & Communication Technology (CICT-2015) in 13-14<sup>th</sup> Feb, 2015.
- Received technical sponsorship from IEEE for holding 2<sup>nd</sup> IEEE International Conference on Computational Intelligence & Communication Technology (CICT-2016) in 12-13<sup>th</sup> Feb, 2016.

## RECOGNITIONS

### Memberships:

- Senior Member of IEEE Computer Society.
- Member of Editorial Board International Journal of Computer applications (IJCA), U.S.A.
- Member of Editorial Board International Journal of Advanced Research in Computer Science (IJARCS), India.
- Senior Member of International Association of Engineers (Society of Computer Science).
- Senior Member of Computer Society of India.
- Senior Member of International Society of Artificial Intelligence (Society of IAE).
- Senior Member of International Society of Network Security (Society of IAE).
- Senior Member of International Association of Information Technology Trainers.

### Session Chair\ Session Co- Chair

1. **Programme Chair** in Springer's International Conference IC4S organized at Aryabhata Engg College, Ajmer.

**Programme Chair** in IEEE "2<sup>nd</sup> International Conference on Computational Intelligence & Communication Technology (IEEE-ICICT-2015) organized at ABES Engineering College, Ghaziabad.

2. **Publicity Chair** in IEEE "9th International Conference on Industrial & Information Systems (ICIIS2014)" during December 15-17, 2014 organizing at ABV-Indian Institute of Information Technology & Management, Gwalior (M.P.).

3. **Organizing Secretary** in IEEE "1st International Conference on Computational Intelligence & Communication Technology (IEEE-ICICT-2015) organized at ABES Engineering College, Ghaziabad.

4. **Publicity Chair** in IEEE "1st International Conference on Cognitive Computing and information processing" March 3-4, 2014 organizing at JSS Academy of Technical Education, Noida.

5. **Session Chair** in IEEE 3<sup>rd</sup> International Conference on Computer Science & Information Technology IEEE-ICCSIT-2010" Chengdu, China, July, 2010.

6. **Session Chair** in International Conference on Computers & Communication (ICC2012), SiSTEC, Bhopal, 27-28, Jan, 2012.

7. **Session Chair** in IEEE 1<sup>st</sup> International Conference on Communication Systems & Network Technology (IEEE-CSNT 2011), S.M.V.D. University, Katra (J&K), June, 2011.

8. **Session Chair** in IEEE 3<sup>rd</sup> International Conference on Computational Intelligence & Communication Technology, (IEEE-CICN-2012), GLA University, Mathura (UP).

9. **Session Chair** in IEEE 4<sup>th</sup> International Conference on Computational Intelligence & Communication Technology, (IEEE-CICN-2013), GLA University, Mathura (UP).

10. **Session Chair** in IEEE 6<sup>th</sup> International Conference on Computational Intelligence & Communication Technology, (IEEE-CICN-2014), JRN Rajasthan Vidyapeeth University, Udaipur (Raj.)

### Served as reviewer

- **Journals:** Elsevier Pattern Recognition Letters, IEEE Transactions on SMC, Part-B, International Journal of Network Security, ACTA Press Journal of Computer Application, and Elsevier Computers & Education.
- **Conferences:** IEEE-ICCSIT2010, IEEE-ICMSC2010, IEEE-CSNT-2011, IEEE-CICN-2011, IEEE-CSNT-2012, IEEE CICT-2015, IEEE UPCON-2015, SpringerICT4SD-2015, IEEE CICT-2016, Springer ICT4SD-2016, ACM ICTCS-2016, Springer IC4S-2016, Springer RACCCS-2016, IEEE UPCON-2016

### Expert/ Guest Lectures

- ◆ Expert Talk on “Research Methodology & SPSS” in UGC Sponsored 4 weeks Need based refresher course on 5-6<sup>th</sup> June, 2015 organized by JRN Rajasthan Vidyapeeth University, Udaipur, Rajasthan.
- ◆ Invited talk on “Virtual University and E- Learning” in AICTE Sponsored 2-Weeks Faculty Development Programme, on 29-30<sup>th</sup> August, 2014 organized by JRN Rajasthan Vidyapeeth University, Udaipur, Rajasthan.
- ◆ Invited talk on “Cloud Computing & its Applications” in AICTE Sponsored International Seminar on Advancement of mobile technology and cloud computing, on March 08-09, 2014 organized by JRN Rajasthan Vidyapeeth University, Udaipur, Rajasthan.
- ◆ Invited Talk on “Research methodology” on 24<sup>th</sup> Dec, 2013 in Faculty Development programme organized by Aravali Institute of Technology, Udaipur (Raj.).
- ◆ Invited Talk on “Web Awareness in Academics” on 08<sup>th</sup> Nov, 2012 in UGC Sponsored refresher course organized by Dr. H.S. Gour Central University, Sagar, (M.P.).
- ◆ Lecture delivered on “Fractals & its Applications” in national Symposium on “ Indian IT @ CROXROADS” organized by S.K. Patel institute of Management & Computer Studies, Kadi Sarva University, Gandhi Nagar.
- ◆ Lecture delivered on “Dynamical Systems & Fractals” as a part of FDP at Saurashtra University, Rajkot.
- ◆ Two lectures delivered on “Introduction to Fractals and its Applications in Computer Graphics” at J.R.N. Rajasthan Vidyapeeth University, Udaipur (Raj).
- ◆ Two lectures delivered on “L-Systems and its Applications in Computer Graphics” at J.R.N. Rajasthan Vidyapeeth University, Udaipur (Raj).
- ◆ Two lectures delivered on “L-Systems and Fractal Plants Modeling & simulation” at J.R.N. Rajasthan Vidyapeeth University, Udaipur (Raj).
- ◆ Two lectures delivered on “L-Systems Fractal Canopies” at J.R.N. Rajasthan Vidyapeeth University, Udaipur (Raj).
- ◆ Lecture delivered on “Introduction to Fractals and their Applications” at Kadi Sarva Vishwavidyalaya, Gandhi Nagar.

### CONFERENCES/SEMINARS/WORKSHOPS/SHORT-TERM COURSE/FDP

#### Organized

1. **Program Chair** in IEEE 3<sup>rd</sup> International Conference on Computational Intelligence & Communication Technology (IEEE-CICT-2017) organized at ABES Engineering College, Ghaziabad.
2. **Program Chair** in Springer’s International Conference RACCCS-2016.
3. **Program Chair** in Springer’s International Conference IC4S-2016.
4. **Program Chair** in IEEE 2<sup>nd</sup> International Conference on Computational Intelligence & Communication Technology (IEEE-CICT-2016) organized at ABES Engineering College, Ghaziabad.
5. **Publicity Chair** in IEEE 9th International Conference on Industrial & Information Systems (ICIIS2014)” during December 15-17, 2014 organizing at ABV-Indian Institute of Information Technology & Management, Gwalior (M.P.).
6. **Organizing Secretary** in IEEE 1st International Conference on Computational Intelligence & Communication Technology (IEEE-ICICT-2015) organized at ABES Engineering College, Ghaziabad.

7. **Publicity Chair** in IEEE 1st International Conference on Cognitive Computing and information processing" March 3-4, 2014 organizing at JSS Academy of Technical Education, Noida.
8. DST Sponsored 02 Weeks Faculty Development Programme on "Academic Research and Entrepreneurship Development" from 05-16<sup>th</sup> Feb, 2013 in DIT School of Engineering, Greater Noida.
9. Short-term course on "Neuro Fuzzy and their VLSI implementation" from 31 Apr07-14 May 2007 in Krishna Institute of Engg. & Technology Ghaziabad.

## Attended

### Part I: Conferences/Seminars

- IEEE International Conference on Computational Intelligence and Communication Networks (CICN-2014), JRN Rajasthan Vidyapeeth University, Udaipur, 14-16<sup>th</sup> Nov, 2014.  
*Title of Paper:* Audio Masking for Watermark Embedding under Time Domain Audio Signals.
- IEEE International Conference on Communication Systems and Network Technologies (CSNT-2014), NITTTR, Bhopal, India, 7-9, April 2014.  
*Title of Paper:* An Algorithmic Digital Audio Watermarking in Perceptual Domain Using Direct Sequence Spread Spectrum.
- IEEE International Conference on Computational Intelligence and Communication Networks (CICN-2013), GLA University, Mathura, India, 27-29 Sep, 2013.  
*Title of Paper:* Mobile Cloud Computing: A Needed Shift from Cloud to Mobile Cloud.
- IEEE International Conference on Communication Systems and Network Technologies (CSNT-2013), Gwalior, India.  
*Title of Paper:* Children Workload Experience during Usability Evaluation in different Settings.
- IEEE International Conference on Computational Intelligence and Communication Networks (CICN-2012), GLA University, Mathura, India, Nov 3-5, 2012.  
*Title of Paper:* A Study of Image Spam Filtering Techniques
- IEEE International Conference on Computational Intelligence and Communication Networks (CICN2011) Gwalior, India, Oct 7-9, 2011.  
*Title of Paper:* Iterative Procedures in Generating Fractal Carpets
- IEEE International Conference on Communication Systems and Network Technologies (CSNT-2011), SMVDU Campus, Katra, J& k, India, June 2-5, 2011.  
*Title of Paper:* A Statistical approach for Automatic Text Summarization by Extraction.
- 4<sup>th</sup> International Conference on Industrial & Information System ICIS 2009, University of Peradeniya, Sri Lanka Sponsored by IEEE Computer Society and IEEE Sri Lanka Section.  
Title of paper presented: New Sierpinski's Models
- International Conference on emerging technologies & applications in engineering, jointly organized by Saurashtra University Rajkot (Gujarat) and A.E.S. Sangli, Maharashtra.  
Title of paper presented: A Unified Approach for Accessing Self- Similarity in Fractal Plants.
- International Conference on Molecular Biology & Biotechnology, organized by Banasthali Vidyapeeth University, Banasthali (Raj.).  
Title of paper presented: L- Systems & Fractal Canopies.
- National Conference on Computer Vision AI & Robotics, organized by S.R.M. University & Sponsored by IEEE Computer Society (Madras) and Computer Society of India.  
Title of paper presented: Role of L-System in Fractal Pattern.
- National Conference "NCIET 2007", organized by I.E.T. Bhaddal & Sponsored by Computer Society of India.

- Title of paper presented: Enhancing the beauty of Fractals through zooming of Mandelbrot set.
- Attended Seminar on **"MATLAB"** organized by Crane Software Pvt. Ltd. On 23 Aug 07 in New Delhi.

### **Part II: Workshops/Training Programs**

- Attended one week short-term course on "Computer Vision, Graphics & Image processing" sponsored by AICTE & Organised by I.I.T.Roorkee.
- Attended one week short-term course on "Digital Signal & Image Processing" sponsored by AICTE & Organised by I.I.T.Roorkee.
- Attended one week short-term course on "Retail Management practices in Indian industries" sponsored by AICTE & Organised through ISTE by I.M.S. Ghaziabad.

### **SOFTWARE SKILLS**

RDBMS : Oracle8, MS Access  
LANGUAGES : Turbo C, C++ (USING ODD & UML), J2EE, and VB  
OS : WINDOWS 95,98,2000  
Web : HTML, DHTML, XML, VBScript, JAVA Script, and ASP  
Conceptual : Client\ Server Technology and implementation module of Networking & Practical

### **PERSONAL PROFILE**

Name : Dr. Munesh Chandra  
Date of Birth : 10<sup>th</sup> Apr 1981  
Father's Name : Shri -Shiv Harsh Narain Trivedi  
Marital Status : Married  
Sex : Male  
Nationality : Indian



**Place: Ghaziabad, India**

Dr. Munesh Chandra Trivedi

Date: 12/09/2016