# Curriculum Vitae



**Er. Navnish Goel**
navnishgoel@gmail.com
Mobile +91-9719055570
+91-9808499026

**Objective**
To obtain a position in education that will utilize my knowledge in the field of education system.

**Work Experience: (Total Work Experience-19 Years)**
- Previously worked three years (2003-2006) in software industry.
- Presently working with ***S. D. College of Engineering & Technology, Muzaffarnagar*** as an Assistant Professor in ***Department of Information Technology*** since 06 August '06.

**Academic Profile**
- *Pursing **Ph. D.** (Computer Science & Engineering) from **Uttarakhand Technical University, Dehradun** under the supervision of **Dr. Shashi Kant Verma, GBPIET Pauri Garhwal, Uttarakhand & Dr. Akhilendra Yadav, SRMSCET Bareilly Uttar Pradesh.***
- ***Master of Technology** (Information Technology) with First Class (83%, Grade A) from Karnataka State Open University, Mysore, in the session 2008 to 2010.*
- ***Bachelor of Engineering** (Computer Science & Engineering) with First Class (68%) from S. D. College of Engineering & Technology Muzaffarnagar (Ch. Charan Singh University Meerut), in the session 1999 to 2003.*

**Online Course achievement**
- ***"Fundamentals of Digital Image and Video Processing" by Northwestern University on Coursera**. Grade Achieved: 71.7% Certificate earned on August 22, 2017.*
- *Online **Faculty Development Programme** certification course of 8week on **"Data Base Management System"** conducted by **NPTEL - AICTE** earned on Aug - Sep 2018.*
- *Online certification course on **"Programming for Problem solving (KCS 101 - 201), conducted by E & ICT Academy, IIT Kanpur".***
- *Online certification course on **"MATLAB and Simulink in Engineering Education, conducted by E & ICT Academy, IIT Kanpur".***
- *Online certification course on **"Computer System Security, conducted by E & ICT Academy, IIT Kanpur".***

**Subject Taught**
Artificial Intelligence**,** Digital Image Processing**,** Data Base Management System**,** Information Security & Cyber Law**,** Cyber Security**,** Human Value and Professional Ethics, Pattern Recognition etc.

**Administrative Experience**
- Worked as admission cell committee member.
- Worked as www.sdcetmzn.org website designing.
- Coordinator, Universal Human Value Cell (UHVPE).
- Co-Coordinator, final year student projects.
- Worked as paper setter, theory examiner for C. C. S. University, Meerut (U.P.).
- Worked as theory examiner for UPTU, Lucknow (U. P.).
- Coordinator, Electoral Club for newly enrolled Student's Voter ID.

**Technical Experience**

- Programming Language : C / C++ / MATLAB / PROLOG
- Data Base : Oracle
- Office : MS Word, MS Excel, MS PowerPoint

**Books Published**

- Industrial Psychology for B. Tech. 2nd Year (Taught in all Branches) with A. B. Publication New Delhi / Noida, ISBN: 938044487, ISBN-13: 9789380444086
- Computer Graphics for B. Tech. III year CS/IT & MCA with Shubham Publication New Delhi.
- Cyber Security for B. Tech. 3rd year (Under Processing).

**Membership**

- Associated Member (AMIE) of "The Institution of Engineers (INDIA) – IEI KOLKATA".
- Member of Computer Science Teachers Association (CSTA), Membership ID-6404527.
- TPC in ICCSEA 2020: 2020 International Conference on Computer Science, Engineering and Applications Department of CSE & CST, GIET University Gunupur.
- Senior member of the IACSIT, Membership No.-80342304, www.iacsit.org
- Member of editorial board of International Journal of Soft Computing and Engineering.
- Member of International Associations of Engineers (IAENG Member No: 114944).
- Reviewer Member in International Journal of Computer Science and Security (IJCSS).
- Editorial Members of IJCSIS Technical Review Committee.
- Editorial Member of Review Board in Journal Information Technology in Education (ISSN: Online 1539 - 3585).
- Technical Program Committee Member of (1st IEEE Int. Conf. Intelligent Systems and Information Management ICISIM-2017) DOI 10.1109/ICISIM.2017.8122135
- Conference Paper Reviewer for CUP 2016.
- Reviewer for International Journal of Information Technology.
- Reviewer for Acedemia.edu
- Reviewer / Committee Member of (6th International Conference on Advances in Computing and Data Sciences (ICACDS)-2022.
- Reviewer for International Conference AKCE-2022 organized by RKGIT Ghaziabad.

**Research Paper Published in International / National Journals**

**https://scholar.google.co.in/citations?user=Woim6OgAAAAJ&hl=en**

1) A research paper titled **"Information Security: Encryption & Decryption with Poly Alphabetic Substitution Method"** International Journal of Computer Science and Communication (ISSN 0973-7391), Volume - II, Number-I of March 2011.
2) A research paper titled **"4G-The Next Dimension of wireless communication"** published in Global Journal.
3) A research paper titled **"Chaffing and winnowing without using Steganography and encryption technique",** International Journal of Information Technology & Knowledge Management Vol-IV, Number-I (IJITKM) of May 2011.
4) A review paper titled **"E-Waste: A Hidden Threat to Global Environment & Health"** VSRD International Journal of Computer Science & Information Technology (ISSN 2231-2471) Vol. 2 March 2012, No. 3.
5) A research paper titled **"Data Mining Technique with Crossbreeding Neural Network: LVQ and Hopfield"** Scholedge International Journal of Multidisciplinary & Allied Studies, Vol. 1, Issue 2 (November 2014) ISSN- 2394-336x.
6) A research paper titled **"Medical Image Processing – A Review"** **DOI: 10.1109/CIPECH.2016.7918737 IEEE Explore.**
7) A research paper titled **"Breast Cancer Segmentation Recognition using Explored DCT-DWT based Compression"** Recent Patents on Engineering, in ***Scopus Index Bentham Science Publishers.*** **DOI: 10.2174/1872212115666201230091919**

**Paper presented in International Conference / National Conference**

| | | | |
|---|---|---|---|
| Research Paper Published in Reputed Journals: | | 07 | |
| Paper Presented in conference | : | 25 (National) | + 8 International |
| Conference Attended / Participated | : | 11 (National) | + 3 International |
| Workshop Attended National | : | 09 | |
| TEQIP / ATAL STP / FDP | : | 14 | |

**Paper Attended & Participated in International / National Conference**

**Year 2006**

**1)** Attended a National Conference on "Recent Trends in science, Technology & it's application" organized by S.D. College of Engineering & Technology, 17th Nov 2006, Muzaffarnagar.

**Year 2007**

**2)** Attended a National Seminar (sponsored by ICSSR, New Delhi & CST, Lucknow) on "Public Participation for environmental control" organized by S. D. College of Engineering & Technology, 07th April 2007, Muzaffarnagar.

**Year 2008**

**3)** Participated a paper entitled "4G: The Forth Generation" National Conference organized by SRM College of Engineering & Technology, 06-07 Sep 2008, Bareilly, during NCAMSTM 2008.

**Year 2009**

**4)** Attended a National Conference on "Advanced Computing and Communications Technology" organized by ABS Engineering College, Ghaziabad, 06-07 Feb 2009.

**5)** Attended a National Conference on E-Learning: "E-learning - A New Technology to Learned" organized by Center for Development & Technology CDT foundations on 09-10 Sep 2009.

**6)** Participated a paper entitled "Blu -Ray Disk", 1st Inter National Conference on "Recent Trends in Technology, Management and Environment" organized by S. D. College of Engg & Technology, SDCMS, 28-29 Oct 2009.

**Year 2010**

**7)** Attended a National Conference on Cloud Computing sponsored by All India Council for Technical Education New Delhi & organized by Dept. of CSE, College of Engineering and Technology (CET) in association with CET and IFTM on dated 27 June 2010.

**Year 2011**

**8)** Attended a National Conference on "Trends in Signal Processing & Communication" on the dates: 10th -11th March 2011 organized by IEEE U.P. & Delhi Section at Bhagwant institute of Technology.

**9)** Attended an International Seminar Sponsored by UGC and Organized by J. V. Jain (Degree) College, Saharanpur" on dated 12th -13th March 2011.

**10)** Participated a paper entitled "Contemporary Computer Viruses as a Threat to Universe" in the National Conference organized by DRDO, AIEEE, Rajasthan College of Engineering for Women, Jaipur on dated 13-14 May - 2011.

**11)** Participated a paper entitled "A Short Message Service in Mobile Technology" in the International Conference organized by University of Petroleum & Energy Conversion Dehradun 14–16 June 2011.

**Year 2012**

**12)** Attended a National Conference on "Woman Potential Resource" on the dates: 3rd November 2012 organized by SDCET Muzaffarnagar.

**Year 2013**

**13)** Attended an International Seminar on "Constitutional Evolution in India: Contemporary Perspective" on the dates: 22 - 24 Feb 2013 by SRGC Muzaffarnagar sponsored by ICSSR.

**Year 2015**

**14)** Attended National Conference on "Current Research Trends in Cloud Computing & Big Data" on the dates 6th - 7th Feb 2015 in association with NIELIT, CSI by Jaipur National University, Jaipur.

**Paper Presented in International / National Conference**

**Year 2008**

**1)** Presented a paper entitled "High Definition Tele Vision" 4th National Conference (sponsored by ICSSR, New Delhi & CST and Lucknow) on "Recent Strategies of Management, Technology and Environment Control" by S. D. College of Engineering & Technology, 09 - 10 Feb 2008, Muzaffarnagar.

**Year 2009**

**2)** Presented paper entitled E-waste: "A growing environment problem", 1st International Conference on "Recent Trends in Technology, Management and Environment" by S. D. College of Engineering & Technology & SDCMS, 28-29 Oct 2009, Muzaffarnagar.

**3)** Presented paper entitled "Intelligent tutoring system for E-Learning" International Conference on "Recent Trends in Technology, Management and Environment" by S. D. College of Engineering & Technology and SDCMS, 28-29 Oct 2009.

**4)** Presented paper entitled "Cloud Computing: An Introduction" in the 5th National Conference on "Issues & challenges in Cloud Computing" by Institute of Management & Research, Ghaziabad on November 14, 2009.

**Year 2010**

**5)** Presented paper entitled "4G: An Ultimate Wireless Solutions" in the National Conference organized by Haryana Engineering College" 19-20 Feb 2010.

**6)** Presented paper entitled "Discarding Policies for High Speed Network" in the National Conference organized by Haryana Engineering College" 19-20 Feb 2010.

**7)** Presented paper entitled "A Tutorials on Cloud Computing" in National Conference on Emerging Trends in Advanced Computing & Informatics (CICON-2010) at School of Computer Engineering & IT, Shobhit University, Meerut, UP, India. May 8-9, 2010.

**8)** Presented paper entitled "Ease of Mobility in Wireless Environment" organized a National Conference by IIMT Meerut, UP, India. May 13, 2010.

**Year 2011**

**9)** Presented paper entitled "Ease of Mobility in Wireless Environment" organized a National Conference by IIMT Meerut, UP, India. May 13, 2010

**10)** Presented paper entitled "E-Learning for Rural Development in India" in the National Conference organized by SDCET, SDCMS, Muzaffarnagar" on dated 05th - 06th February 2011.

**11)** Presented paper entitled 4G: The "Next Dimension" of Wireless Communication" in the National Conference organized by Amrapali Institute of Technology & Science, Haldwani" on dated 05-March-2011.

**12)** Presented paper entitled "E-Learning: Technology Insights for Rural Connectivity in India" in the

National Conference organized by AICTE, Vidhya Engineering College Meerut on dated 02-03 April 2011.

13) Presented paper entitled "Study on Cloud Computing with types and its Services" in the National Conference organized by RKGIT for Women, Ghaziabad on dated 09– Sep - 2011.

**Year 2012**

14) Presented paper entitled "Digital Watermarking: Protection Phenomena" in the 2nd National Conference on Innovative & Emerging Technologies in computer Methodology-2012 organized by CSE & IT DEPT MARUDHAR ENGINEERING COLLEGE, BIKANER on dated 24 Nov-2012.

15) Presented paper entitled "Network Security and Cryptography Methods Against Impending Virtual World" in the International Conference on Advancements in Computer Applications and Software Engineering (CASE-2012) organized by MEWAR University Department of Computer Application, held on 21-22 December 2012 Chittorgarh.

16) Presented and Published a paper entitled "Image Compression Technique: A Review" in the International Conference on Advancements in Computer Applications and Software Engineering (CASE-2012) organized by MEWAR University Department of Computer Application, held on 21-22 December 2012 Chittorgarh.

**Year 2013**

17) Presented and Published a paper entitled "Nano Technology: A New Concept in Today ERA" in the National Conference on Computer Science by D.A.V. College Department of Mathematics and Computer Science, held on 19 March 2013.

**Year 2014**

18) Published a paper entitled "Biometrics - A Science of Human Recognition" in the Int. Conf. on Advances in Computing Communications & Informatics (ICACCI-2014) by College of Roorkee Engineering Roorkee.

**Year 2015**

19) Published a paper entitled "Information Security along with Biometricryptographic phenomena" in the 2nd International Conference on VLSI, Communication and Networks (VCAN-2015) 18-19 April 2015 Department of Electronics & Communication Engineering Institute of Engineering & Technology, Alwar (Raj.)

**Year 2016**

20) Presented and Published a paper entitled "Cyber Security: A Skill Development Perspective in India" in the National Conference on Skill India Initiative: Challenges, Opportunities & Strategies" by S. D. College of Engineering & Technology and SDCMS, 27-28 Feb 2009.

21) Presented a paper entitled "Cyber Security – A Rising Concern in India with skill enhancement" organized by D.A.V. College Muzaffarnagar, held on 29 March 2016.

22) Presented paper entitled "Cyber Security – A Skill Development Perspective in India" in the National Conference organized by S. D. College of Engineering & Technology at 27-28 Feb 2016.

23) Presented paper entitled "Medical Image Processing – A Review" in the Second IEEE International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH-16) organized by IEEE UP Section and KIET Ghaziabad at 18-19 November 2016 DOI: 10.1109/CIPECH.2016.7918737.

**Year 2017**

24) Published a paper entitled "Security Concern over Cloud Computing – A Review" in the National Conference on Recent Trends in Electronics & Electrical Engineering (NCRTEEE-2017) organized by Indraprastha Engineering College, Ghaziabad, 16 Feb 2017.

25) Presented and published a paper entitled "Filtration Denoising Techniques for Medicine Images - A Review" in the National Conference on Convergence of Technology and Management for Advancing India" organized by S. D. College of Engineering & Technology, 25-26 Feb 2017.
26) Presented and published a paper entitled "Noise Removal Approaches for Medicine Images" in the National Conference on current trends in applied sciences (NCCTAS-2017) organized by Faculty of Science J. V. Jain College Saharanpur 18-19 March 2017.

**Year 2018**

27) Presented and published a paper entitled "Machine Learning Approaches for Denoising Ultrasound Medical Images- A Review" in the National Conference on the theme "Information Technology for Business Transformation" ITBT18 organized by Ajay Kumar Garg Engineering College, Ghaziabad 09-10 March 2018.
28) Presented and published a paper entitled "Artificial Intelligence in Medical Healthcare: Past, Present and Future" in the National Conference on Technology and Environment Management for smart India" organized by S. D. College of Engineering & Technology, 21-22 Apr 2018.

**Year 2019**

29) Presented and published a paper entitled "Recent Trends in Internet of Things (IOT) & Security concern" in the 6th National Conference on the theme "Information Technology for Business Transformation" ITBT19 08th -09th Nov 2019 organized by Ajay Kumar Garg Engineering College, Ghaziabad AKG Ghaziabad.
30) Presented a paper entitled "A Tsunami of E-Waste towards Global Environment and Human Health" in the All India Seminar on "Waste to energy Technology" 23th -24th Nov 2019 organized by IEI (India) MP State Centre.
31) Published a paper entitled "Security Concern on Internet of Things (IOT) – A Review" in the International Conference on IC-GAMTC Global advancement in Technology, Management & Communication" organized by IIMT Greater Noida 06-07 Dec 2019.

**Year 2022**

32) Published a paper entitled "Utility of Artificial Intelligence for Respiratory Diseases identification throughout COVID-19 Pandemic – A Review" in the National Conference on Advanced research trends in engineering (NCARTE-2022) organized by SRMS Bareilly 25-26 March 2022.
33) Published a paper entitled "Solution for Household WEEE Collection and Segregation Using Applications of Artificial Intelligence" in the National Conference on "MANAGEMENT & TECHNLOGY FOR SUSTAINABLE DEVELOPMENT" (LOCAL TO VOCAL) organized by S. D. College of Engineering & Technology, 21 – 22 May 2022, Muzaffarnagar.

**Workshop attended in International / National Level**

**Year 2009**

1) Attended a workshop entitled Application of advanced Techniques in Research Methodologies Organized by SDCMS & SDCET, MZN on 14 Feb 2009.
2) Attended a workshop Organized by Microsoft Corporation on Advanced Developer Technologies, 09-April- 2009.

**Yea1r 2010**

3) Coordinated as **Event Coordinator** in zonal Rounds of **ROBOTRYSTS' 2010** held on April 6-7 2010 at S. D. College of Engineering & Technology in association with Magnum Opus' 10 **IT-BHU.**

**Year 2012**

4) Attended a workshop entitled **Information & Communication Technologies** Organized by Tara Chand Vedic Putri Degree College on 13 April 2012.

**Year 2014**

**5)** Attended a workshop entitled Role of Intermediate Science Teacher in Technical Education Organized by SDCET on 14 Dec 2014.

**Year 2015**

**6)** Coordinated on **Automation (PLC & SCADA), Android** held on March 2-3 2015 at S. D. College of Engineering & Technology in association with IIT Kanpur, TECHKRITI & CEPTA INFOTECH**.**

**Year 2016**

**7)** Attended a Symposium on Research Trends in Machine Learning 2016 on November 5$^{th}$ at UPES Dehradun.

**Year 2017**

**8)** Attended a workshop on Cyber Security on September 4 – 5 at S. D. College of Engineering & Technology Muzaffarnagar.

**9)** Attended a Symposium on Research Trends in Machine Learning 2017 on December 21$^{th}$ at UPES Dehradun.

**FDP**

**Year 2016**

**1)** Attended eight days Faculty Development Program on **'Human Values and Professional Ethics'** Organized by the APJ AKTU Lucknow a workshop and conduct by **Value Cell, AKTU at IIT Kanpur** from 15 to 22 Jan 2016.

**2)** Attended seven days Faculty Development Program on **'Vision, Graphics and their Applications'** Organized by the **Computer Science & Engineering IIT Roorkee and sponsored by AICTE at QIP Centre IIT Roorkee** from 04 to 08 July 2016**.**

**Year 2017**

**3)** Attended six days AICTE sponsored Short-Term Courses on **'Engineering Economics'** Organized by **QIP -** CEP Cell IIT (BHU), Varanasi from September 18-23, 2017.

**Year 2019**

**4)** Attended four days Faculty Development Program on **'**Understanding the human being Comprehensively Human Aspiration audits fulfilment**'** Organized by the APJ AKTU Lucknow a workshop and conduct by **Value Cell, AKTU at AKG Ghaziabad** 24/08/2019 to 27/08/2019.

**5)** Attended seven days Faculty Development Program on **'UHVPE - Refreshers Level'** Organized by the APJ AKTU Lucknow a workshop and conduct by **Value Cell, AKTU at ABES Ghaziabad** from 12$^{th}$ to 19$^{th}$ Jan 2020.

**Year 2020**

**6)** Participated & completed successfully one-week TEQIP-III sponsored Faculty Development Program on **"Cyber Security"** organized COER Roorkee from 13$^{th}$ to 17$^{th}$ July 2020**.**

**7)** Participated & completed successfully 3 days TEQIP - III sponsored Faculty Development Program on **"Artificial Intelligence and Machine Learning Using Python"** organized Rajasthan Technical University, Kota Anand International College of Engineering from 10$^{th}$ to 12$^{th}$ September 2020**.**

**8)** Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online** FDP on "**Medical Image Processing and Deep Learning Technologies**" from 21$^{th}$ to 25$^{th}$ Sep 2020 at **PANIMALAR INSTITUTE OF TECHNOLOGY**.

**9)** Participated & completed successfully one-week AICTE sponsored Short Term Training Program under AQIS on **"Data Science"** organized Dept of Information Technology Noida Institute of Engineering and Technology Greater Noida from 12$^{th}$ to 17$^{th}$ October 2020**.**

10) Participated & completed successfully six days AICTE sponsored Short Term Training Program on **"Trends and Challenges in Medical Image Analysis Through Deep Learning Algorithms" - Phase-I'** organized Dept of Electronics and Instrumentation Engineering from 26th to 31th October 2020**.**
11) Participated & completed successfully six days AICTE sponsored Short Term Training Program on **"Trends and Challenges in Medical Image Analysis Through Deep Learning Algorithms" - Phase-II'** organized Dept of Electronics and Instrumentation Engineering from 07th to 12th Dep 2020.
12) Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online** FDP on "**Artificial Intelligence**" from 14th to 18th Dec 2020 at **ABES Engineering College**.
13) Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online** FDP on "**Artificial Intelligence**" from 21th to 25th Dec 2020 at **Kalinga Institute of Industrial Technology**.
14) Participated & completed successfully AICTE Training and Learning (ATAL) Academy **Online Elementary** FDP on "**Artificial intelligence in Biomedical Engineering: Current trends and future**" from 05th to 09th July 2021 at **Sant Longowal Institute of Engineering and Technology, Longowal**.

**References**

1) Mr. Sudhir Sharma, **Principal (Retired) Technical Officer, Central Building Research Institute (CBRI) Roorkee**.
2) Prof. (Dr.) Akhilendra Singh, Head of Dept **Electrical Engineering SRMSCET Bareilly**.
3) Prof (Dr.) Brij Mohan Singh, Director, College of Engineering Roorkee, Roorkee.

**Personal details**

| | | |
|---|---|---|
| Father's Name | : | Late Sh. Ajit Kumar Goel |
| Mother's Name | : | Smt. Mirdula Goel |
| Date of birth | : | Dec 7th, 1981 |
| Marital Status | : | Married |
| Nationality | : | Indian |
| Religion | : | Hindu |
| Address | : | 104, Gadriyan, Saraffa Bazar<br>Muzaffarnagar U. P. (INDIA) |

**All the information given above is true to the best of my knowledge.**

Date & Place: **Er. Navnish Goel**