

**MEENAKSHI KONDAL****Assistant Professor**

Department of Computer Science and Application

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**Educational Qualifications****Ph.D. in Machine Learning (Pursuing)**

**M.Phil. (Computer Science)** Department of Computer Science and Application from Chaudhary Devi Lal University, Sirsa, India.

**MCA (Master of Computer Applications)** from Maharshi Dayanand University, Rohtak, India.

**Teaching/Research Experience**

- 23<sup>th</sup> July 2014 to till date as Assistant Professor in Department of Computer Science and Applications in GGDSD College, Sector 32 - C, Chandigarh.
- 13<sup>th</sup> August 2013 to 5<sup>th</sup> May 2014 as Assistant Professor in Department of Computer Science and Applications in GGDSD College, Kheri Gurna, Banur, Tehsil Rajpura, Distt. Patiala.
- 09<sup>th</sup> July 2003 to 13<sup>th</sup> April 2013 as Regular Unaided Lecturer in Computer Science and Application in Dev Samaj for Women, Sector45-B Chandigarh.

**Areas of Interest**

RDBMS, Data Mining, Programming Languages C/C++, Machine Learning

**Publications  
(Journal/Book Chapters)****Journal Publications:**

- Published a research paper "An Efficient 5Layer CNN Augmentation for Facial Emotion", pp 992-1007, Vol. 33, Issue 1, 25 April 2025 in International Journal of Science, Mathematics and Technology Learning. ISSN: 2327-7971, (Print) ISSN: 2327-915X (Online).
- Published a research paper "A Comparison of 5 Layer and 8 Layer CNN Data Augmentation for Facial Emotion Recognition", pp 1-11, Vol. 26, Issue 2, 01 May 2025 in Machine Learning. Print ISSN: 0885-6125 | Electronic ISSN: 1573-0565.DOI: <https://doi.org/10.5281/zenodo.15429764>
- Published a research paper "Methodical Review of Deep Learning Macro and Micro Face Emotion Detection ", Vol 16, Issue 5 December 2024 in International Journal of Communication Networks and Information Security. ISSN: 2073-607X,2076-0930.
- Published a research paper "Comparative Analysis of Tin eye and Google Reverse Image Search Engines", Vol 7, Issue 3 March 2022 in International Journal of Innovative Science and Research Technology. ISSN No: -2456-2165.

**Book Chapters:**

- Published a chapter "Cloud Computing Impact on Corporate Sector" in Emerging Economies as Challenges and Opportunities. Volume 1, pp 207-211, March 2011, ISBN 946-94 -81042-21-2.
- Published a chapter "Eco Friendly Computing Is Green Computing" in Web Information System and Technologies. pp 285-289, November 2011, Published by Twenty first century, Patiala, Punjab. ISBN 978-93 -80144-22-1.

**Seminars/  
Conferences/Symposiums  
(Paper Presented)**

- Presented a research paper titled “Systematic Study of Deep Learning Macro and Micro Face Emotions Detections” at the International Conference on Computing Advance in AI and Machine Learning organized by the Department of Computer Science and Application, Punjab University, Chandigarh from December 16-17,2024.
- Presented a paper titled “The Role of Media use to Predict Attitudes toward Facial Recognition Technology” at the National Seminar on Media, Culture and Freedom: Past, Present and Future held on 28<sup>th</sup> September 2023 at GGDSD College, Sector 32- C, Chandigarh.
- Presented a research paper “E-Governance is Process to Measure Country’s Progress” in UGC Sponsored National Conference on emerging trends in Computing and Information Technology by PG Department of Computer Science and Information Technology on 5<sup>th</sup> March 2011.
- Presented a paper entitled “Cloud Computing” in International Conference on Emerging Economies as Challenges and Opportunities held at Gian Jyoti Institute of Management and Technology, Phase 2, Mohali on 18-19 March, 2011.
- Presented a research paper “Eco Friendly Computing” in UGC Sponsored National Seminar organized by Department of Computer Science at Post Graduate Government College for Girls, Sector -11, Chandigarh on 9<sup>th</sup> Nov 2011.

**Refresher  
Courses/Workshops/  
Training  
Programmers**

- Participated in Online NEP2020 Orientation and Sensitization Programme from 16.1.2024 to 26.1.2024 under Malaviya Mission Teacher Training Programme of University Grants Commission organized by UGC-Malaviya Mission Teacher Training Centre, Punjab University, Chandigarh.
- Participated in One Day National Workshop on “National Language Processing” conducted on 27<sup>th</sup> March, 2024 organized by the Department of Computer Science and Application, Punjab University, Chandigarh.
- Participated in IP Awareness Training Program under National Intellectual Property Awareness Mission on April 26, 2023 organized by Intellectual Property Office, India.
- Participated in Microsoft Learn for Educators Foundation AI Bootcamp Training Workshop from 18 -20 December 2024 organized by National Institute of Technical Teacher Training and Research, Chandigarh, Ministry of Education, Government of India.
- Participated in One Day Workshop on “Advancement in Machine Learning and Artificial Intelligence” organized by Bioinformatics Club, Punjab University on March 29, 2022.
- Participated in One Week National Workshop on “Research Methodology and Data Analysis” organized by Maharaja Agrasen University on July 18-23, 2022.
- Attended Workshop on “Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs” organized by IIC MAIT, Maharaja Agrasen University on 4<sup>th</sup> August, 2022.
- Attended Workshop on “Lean Start Up and Minimum Viable Products/Business” organized by IIC MAIT, Maharaja Agrasen University on 8<sup>th</sup> August, 2022.
- Attended online Workshop on “How to Plan for Start-up-Legal and Ethical Steps” organized by IIC MAIT, Maharaja Agrasen University in collaboration with Mentee institution under Mentor-Mentee Scheme 2021-22 by Ministry of Education/MoE’s Innovation Cell on 18<sup>th</sup> August, 2022.

- Participated in online National Lecture Series on “Gamification, Machine Learning and IoT & Security” held from 25 May 2020 to 26 May 2020 by PG Department of Information Technology, Punjab University.
- Participated in “College Development Council” Workshop, Punjab University on Goods and Services Tax held on January 20<sup>th</sup> 2018.
- Participated in “ICSSR Workshop on Reforms to Transform India” held on March 27<sup>th</sup> 2018, in GGDSD College, Sector 32-C, Chandigarh.
- Participated in one day Lecture-cum-Workshop on “Indian Research Information Network System” Punjab University, held on December 01, 2018 organized by RUSA U.T. Administration, Chandigarh.
- Participated in the two-day Workshop on “Free/Open-Source Software and Higher Education” held on 19-20 February 2010, organized by the Department of Computer Science and Application, Punjab University, Chandigarh.
- Participated in Training Program of the NSS camp organized by Punjab University in connection with theme “Education, Health and Hygiene” launched by Ministry of Youth Affairs and Sports, Government of India from 1-10-10 to 7-10-10.

#### **Certifications**

- Certified for Predictive Analytics using IBM SPSS Modeler – Advance Course.
- Certified for Microsoft Learn for Educators Foundational AI.

#### **Administrative Experience**

- Worked on NAAC criteria 4.0.
- Worked as a member of Bioinformatics Club.
- Member of Time-table uploading in TCS portal.
- Member of Admission verification forms.

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