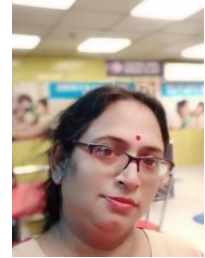Work address
 Dream Institute of Technology

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Dr. Anindita Mukherjee

Objective: To work in an Organization/Institution with a professional work driven environment where I can utilize and apply my knowledge, skills in research and development position for solving challenging problems in computer vision, machine learning

 Experience: 14 years (teaching):
 i) August 2009– current: Dream Institute of Technology,
                                              Samali, Thakurpukur-104
 Post: Assistant Professor   & HOD of CSE

ii) January 2009 -April 2009: Bengal Institute of Technology (MCA dept.) Assistant Professor
2 years in Industry as a research fellow in National Council of science museum
Role as a Mentor:
 Serving as a mentor to our students sharing their information about his own career path, as well as providing guidance, motivation, emotional support, and role modeling. A mentor may help with exploring careers, setting goals, developing contacts, and identifying resources.

Final Year Projects Handled: 7 and more

NBA related: Acquainted with all the criteria and attainment of subjects.
Coordinator in VISHAKA COMMITTEE (Sexual Harassment and related area).
 Member in DISCIPLINARY ACTION COMMITTEE (Student)

Specialization: Machine learning and pattern recognition

Education: **PhD:**
                  Date of registration: 19/08/2015
                  Awarded: 24/05/2021
                  Thesis title: **CONTENT BASED IMAGE RETREIVAL WITH BAG OF VISUAL WORDS**
                  Institute: INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY Shibpur
                  Total no. of Publications: 3 conference
                  Number of SCI approved Journal publications: 1(1 MORE UNDER REVIEW)

                  M.Tech in Computer Science and Application , CALCUTTA
                    UNIVERSITY ,July 200977.4%

                  B.SC (PHYSICS HONS.) CALCUTTA UNIVERSITY 1998 : 2nd class,
                  M.Sc. (APPLIED PHYSICS) SMIT 2001 :1ST CLASS**.**

Publication :
                  BOOK CHAPTER :   A.S. Chowdhury, A. Mukherjee, S.M. Bhandarkar, J.C. Yu:
Computer Vision Based Hairline Mandibular Fracture Detection from Computed Tomography Images, in
Advanced Computational Approaches to Biomedical Engineering, P.K. Saha, U. Maulik, S. Basu (eds.),
Springer-Verlag, Berlin Heidelberg, Germany (2014), 193-212. [Springer Link].

Journals:
1. A. Mukherjee, J. Sil, A. Sahu, A.S. Chowdhury: A Bag of Constrained Informative Deep Visual Words for
Image Retrieval, Pattern Recognition Letters, 129 (2020), 158 - 165. [Reprint]
2. A. Mukherjee, J. Sil, A. Sahu, **A.S. Chowdhury:** Retrieval and Part Matching in Images with Bag of
Variational Deep Embedded Visual Words, *ACM Trans. Multimedia Comput. Commun. Appl.* (under
revision)

Conference:
   1. A. Mukherjee, J. Sil, A.S. Chowdhury: A Bag of Constrained Visual Words Model for Image
      Representation, Third International Conference on Computer Vision and Image Processing
      (CVIP), B. B. Chaudhuri et al. (eds.), Springer Advances in Intelligent Systems and Computing,
      Vol. 1024, pp. 1- 14, Jabalpur, India (2018), 403 - 415.
   2. A. Mukherjee, J. Sil, A.S. Chowdhury: Image Retrieval using Random Forest based Semantic
      Similarity Measures and SURF based Visual Words, Second International Conference on
      Computer Vision & Image Processing (CVIP), B. B. Chaudhuri et al. (eds.), Springer Advances in
      Intelligent Systems and Computing, Vol. 703, Noida, India (2017), 79 - 90.
   3. A. Mukherjee, S. Chakraborty, J. Sil, A.S. Chowdhury: A Novel Visual Word Assignment Model
      for Content Based Image Retrieval, First International Conference on Computer Vision and
      Image Processing (CVIP), B. Raman et al. (eds.), Springer Advances in Intelligent Systems and
      Computing, Vol. 459, Roorkee, India (2016), 79-87.

      Undergraduate course topics taught till now: Taught all subjects mentioned in MAKAUT old
      and new syllabus and   presently teaching machine learning and pattern recognition etc.

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