BEANT KAUR

Beant Kaur
Email- sandhu.beant@gmail.com

Objective :

Aiming to achieve a challenging & professional position from where I can make a significant contribution to the organization in the form of my dedication by using all my skills, knowledge and hardworking.

Academic Qualification :

Educational qualification	College/school	Board/university	result
Ph.D	University College of Engineering,Patiala	Punjabi University,Patiala	Pursuing (course work completed-A grade)
M.Tech in ECE	MMEC,Mullana	Maharishi Markandeshwar University,Mullana	9.61 CGPA
B.Tech. in Electrical & Electronics Engg.	Haryana College of Tech. & Mgmt., Kaithal	Kurukshetra University,Kurukshetra	77.41%
Three year Diploma in Electronics & comm. Engg.	Satguru Ram Singh Govt. Polytechnic College for Women,Ludhiana	The Punjab State Board of Technical Education & Industrial Training, Chandigarh	76.06%
Matriculation	New Daffodils Public High School, Patiala	Punjab School Education Board, Mohalli	78.08%

Work Experience:

1)Presently working as Assistant Professor in Department of Electronics and Communication engg.Punjabi University, Patiala (contract basis) from July 2011 till now.
2) Worked as Assistant Professor in RIMT -MAEC, Mandi Gobindgarh from July 2009–July 2011.
3) Worked as lecturer in RIMT Polytechnic College, Mandi Gobindgarh from July 2008-July 2009.

Workshop Attended:

1)One week National Workshop on Digital Image Processing using MATLAB, organized by Department of Computer Science, Punjabi University, Patiala (29 November to 5 December, 2012).
2) One day workshop on Practical aspects on the importance of patents in Research organized by IPR-cell (12 February, 2013).

Achievements :

1) Stood **first** in Three years Diploma.
2) Stood **first** in B.Tech.
3) **Gold medalist** in M.tech.
4) Awarded as **Best Student** in Govt. Polytechnic College, Ludhiana (Diploma).

5) **Appreciated** for conducting technical & cultural activities in RIMT –MAEC, Mandi Gobindgarh.
6) Got Citation and **Award** Certificate for Paper Presentation in International Conference on Control, Communication and Computer Technology held at Chandigarh on 24th March 2013.

Papers Published:

1) "Security Systems: Presesnt Status & Future Prospects", *International conference on Emerging Trends in Electronics & communications on 11 September, 2009 at page 9.3* in Indo Global Colleges, Abhipur, Mohalli.

2) "Comparative Analysis of Image Enhancement Techniques", *National Conference on Advances in Digital Signal Processing NCADSP-2010,October 22-23,2010 at page 79-81 in Chitkara Engineering college, Rajpura*

3) "Mathematical Morphological Edge Detection for Remote Sensing Images*", National Conference on Advanced Communication & Instrumentation Engineering on 11 November 2010 at page 246-248 in Indo Global College, Abhipur, Mohalli.*

4) "Mathematical Morphological Edge Detection for Remote Sensing Images", *International Journal of Electronics and Communication Technology (IJECT) Vol 1 issue 1, December 2010, ISSN: 2230-7109 at page 29-33.*

5) "Comparative Study of Different Edge Detection techniques", *International Journal of Engineering Science & technology (IJEST), ISSN: 0975-5462 at page1927-1935.*

6) "Mathematical Morphological Edge detection for remote sensing images", *2011 International Conference on Network and Computer Science (ICNCS 2011) sponsored by IACSIT, and hosted by Vi Institute of Technology, Chennai and Marthandam college of Engineering and Technology, and technically co-sponsored by IETE Trivandrum-Nagercoil PAC and IEEE on April 8-10 at page V5-330-333.*

7) *"Mathematical Morphological Edge Detection for Different Applications: A Comparative Study" International Journal of Computer Science and Technology (IJCST) vol.2, issue.2, 2011, ISSN: 0976-8491 (online), 2229-4333 (print)*, published in June, 2011.

8) "Detection of Edges Using Mathematical Morphology for X-Ray Images", *Research Cell: An International Journal of Engineering Sciences" ISSN: 2229:6913, issue December 2011, volume 5*

9) "Study and Analysis of Defect Detection in Printed Circuit Boards using Image Subtraction Method", *International conference on Control, Communication and Computer Technology, 24 March 2013, Chandigarh, ISBN No.978-93-82208-76-1,pp.15-18*

10) "Applications of Mathematical Morphology in Image Processing: A Review", *International Journal of Electronics and Communication Technology, Vol. 4, Issue Spl - 3, April - June 2013.*

11) "Applications of Image Processing", *International Conference on Electrical, Electronics and Computer Engineering, organized by IRAJ,25 August, 2013. pp.27-30*

12) " Detection of Edges Using Image Processing: Literature Review", *International Conference on Emerging Technologies in Electronics and Communication ,Organised by Guru Nanak Dev University, Amritsar, 20-22 december 2013, pp. 19-25*

13) "Biometrics as a tool for identification", *National Conference on Emerging Horizons in Science and Technology, organised by Sri Guru Granth Sahib World University , Fatehgarh Sahib, January 17-18,2014*

14) "Applications Of Fuzzy Image Processing : A Review", *National Conference on Emerging Horizons in Science and Technology, organised by Sri Guru Granth Sahib World University , Fatehgarh Sahib, January 17-18,2014.*

15) "Image Enhancement Using Fuzzy Logic:A Review", *National Conference on Emerging Horizons in Science and Technology, organised by Sri Guru Granth Sahib World University , Fatehgarh Sahib, January 17-18,2014.*

16) "Applications of Image Processing Using Fuzzy Logic", *National Conference on Emerging Horizons in Science and Technology, organised by Sri Guru Granth Sahib World University , Fatehgarh Sahib, January 17-18,2014.*

17) " Detection And Classification of Defects in Printed Circuit Boards", *17th Punjab Science Congress , Organised by- Punjab Technical University , Jalandhar, February 14-16,2014, pp. 242-243.*

18) "A Unique Identification through Biometrics : Literatur Review", *17th Punjab Science Congress , Organised by- Punjab Technical University , Jalandhar, February 14-16,2014, pp. 240-241.*

19) " Applications of Image Processing with fuzzy logic: A Review", *17th Punjab Science Congress , Organised by- Punjab Technical University , Jalandhar, February 14-16,2014, pp. 245*

20) "Detection and Classification of Printed Circuit Board Defects Using Image Subtraction Method", *IEEE sponsored International Conference on Recent Advances in Engineering and Computational Sciences ,Organised by University Institute of Engineering & Technology ,Panjab University, Chandigarh, March 6-8 ,2014*

21*) "A Review of Denoising Filters in Image Restoration", International Journal of Current Research and Academic Review, Volume 2 Number 3, 2014, pp. 83-89*

22) "Detection of defects in Printed Circuit Boards using Fuzzy Logic and Correlation Coefficient", International Journal of Engineering And Management Research,*Volume-4,issue-4, August 2014, ISSN No. 2250-0758, pp.143-146*

23*) " Fuzzy Based Defect Detection in Printed Circuit Boards", SOP Transactions on Signal Processing(in press)*

24*) " Use of Fuzzy Logic in Various Applications of Digital Image Processing", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 3, March 2014, pp.571-574.*

25*) "Edge detection of MRI Images Using Morphological Operators", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4,Issue 4,April 2014,pp.1023-1027*

26*) " Detection of Edges Using Mathematical Morphological Operators", Open Transactions on Information Processing, Volume 1,number 1, May 2014,pp.17-26*

27*) " Edge detection of MRI images using traditional operators", International Journal of Innovative Research and studies, Volume 3, Issue 4, April 2014,pp.549-555.*

28*) "Detection and Classification of Printed Circuit Boards Defects", Open Transactions on Information Processing, Volume 1,number 1, May 2014,pp.17-26, pp. 8-16*

29*) "Image edge detection using self adaptable bacterial foraging optimization algorithm a review", International Journal of emerging research in management and technology,Vol. 4, issue-4,pp.72-77, April 2015*

30) " Probability Based Image Edge detection using modified PSOGSA algorithm", *The Research Journal: A Unit of 12OR, Vol. 1,Issue 1,May-June 2015*

31)" Probability Based Image Edge detection using modified PSOGSA algorithm: A Review", *International Journal of emerging research in management and technology,Vol.4, Issue-7,July-2015*

32) " Image Quality Assesment Using Self-adaptable Bacterial Foraging Optimization Algorithm", *International Journal of Reseach in Electronics and Computer Engineering, Vol.3 issue 2, April-June 2015,pp.238-241.*

33) " Image Quality Assesment Using Self-adaptable Bacterial Foraging Optimization Algorithm a Review", *International Journal of emerging research in management and technology,Vol.4, Issue-4,april -2015,pp.57-61*

34)"PCB defect detection and classification using image processing ", *International Journal of emerging research in management and technology,Vol.3, Issue-8,august 2014.*

35) "Implementation of Digital Moduation Techniques Using Radio over Fiber for H, Optical Networks ",*International journal of advanced research in computer science,Volume 8, No.4,May-June 2017* .

36) "Dispersion compensations techniques: A Review", *Research Cell: An international journal of engineering sciences, special issue November 2016, vol.20*

37) "Hybrid algorithm analysis for brain tumor detection using segmentation technique with efficient intensity adjustment in MRIimages" , *International Journal for research in applied Science and engineering technology, Vol. 5,issue VIII, August 2017*

38) "Seed Point Localization using quad tree decomposition and active contour" *International Journal for research in applied Science and engineering technology, Vol. 5,I ssue VIII, August 2017*

39) "Detection of edges for medical application using mathematical morphology with multi-directional structuring elements", *International journal of advanced research in computer science,Volume 8, issue 7,july-august 2017*

40) " Application of image processing using computer in detection of defective Printed circuit boards", *International journal of advanced research in computer science,Volume 8, No.5,may june 2017*

41) "Inspection of defective Printed circuit boards using image processing", *Indian Journal of computer science and engineering, Vol.8, No.2, April-may 2017*

42) "Comparative analysis of image registration for Printed Circuit Boards*", International journal of engineering and technology*

Beant Kaur
Assistant Professor
Department of Electronics and Communication Engg.
Punjabi University, Patiala