RESUME

Objective: To excel in the field of computer sciences and to achieve the organizational goal up to maximum satisfaction

Area of Specialization: Image Processing, Medical Imaging

01.	Name in Capital		JYOTI RANI
02.	Permanent Postal Address		P-13 Staff colony GZSCCET Bathinda
03.	(a)	Telephone No.	9417460026
	(b)	E-mail Address	csejyotigill@gmail.com, Jyoti_cse@mrsptu.ac.in
	(c)	Mobile No.	9417460026
04.	Date of Birth		25-09-1976
05.	Father's Name		Sh. Ram Pal
06.	Permanent Residential address		P-13 Staff colony GZSCCET MRSPTU Bathinda
07.	Present Post held		Associate professor and Head
08.	ACADEMIC QUALIFICATIONS (All certificates and DMCs to be attached)		

Degree	Year	College/University	Divisional	% Marks /CGPA	Remarks
Ph.D	2016	Punjabi University Patiala	Pursuing		
M.Tech./March/ MSc	2009	YCOE Talwandi Sabo Punjabi University Patiala	Ist	77.4	
B.E./B.Tech/B. Arch/BSc	Oct 99	SLIET Longowal	Ist	70.1	
10+2	1994	PSEB	2nd	52.7	
10th	1992	PSEB	Ist	75.07	With Distinction

09.	Teaching and Professional Experience (starting from current) Please attach relevant certificates

Position Held	Name of Organization	Period		Nature of Work
		From	To	
Lecturer	MIMIT Malout	2000	2005	Teaching
Assistant Professor	GZSCCET Bathinda	2006	2014	Teaching
Associate professor	GZSCCET Bathinda	2014	Till date	Teaching

		RESEARCH/PROFESSIONAL WORK		
		Title of Thesis	Name and address of Guide	
	(a)	Ph.D	Course work completed	Dr. Jaswinder singh Pbi Univ. Patiala
	(b)	M.Tech.	Similarity detection in medical images	Dr.Jaswinder Singh,Punjabi University Patiala

Thesis/Project Supervision M.E./M.Tech	
S.No	Title:, Student Name:, Univ:, Year:
1	The Bank Loan syste,Jasleen Arora,PTU Jalandhar,2010
2	Online Library system,Sarabjeeet Kaur, PTU Jalandhar,2010
3	Blog Engine,Rajni Goyal and Rupali, PTU Jalandhar,2010
4	Online examination system, Ashu Bansal and Gagandeep Mishra, PTU Jalandhar,2010

Faculty Dev. Programme/Short Term Course Attended			
S.No	Name of the Course	Organiser(s)	Duration (dates)

	1	Role of IT in Technical Education	MIMIT Malout	12-06-2006 to 24-06-2006
	2	EDP &Total Quality Mgmt.	NITTTTR Chandigarh	17-07-2006 to 21-07-2006
	3	Mobile Computing	NITTTTR Chandigarh	24-07-2006 to 28-07-2006
	4	Linux Administration	NITTTR,CHD	18-05-2009 to 22-05-2009 (1 week)
	5	Renewable energy resources	SLIET LONGOWAL	06-07-2009 to 11-07-2009 (1 week)
	6	Earthquake Risk Mgmt for urban and Rural Housing	GZSCCET BATHINDA	06-12-10 to 10-12-10 (1 week)
	7	Welding Roadmap to Excellence	Dr. BRANIT Jalandhar	27-12-10 to 31-12-10 (1 week)

National Workshop/Conferences (Organized)

	S.No	Name of the Conf./Workshop	Duration	Place	Nature of work
	1	Career building	02 Days	GZSPTU Campus	Co-ordinator
	2	Image processing Workshop	02 Days	GZSPTU Campus	Co-ordinator

Expert Lectures/Totorials Delivered

	S.No.	Topic of Lecture	Instt. where delivered	Nature of Audience
	1	DCLD	EDUSAT	UG students

Projects	1	Stegenography in JPEG images, Mehak Garg,PTU Jalandhar,2013
	2	Network Security using Kerbros Algo,Jyoti Khichi, PTU Jalandhar,2013
	3	FIR Filter ,Shivani Jain , PTU Jalandhar,2013
	4	Image slider ,Manvinder Kaur, PTU Jalandhar,2013
	5	Image Fusion ,Beant Kaur, , PTU Jalandhar,2013
	6	Image enhancement in medical images,Anupam Kumar, PTU Jalandhar,2013
	7	Data hiding using color Pallete in stegnography, Gurpreet Singh, PTU Jalandhar,2013
	8	Wireless sensor network ,Monika PTU Jalandhar,2013
	9	Question generation system using rule based approach, Maninder, PTU Jalandhar,2013
	10	A Web based Punjabi to Hindi translation using Rule based approach, Amarpreet Kaur, PTU Jalandhar,2013
Thesis	1	Optimized segmentation for biometric facial applications, Manvinder Kaur, PTU Jalandhar,2014
	2	Named entity Recognition system from a text written in Punjabi language using hybrid approach, Shavi Juneja, PTU Jalandhar, 2014
	3	Watermarking, Jyoti Khichi, PTU Jalandhar, 2014
	4	Content based iage retrieval, Mehak Garg,PTU Jalandhar, 2014
	5	Image restoration, Shivani Jain , PTU Jalandhar, 2014
	6	Adaptive Gamma Correction for image enhancement, Gurpreet Singh, PTU Jalandhar,2014
	7	Digital watermarking comparison of two algorithms, Anupam Kumar, PTU Jalandhar ,2014
	8	Integrated skew detection and correction using FFT algorithm,Neha Watts, PTU Jalandhar, 2013
	9	maximum entropy approach for NER in Punjabi language,Arshdeep Singh, PTU Jalandhar, 2013
	10	Optical Character recognition , Monika PTU Jalandhar, 2014
	11	Automatic question generation system based on rule based approach, Maninder, PTU Jalandhar,2014
	12	A web based Punjabi to Hindi Translation system using statistical approach, Amarpreet Kaur, PTU Jalandhar,2014
	13	An approach to detect stubble burned areas in Punjab by digitally analyzing satellite images, Amandeep Kaur2016 .
	14	MRI brain image enhancement using Histogram Equalization techniques, Hardeep Kaur, 2016
	15	Detecting the image forgery from color images using SURF and DWT, Jasdeep Kaur Dhillon, 2016.
	16	An efficient hybrid approach for secure speech recognition, Jyoti Sharma,2016
	17	Skew Detection and Correction in Text Document Image using Projection Profile Technique, Rubani, 2018.

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