


1.	Name	Ms. Navdeep Kaur														
2.	Designation	Assistant Professor														
3.	Date of Birth	21-03-1984														
4.	Education Qualification	M.Tech (Communication System)  japjideepk@gmail.com														
5.	Work Experience	<p>Teaching and Administrative :</p> <table border="1"> <tr> <td>Assistant Professor , SBSSTC, Ferozepur</td> <td>17/12/2010 to Till Date</td> </tr> <tr> <td>Guru Nanak Dev University , Amritsar</td> <td>2/8/2010 to 16/12/2010</td> </tr> <tr> <td>Shaheed Bhagat Singh State Technical Campus, Ferozepur</td> <td>12/01/2010 to 14/05/2010</td> </tr> <tr> <td>Shaheed Bhagat Singh State Technical Campus, Ferozepur</td> <td>17/08/2009 to 09/12/2009</td> </tr> <tr> <td>Shaheed Bhagat Singh State Technical Campus, Ferozepur</td> <td>21/01/2009 to 15/05/2009</td> </tr> <tr> <td>Dr. B.R Ambedkar NIT , Jalandhar</td> <td>15/10/2008 to 19/12/2008</td> </tr> <tr> <td>Sant Kabir Polytechnic, Fazilka</td> <td>03/04/2006 to 03/06/2006</td> </tr> </table> <p>Research : 07</p>	Assistant Professor , SBSSTC, Ferozepur	17/12/2010 to Till Date	Guru Nanak Dev University , Amritsar	2/8/2010 to 16/12/2010	Shaheed Bhagat Singh State Technical Campus, Ferozepur	12/01/2010 to 14/05/2010	Shaheed Bhagat Singh State Technical Campus, Ferozepur	17/08/2009 to 09/12/2009	Shaheed Bhagat Singh State Technical Campus, Ferozepur	21/01/2009 to 15/05/2009	Dr. B.R Ambedkar NIT , Jalandhar	15/10/2008 to 19/12/2008	Sant Kabir Polytechnic, Fazilka	03/04/2006 to 03/06/2006
Assistant Professor , SBSSTC, Ferozepur	17/12/2010 to Till Date															
Guru Nanak Dev University , Amritsar	2/8/2010 to 16/12/2010															
Shaheed Bhagat Singh State Technical Campus, Ferozepur	12/01/2010 to 14/05/2010															
Shaheed Bhagat Singh State Technical Campus, Ferozepur	17/08/2009 to 09/12/2009															
Shaheed Bhagat Singh State Technical Campus, Ferozepur	21/01/2009 to 15/05/2009															
Dr. B.R Ambedkar NIT , Jalandhar	15/10/2008 to 19/12/2008															
Sant Kabir Polytechnic, Fazilka	03/04/2006 to 03/06/2006															

		Others : 1. NCC 3 Months Training (from 10 August to 7 th November 2015) at OTA (Officer Training Academy, Gwalior), Achieved rank of Lieutenant and designation of Associate NCC Officer (ANO). <ul style="list-style-type: none"> ▪ Award of Honour by Brigadier, Commandant R.C Dewedi. ▪ Award of Appreciation in Extra Curricular activities by Brigadier, Commandant R.C Dewedi and deputy commandant Depinder Mandrai. 	
6.	Area of Specializations	Neural Network	
7.	Subjects Teaching at	(a) Graduate Level	Network Analysis and Synthesis, Signal and Systems, Neural Network and Fuzzy Logic, Digital Signal Processing, Electronics and Measurement and instrumentation, Electromagnetic Field Theory
		(b) Post Graduate Level	Information Theory and coding, Optical Communication Systems, Advanced Communication System, Neural Network and Fuzzy Logic
8.	Total Number of Research	Published	Communicated

Publications (Annexure- A)	21		Nil
---	----	--	-----

*		
9.	No. of Students Guided	
	Master's	09
	Ph.D	Nil
10.	Academic	<ol style="list-style-type: none"> 1. Award of Honour on Blood Donation Camp (17th Nov.2015) smoothly organized by 5 Pb Girls BN NCC Moga. 2. Award of Appreciation on the Auspicious Occasion 3rd Basant Mela (31st January, 2015 by Director, Dr. T.S sidhu and Education Officer Ferozepur Pardeep Deorha. 3. Award of Honour on the occasion of Shaheedi Diwas (13 to 23rd march 2015) by Dr. T.S Sidhu and BJP President Sh. Kamal Sharma. 4. Award of Honour on the occasion of Shaheedi Diwas (18th march 2016) by Dr. T.S Sidhu and BJP President Sh. Kamal Sharma. 5. Mega Blood Donation Camp- Honoured by Dr. T.S Sidhu and Dr. (Mrs.) Rajinder Sooch Pro-Vice Chairperson Managing Committee (Work as Programme Officer NCC Girls Unit Nodal Officer RRC) with Letter of Gratitude. 6. Election Commission of India -2017 (SVEEP-II) - Honoured by Balwinder Singh Dhaliwal Deputy Commissioner Ferozepur. 7. 50th Anniversary celebrations of Punjabi Suba at Ferozepur district level- Honour by Jagseer Singh Education officer. 8. Award of Honour (Theme was Yad Karo Kurbani-Azaadi 70) by Director Dr. T.S Sidhu and chief guest (Former Principal) Dr. R.P. Shukarchakia. 9. Award of Honour (conducted lecture by EFG organized expert lecture on “ Climate change and Bio Diversity” by jagat Singh Chaudhary ‘Juglee’ Environmentlist) by jagat Singh Chaudhary ‘Juglee’ And Director T.S Sidhu

**Achievements
and Awards.**

11.	Projects Carried out	Nil	
12.	Projects in Hand	Nil	
13.	Applied Project	Nil	

15.	Short-Term Courses Organised as a faculty	Nil	
16.	Short-Term Courses Attended	<ol style="list-style-type: none"> 1. TEQIP sponsored course on Applied Soft Computing at SBSSTC Ferozepur ---I week 2. AICTE sponsored course on Multi-Criteria Optimization Tools in Research at SBSSTC Ferozepur ---2 week 3. TEQIP sponsored course on Research Methodology: Tools and Techniques at SBSSTC Ferozepur -1 Week. 	
17.	Faculty Development Programmes organized in the Institute	(List is attached as Annexure-B)	
18.	Membership of professional bodies: Nil		
19.	Main Extra-Curricular Activities organized :Annexure-C		

20.

Main Curricular and Co-Curricular Activities Organised:
Annexure-D

Annexure-A

LIST OF PUBLICATIONS

(A) International Referred Journals

Academic Session: August 2013- July 2014

1. Jashanpreet Kaur, Navdeep Kaur, Amit Grover, “ Reversible Comparator Circuit Design using CMOS-GDI-TG Mixed Technology”, International Journal of Advance Electronics, Electrical & Computer Science Applications Volume 1, Issue 2, Nov 2013, pp. 440-442, ISSN: 2235 – 7060.
2. Kamalpreet Kaur, Navdeep Kaur, Gurjeevn Singh, “Performance comparison of queuing algorithms: A review, IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), e-ISSN: 2278-2834,p-ISSN:2278-8735.Volume X, 10-Dec-2013.
3. Rohit Kumar, Navdeep Kaur , Gurjeevan Singh “GSM Based Comparatative Investigation of Hybrid Routing Protocols in MANETS”IOSR Journal of Electronics and Communication Engineering (IOSR-JECE),E-ISSN:2278-2834,P-ISSN: 2278-8735,Volume 9,Issue 3, Ver. II (May –June ,2014) PP-82-86.
4. Kamalpreet Kaur, Navdeep Kaur, Gurjeevn Singh, “Simulation and Detection of LDDoS Attacks using Queuing Algorithms”, International Journal of Computer Applications (0975 – 8887), Volume 88 – No.2, February 2014.pp-32-36.
5. Kamalpreet Kaur, Navdeep Kaur, Gurjeevn Singh, “Assessment of Active Queue Management algorithms by using NS2 simulator”, Int. Journal of Engineering Research and Applications www.ijera.com ISSN: 2248-9622, Vol. 4, Issue 3(Version 1), March 2014, pp.- 798-802.
6. Meenakshi Sharma, Navdeep Kaur, Gurjeevan Singh, "High Quality GSM Voice based Analysis of the Prominent Routing Protocols of MANET", International Journal of Computer Applications ,Volume 87 – No.19, February 2014,pp:1-3.
7. Sheenam, Navdeep Kaur, Rahul Sharma, “Energy Efficiency in wireless sensor-Review”, IJARCSSE Journal Volume 4, Issue 3 (March-2014).
8. Meenakshi Sharma, Navdeep Kaur, Gurjeevan Singh, "**Network traffic based** assessment of reactive, proactive and hybrid MANET protocols", IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)Volume 9, Issue 2, Ver. VII (Mar - Apr. 2014) , pp- 82-86.
9. Meenakshi Sharma , Navdeep Kaur , Gurjeevan Singh “ Evaluation of Routing Protocols on the Basis of Diverse Network Simulation Area” International Journal of Computer Application (00975-8887) , volume 92-No. 9, April 2014, pp- 5-7.

10. Kamalpreet Kaur , Navdeep Kaur, Gurjeevan Singh “Simulation and Comparison of Various Queuing Algorithms based on their performance using CPR Approach in detection of LDDoS Attacks” International Journal of Computer Applications (0975-8887), Volume 93-No10,May 2014.
11. Lovepreet Singh, Navdeep Kaur, Gurjeevan Singh, “Investigation of E-mail Application based MANET routing protocols under black hole attack”, International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 4, Issue 6, June 2014.
12. Sheenam, Navdeep Kaur “ Improvement of Energy of Compressive Sensing in Wireless Sensor Networks” International journal of Advances in Science and Technology (IJAST) Vol. 2, Issue 2 (June 2014).
13. Jashanpreet Kaur, Navdeep Kaur, Amit Grover, “ A Review on Gate Diffusion Input (GDI)”, International Journal of Advance Research in Electronics, Electrical & Computer Science Applications of Engineering & Technology, ISSN No. 2349-1612 (ONLINE), Volume 2, Issue 4, July 2014, PP 385-391.

Academic Session: August 2014- July 2015

1. Rohit Kumar, Navdeep Kaur, Gurjeevan Singh “ A competitive Study among different Hybrid Routing Protocols using High Quality GSM Voice as input” International Journal of computer applications (0975-8887)volume 106-No.17, November 2014.
2. Lovepreet Singh , Navdeep Kaur , Gurjeevan Singh “Simulation and Comparison of AODV ,DSR and TORA under Black Hole Attack for Video conferencing Application” IJIRT, Volume 1 Issue 2, ISSN:2349-6002 pp- 18-23.
3. Lovepreet Singh , Navdeep Kaur , Gurjeevan Singh “ Analysis the performance of MANET Protocol under Black Hole Attack for E-mail Application” International Journal of Computer Applications(0975-8887) Volume 103- No. 12, October 2014 pp . 07-13.
4. Varun Kumar, Navdeep Kaur, Vikas” Degrade Document Image Enhancement Using Morphological operator “International Journal for Research in applied Science and Engineering Technology(IJRASET) Volume 3 Issue V, May 2015. ISSN : 2321-9653.

Academic Session: August 2015- December 2015

1. Varun Kumar, Navdeep Kaur, Sudhir Kumar “Document Image Enhancement Using Sauvola Operator” IJREAT International Journal of Research in Engineering and Advanced Technology, Volume 3, Issue 5, Oct-Nov.2015 ISSN:2320-8791 (impact factor :2.317).

Academic Session: January 2016- July 2016

1. Ajay Kumar, Navdeep Kaur “Face Recognition” International Journal of Advanced Trends in Computer Applications (IJATCA) Volume 3, Number 2, February - 2016, pp. 10-15 ISSN: 2395-3519,PP-10-15.

2. Ajay Kumar, Navdeep Kaur “Enhanced Face Matching Technique based on SURF and Neural Network” International Journal of Advanced Trends in Computer Applications (IJATCA) Volume 3, Number 7, July - 2016, pp. 15-20 ISSN: 2395-3519.
3. Ajay Kumar, Navdeep Kaur “enhanced face recognition using neural network and surf” International Journal for Research and Science (IJFRS) Available online at: www.ijfrs.com Volume 6, Issue 1, May 2016, Pg 22-28.

(B) National Referred Journals: Nil

(C) International Conferences

Academic Session: (August 2013- July 2014)

1. Lovepreet Singh, Navdeep Kaur, Gurjeevan Singh, “Analysis of Prominent Routing Protocols Based on Black Hole Attack for VOIP,” International Multi-Track Conference on Sciences, Engineering and Technical Innovations- IMTC-2014. 3, 4 June 2014.

(D) National Conferences

Academic Session: August 2015 – December 2015)

1. Meenakshi Sharma, Navdeep Kaur, Gurjeevan Singh, “Novel Investigation of AODV, DSDV and ZRP using GSM Voice”, in 17th Punjab Science Congress, February 14-16.
2. Sukhwinder Singh , Navdeep Kaur “a Review on Software defined wireless sensor network” under TEQIP –II Sponsored National Conference on Communication Computing and Systems (NCCCS 2015) August 24-25, 2015.
3. Amit Arora1, Navdeep Kaur , “Various Aspects of Seaweeds”, National Conference in (National Institute of Technology Calicut, NITC)

(E) Invited Talk : Nil

Annexure-B

Faculty Development Programme organized in the Institute

Sr No	Name of FDP	Dept	From	To
1	IIC FDP on Digital Image, Video and Medical Image Processing	ECE	23-09- 2013	27-09-2013

Annexure-C

Main Extra-Curricular Activities organized

1. Fresher's 2014 Organize (UDGHOSH) on 29/10/2014.
2. 67th Republic day 2015 well organized in our college (SBSSTC, Ferozepur).
3. TECHNO-OPUS Function (Drama and cultural activities) Organized (25-26 /3/2015)
4. Shaheedi Diwas (11 roja shaheedi khed mela, 13 to 23rd march 2015) well organized at SBSSTC , Ferozepur.
5. Shaheed Bhagat Singh on Martydom day "Shaheedi Diwas" function smoothly organized (18/3/2016).
6. JASHAN 2016 Smoothly Organize (4-5-3-2016).
7. Freshers Party (18-10-2016)
6. Organized Annual cultural function 2016 (BUZZPlosion)

Annexure-D

Main Curricular and Co-Curricular Activities Organized

10. Blood Donation Camp (17th Nov.2015) smoothly organized by 5 Pb Girls BN NCC Moga.
11. 67th Republic day 2015 well organized in our college (SBSSTC, Ferozepur).
12. Shaheedi Diwas (11 roja shaheedi khed mela, 13 to 23rd march 2015) well organized at SBSSTC , Ferozepur.
13. Shaheedi Diwas (18th march 2016) well organized at SBSSTC, Ferozepur.
14. Independence day (15th August 2016) well organized at SBSSTC, Ferozepur.
15. Mega Blood Donation Camp, (30th September 2016) (Work as Programme Officer NCC Girls Unit Nodal Officer RRC) with Letter of Gratitude.
16. Election Commission of India -2017 (SVEEP-II) Organized in our College.
17. 50th Anniversary celebrations of Punjabi Suba smoothly organized works as Programme officer at Ferozepur district level.
18. Award of Honour (Theme was Yad Karo Kurbani-Azaadi 70) by Director Dr. T.S Sidhu and chief guest (Former Principal) Dr. R.P. Shukarchakia.