1	Name	PAWAN KUMAR	
2	Designation	Assistant Professor	
3	Date of Birth	01/09/1981	
4	Education Qualification	M.Tech in CSE B.Tech in CSE Three Years Diploma in CSE	
		Email: pawanluthra81gmail. com pawanluthra81@sbsstc.ac.in	
5	Work Experience	Teaching and Administrative	

Teaching From 27th July, 2005 – 29-Sep-2009, **Assistant Professor**, Deptt. of Computer Science & Engineering, Shaheed Bhagat Singh College of Engineering and Technology, Ferozepur.	4 Years 2 Months
From 30th ,Sep 2009 – 11th April 2012, **Assistant Professor**, Deptt. of Computer Science & Engineering, Malout Institute of Management and Information Technology, Malout (MIMIT, Malout) (On Deputation)	3 Years
From 12th April, 2012 – till date, **Assistant Professor**, Deptt. of Computer Science & Engineering, Shaheed Bhagat Singh State Technical Campus, Ferozepur.	5 Years
Total Teaching Experience	12 Years
Administrative Responsibilities:	
Jan 2017 – till date, **NBA Co-ordinator CSE Deptt** at Shaheed Bhagat Singh State Technical Campus, Ferozepur	5 Months
Jan 2013 – Jan16, **NBA Co-cordinator CSE Deptt Placement Officer** at Shaheed Bhagat Singh State Technical Campus, Ferozepur.	2 Years
26-09-2016 – till date, **Asstt. Training & Placement Officer (ATPO) in CSE Deptt** at Shaheed Bhagat Singh State Technical Campus, Ferozepur.	9 Months
Co-ordinator, Major Project B-Tech CSE at Shaheed Bhagat Singh State Technical Campus, Ferozepur.	9 Months
Course Coordinator, Distributed System, **M.Tech. CSE,** at MRSPTU, Bathinda.	

	Academic In charge M-Tech CSE (Regular and Part Time) at Shaheed Bhagat Singh State Technical Campus, Ferozepur.. from 2015 to till date.		2 years
	In charge Departmental Library in CSE Deptt at Shaheed Bhagat Singh State Technical Campus, Ferozepur. from 29/09/2016 to till date.		9 Months
	Departmental Representative for IIIP Cell at Shaheed Bhagat Singh State Technical Campus, Ferozepur. from 29/09/2016 to till date.		9 Months
	Department Store and Purchase Officer (DSPO) in CSE Deptt at Shaheed Bhagat Singh State Technical Campus, Ferozepur. from 29/09/2016 to till date.		9 Months
	In charge Cloud Computing and Big Data Lab in CSE Deptt at Shaheed Bhagat Singh State Technical Campus, Ferozepur. from 29/09/2016 to till date.		9 Months
	In charge Research Lab 1 and 2 in CSE Deptt at Shaheed Bhagat Singh State Technical Campus, Ferozepur. from 29/09/2016 to till date.		9 Months
	Member DQAC Committee in CSE Deptt 2 in CSE Deptt at Shaheed Bhagat Singh State Technical Campus, Ferozepur. from 07/02/2017 to till date.		4 Months
		Research	**5 Years From: 2012 to till date**
		Others:	**Nil**
6	**Area of Specializations**	Cloud Computing, Network Security	
7	**Subjects Teaching at**	**(a) Graduate Level**	
		⎫ Computer Architecture. ⎫ Data Structures. ⎫ Operating System. ⎫ Computer Network-I. ⎫ MALP ⎫ RDBMS-I. ⎫ RDBMS-II.	Software Engineering. SLLP. OOAD. Cloud Computing.
		(b) Post Graduate Level ⎫ Advanced Database Systems. ⎫ Advanced Computer Architecture. ⎫ Cloud Computing. ⎫ Big Data Analysis.	APL. Advanced DBMS. Distributed Systems. OOAD using UML.
8	**Total Number of Research Publications (Annexure-A)**	**26**	Communicated – **05**

9	Number of Students Guided	M.Tech	18
		PhD	Nil
10	Academic Achievements and Awards	- Appreciation Certificate for being a *member of Organizing Team* of 1st International Conference on Communication, Computing and Systems (ICCCS-2014) held during August 8-9, 2014. - Best Paper Certificate for *presenting a paper titled" Bandwidth-MIPS aware Task Scheduling in Cloud "* of National Conference on Communication, Computing and Systems (NCCCS-2015) held during August, 24-25, 2015. - Appreciation Certificate for *Session Chair* of National Conference on Communication, Computing and Electrical Systems (NCCCS-2016) held during November 21-22, 2016. - Appreciation Certificate for *Conference Co-coordinator* of National Conference on Communication, Computing and Electrical Systems (NCCCS-2016) held during November 21-22, 2016. - Appreciation Certificate for delivering *expert lecture on topic "Cloud Computing"* at Desh Bhagat Foundation Group of Institutions, Moga held on October 6, 2016.	
11	Projects Carried Out	Nil	
12	Projects in hand	Nil	
13	Applied Project	Nil	
14	Short-Term Courses organized as a Faculty	Nil	
15	Short-Term Courses attended	1. One Week PTU Sponsored FDP on "Digital Image Processing" from July 18th – 22th 2011 at MIMIT, Malout, 2. One week PTU Sponsored FDP on "Pedagogical Importance of Comm. Skills & Personality Development July 25st – 29 2011 at MIMIT, Malout, 3. One week PTU Sponsored FDP on "Computerized and Digital Library Jan 16th – 20th 2012 at MIMIT, Malout, 4. One week PTU Sponsored FDP on "Cloud Computing June 04th – 8th June 2012 at MIMIT, Malout, 5. 3 days Workshop Sponsored by NM Infotech Mohali on "Linux June 2012 at MIMIT, Malout,	

		6. Two weeks AICTE sponsored STP on "Multi Criteria Optimization Tools in Research" from May 21th – June 07th 2012 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.
		7. One week TEQIP Sponsored FDP on "Applied Soft Computing" from Nov 26th –Nov 30, 2012 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.
		8. One week TEQIP Sponsored FDP on "Research Methodology Tools and Techniques" from Dec 03th – Dec 07th 2012 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.
		9. 3 days workshop Sponsored by IBM on "IBM seed program on Rational Software Architect April 15th – April 18th 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.
		10. Two weeks AICTE Sponsored STP on "Nature Inspired Computational Intelligence" from May 06th – May 17th 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.
		11. One day TEQIP (Phase-II) workshop on "ROLE OF COMMUNICATION, MOTIVATION & TEAM BUILDING IN ENHANCING THE PERFORMANCE OF TEACHERS" on May 25th 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.
		12. 3 days Faculty Development Course on "Botnet Analysis "from July 10th – July 12th 2013 at Infysec, Chennai.
		13. One week TEQIP Sponsored FDP on "New Computing & Emerging Technologies in ICT" from Aug 26th – Aug 30th 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.
		14. One week TEQIP Sponsored FDP on "Soft Skills for Technical Teachers" from Sept 2 – 6, 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab.

		15. One week FDP on "Managerial Skills" from Sept 9 – 13, 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab. 16. One week FDP on "Digital Image Video and Medical Image Processing" from Sept 23 – 27, 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab. 17. One week FDP on "Management Capacity Enhancement Program me for Administrators" from Oct 21 – 25, 2013 at Indian Institute of Management, Noida. 18. One week FDP on "Cloud Computing" from Oct 28 – 01Nov, 2013 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab. 19. One week FDP on "Agile Software Development" from feb 03 – 07, 2014 at Infosys Campus, Chandigarh. 20. One week FDP on "Advances in OFC Technology" from july 07-11, 2014 at MIMIT, Malout. 21. Two weeks AICTE & TEQIP Sponsored FDP on "Research Techniques", from May 25 to June 5 2015 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab. 22. One week TEQIP Sponsored FDP on "Material Technology", from Dec 21 to Dec 25, 2015 at Shaheed Bhagat Singh State Technical Campus, Ferozepur, Punjab. 23. One day NBA Sponsored workshop on "Awareness workshop on Outcome Based Education and Accreditation", on Jan 21, 2017 at NITTTR, Chandigarh.
16	**Faculty Development Program organized in the institute.**	Nil
17	**Membership of Professional Bodies**	**ISTE Life member LM-104763**
18	**Main Extra-Curricular Activities organized :** Annexure-C	
19	**Main Curricular and Co-Curricular Activities Organized:** Annexure-D	

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Annexure-A

LIST OF PUBLICATIONS

(A) International Referred Journals

Other Journal Papers

1. **Pawan Luthra**, Amanpreet Kaur, Vikas Goyal, "**Java Implementation and Arithmetic Evaluation of Elliptic curve Cryptography using MATLAB**", *International Journal of Engineering Research and Technology (IJERT), Volume 1(02), Issue 4*, 2012, **ISSN: 2278-0181.**

2. Gagandeep, Ashima, **Pawan Kumar**, "**Analysis of different Security Attacks in MANETs on Protocol Stack A-Review,** - *International Journal of Engineering and Advanced Technology (IJEAT), Volume 1, Issue 5, 2012,* **ISSN: 2249-8958.**

3. **Pawan Luthra**, Rajwinder Kaur **"Load Balancing in Cloud System using Max Min and Min Min Algorithm"**, *International Journal of Computer Applications and National Conference on Emerging Trends in Computer Technology, 2014,* **ISSN: 0975-8887.**

4. **Pawan Luthra**, Bohar Singh **"Review of LINPACK and CLOUDSIM on VMM"**, *International Journal of Engineering Trends and Technology (IJETT)), Volume 4 ,Issue 6, 2014,* **ISSN: 2231-5381.**

5. **Pawan Luthra**, Gurveen Kaur, Vikas Goyal **"A Survey on Efficient Routing Techniques for Maximization of Network Lifetime in WSN"**, *International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 4, 1ssue 8, August 2014,* **ISSN: 2277-128X.**

6. **Pawan Luthra**, Sandeep Kaur, Vikas Goyal **"A Survey on Application of Genetic Algorithm in Wireless Sensor Networks"**, *International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 4, 1ssue 8, August 2014,* **ISSN: 2277-128X.**

7. **Pawan Luthra**, Gurveen Kaur, Vikas Goyal **"Weighted Sum Method Scheduling Chaining System for Efficient Data Routing"**, *International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 4, 1ssue 11, November 2014,* **ISSN: 2277-128X.**

8. **Pawan Luthra**, Sandeep Kaur, Vikas Goyal **"Genetic Algorithm based Path Optimization for Extending the Network's Life Time in Multi-Hops Wireless Sensor Networks"**, *International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 4, 1ssue 11, November 2014,* **ISSN: 2277-128X.**

9. **Pawan Luthra**, Sandeep Kaur, "**Bandwidth Aware Heterogeneous Task Scheduling in Cloud Computing",** *International Journal of Current Engineering and Scientific Research (IJCESR),* *Volume 2, 1ssue 6, 2015,* **ISSN: 2393-8374.**

10. **Pawan Luthra**, Sonia Arora, **"Security Storage Model in Cloud",** *International Journal of Current Engineering and Scientific Research (IJCESR), Volume 2, 1ssue 6, 2015,* **ISSN: 2393-8374.**

11. Isha Chawla, **Pawan Luthra**, Daljeet Kaur, **"Three way Mechanism to Enhance Data security on Cloud",** *International Journal of Current Engineering and Scientific Research (IJCESR),* *Volume 2, 1ssue 6, 2015,* **ISSN: 2393-8374**

12. Kirandeep, **Pawan Luthra**, Gagan luthra **"Analysis of Different Reactive, Proactive and Hybrid Routing Protocols , A Review",** *International Journal of Advanced Technology in Engineering and Science, Volume-05,Issue 01,* **ISSN No: 2348-7550,** January 2017.

13. Robin Khungar, **Pawan Luthra**, Bindu Bala **"EA Based approach for resource allocation in Cloud Computing",** *International Journal of Engineering Development and Research, Volume-05,Issue 021,* **ISSN No: 2321-9939,** April, 2017.

(B) National Referred Journals   Nil

(C) International Conferences

1. **Pawan Luthra**, Rajwinder Kaur **"Load Balancing in Cloud Computing",** *ACEEE, International Conference on Recent Trends in Information, Telecommunications and Computing (ITC), 2014.*

2. Bohar Singh, **Pawan Luthra "Performance Analysis of VMM using LINPACK and CLOUDSIM",** *International Conference on Communication, Computing and Systems(ICCCS-2014), August 2014,*

3. Bhagwan Singh, **Pawan Luthra**, **"Energy Efficient Improvement of Wireless Sensor Networks using Pegasis Combined with Fuzzy Rules",** *2*nd *International Conference on Cloud Computing Computer Science and Advanced in Information Technology (ICCCCIT)),* January *2015.*

(D) National Conferences

1. **Pawan Luthra**, Sonia Arora **"Secure Storage of Data using Encryption Techniques In Cloud",** *National Conference on Recent Trends in Information Technology), February 2015, 15,* **ISSN: 978-81-930280-8-7.**

2. **Pawan Luthra**, Sandeep Kaur **"Open Stack V.S Cloud Stack WAR between the Stacks",** *National Conference on Role of Information Technology in Management and Engineering ((RITME-2015),Volume-1,* **ISBN No: 978-81-930480-2-3.** *March 2015,*

3. Sonia Arora, **Pawan Luthra "Evaluation on Techniques Available for Trusted Third Party on Cloud",** *National Conference on Role of Information Technology in Management and Engineering (RITME-2015), Volume-1,* **ISBN No: 978-81-930480-2-3,** *March 2015,*

4. **Pawan Luthra**, Anamika, **"Task Scheduling Algorithms: A Review to utilize Cloud Resource",** *National Conference on Communication, Computing and Systems (NCCCS-2015), Volume-1,* **ISBN No: 978-93-84869-71-7,** August 2015.

5. **Pawan Luthra**, Isha Chaudhary, **"Different Load Balancing Algorithms in Cloud Computing-A Review",** *National Conference on Communication, Computing and Systems (NCCCS-2015), Volume-1,* **ISBN No: 978-93-84869-71-7,** August 2015.

6. **Pawan Luthra**, Sandeep Kaur, Bohar Singh **"Bandwidth-MIPS aware Task Scheduling in Cloud using Choco Solver",** *National Conference on Communication, Computing and Systems (NCCCS-2015), Volume-1,* **ISBN No: 978-93-84869-71-7,** August 2015.

7. **Pawan Luthra**, Amandeep Kaur **"Authentication with Cloud Computing using OTP",** *National Conference on Communication, Computing and Systems (NCCCS-2015), Volume-1,* **ISBN No: 978-93-84869-71-7,** August 2015.

8. **Pawan Luthra**, Isha Chawla, Daljeet Kaur **"Enhanced mechanism for Data Security on Cloud",** *National Conference on Communication, Computing and Systems (NCCCS-2015), Volume-1,* **ISBN No: 978-93-84869-71-7,** August 2015.

9. Mehal, **Pawan Luthra**, **"Mitigation of Flood based DDOS Attack using Captcha",** *National Conference on Computing, Communication and Electrical Systems 2016, November,21-22,* 2016.

10. Mehal, **Pawan Luthra**, **"Container Based Virtualization",** *National Conference on Computing, Communication and Electrical Systems 2016, November,21-22,* 2016.

(E) Invited Talk   Nil

Annexure-B

Faculty Development Programme organized in the Institute-   Nil

Annexure-C

Main Extra-Curricular Activities organized -   Nil

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Annexure-D

Main Curricular and Co-Curricular Activities Organized

- **Organizing Team member** of 1st International Conference on Communication, Computing and Systems (ICCCS-2014) held from August 8-9, 2014.

- **Conference Co-cordinator** of National Conference on Communication, Computing and Electrical Systems (NCCCES-2016) held from November 21-22, 2016.

- **Season Chair** of National Conference on Communication, Computing and Electrical Systems (NCCCES-2016) held from November 21-22, 2016.

- Have arranged a number of **Technology Awareness Seminars** for B-Tech CSE students.

- All the **Placement related activates** and Routines work of Assistant Training and Placement Officer (ATPO).