

Dr. Sudhir Goyal  
System Programmer  
Information Technology, UIET  
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## Educational Background

S.No	Degree	Organization	Year of Passing
1	Ph.D	Thapar University, Patiala	2016
2	M.C.A	Punjabi University, Patiala	2004
3	B.C.A	Punjabi University, Patiala	2001

## Employment Record

S.No	Organization	Designation	Duration
1	Panjab University, Chandigarh	Programmer	2013 to Till Date
2	Thapar University, Patiala	Programmer	2007 - 2013
3	APEEJAY Institute of Management, Jalandhar	Lecturer	2005 - 2007
4	DAV College, Gidarwaha	Lecturer	2004 -2005

## Publications in Journals/Conferences

1. Sudhir Goyal, Seema Bawa, Bhupinder Singh, "Energy Optimised resource Scheduling algorithm for private Cloud computing", Int. J. AdHoc and Ubiquitous Computing (**SCIE**) , vol.23, no.1, pp.115-123, 2016. ISSN: 1743-8233.
2. Sudhir Goyal, Seema Bawa, Bhupinder Singh, "Green Service Level Agreement(GSLA) framework For Cloud Computing", Computing (**SCI**) , vol.98, no.9, pp.949-963, 2016. ISSN: 1436-5057.
3. Sudhir Goyal, Gurdev Thakur, "E-commerce a Modern Solution to Global Business; A Comprehensive Analysis of Ecommerce, Electronic Infrastructure", IMS Manthan, vol.1, no.1, pp.69-78, 2006. ISSN: 0974-7141.

4. Sudhir Goyal, Seema Bawa, Bhupinder Singh, "Experimental Comparison Of Three Scheduling Algorithms for Energy Efficiency in Cloud Computing", IEEE Conference On Cloud Computing in Emerging Markets (CCEM), pp.1-6, IEEE Bangalore.

### **Workshops/Symposium/ Seminars**

1. Attended Workshop on Advanced Engineering Optimization through Intelligent Techniques, at SVNIT, Surat from 22-06-2015 to 26-06-2015.

2. Attended Workshop on Cloud Computing and High performance computing, at Thapar University, Patiala from 05-12-2012 to 08-12-2012.

3. Attended Workshop on Application of data mining in software fault prediction/Cloud Computing, at Chitkara University, Chandigarh from 20-07-2011 to 20-07-2011.

4. Organized Workshop on Emerging Trends in telecommunication and IT, at Panjab University, Chd from 03-10-2013 to 04-10-2013.

5. Organized Workshop on Workshop on Java Learning Program, at Thapar University, Patiala from 22-12-2008 to 03-01-2009.

6. Organized Workshop on Workshop on Java and JEE, at Thapar University, Patilala from 20-12-2010 to 31-12-2010.

### **Books/Books Edited/Book Chapters**

1. Sudhir Goyal, Vikram Aggarwal, Strategic offshore outsourcing: Business innovation power by technology, Strategic Outsourcing, Deep and Deep Publications, ISBN:81-7629-963-4,2007.

2. Sudhir Goyal, Vikram Aggarwal, E-Governance: A Blend of Information Technology and Internet towards smart Governance, Application of IT and Management in Economic Growth, Deep and Deep Publications, ISBN:978-81-8450-120-9,2008.

### **Professional Membership/Award/Fellowship Details:**

<b>S.No</b>	<b>Name of Professional Society/ Institute/Organisation</b>	<b>Membership/ Award / Fellowship Type</b>	<b>Completion Date</b>
1	Microsoft	MCSE Certification	02-06-2008
2	IBM	IBM Certified DB2 9 database and application	06-05-2011

3	Manjrasoft Pty Ltd, Australia	Aneka Cloud	05-12-2012
4	Microsoft	Microsoft Cloud Azure	21-01-2016

### Technical Proficiency:

- **Programming languages** : Java, C, C++
- **Database** : Oracle, MSSQL, MYSQL, DB2
- **Simulators** : CloudSim
- **Operating systems** : Windows, Linux
- **IDEs** : NetBeans, Eclipse
- **Others** : ICT and Server Management

### Subjects Teach:

S.No	Subjects	Level
1	Java Technologies	Undergraduate
2	System Software	Undergraduate
3	Internet Applications	Undergraduate
4	Operating System	Undergraduate
5	Internet Application and Java	Undergraduate
6	Operating System	Undergraduate
7	Data Communication & Computer Networks	Postgraduate
8	E-commerce	Postgraduate

### Key References:

- Prof. (Dr.) Krishan Kumar Saluja  
Professor-Department of Information Technology  
UIET, Panjab University, Chandigarh, India  
ksaluja@ieee.org, k.salujaiet@gmail.com, k.saluja@pu.ac.in
- Prof. Seema Bawa (Ph.D. Research Guide)  
Professor - Department of Computer Science & Engineering,  
Thapar University, Patiala, India  
seema@thapar.edu
- Dr. Bhupinder Singh (Ph.D. Research Guide)  
Sr. Program Manager,  
Microsoft India R&D Pvt. Ltd. Hyderabad)  
bhupindersinghsaini@gmail.com