

ABHAY SINGH
Assistant Professor
Department of Information Technology
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DOB: 14th October 1982



Educational Qualifications

MCA (Masters in Computer Application) – S.D.D.I.E.T,
Barwala, Kurukshetra University Kurukshetra, India(2005-2008)
Bachelor of Arts(with Maths) Govt. PG College Chandigarh,
Sector46 Chandigarh,India(2001-2004)

**Teaching/Research
Experience**

- July 2012- April 2013
- July 2013 –April 2014
- June 2014 –Feb 2015
- July 2015 –April 2016
- May 2016 –April 2017
- June 2017 –April 2018
- July 2018 –April 2019
- July 2019 –April 2020
- September 2020-- June 2021
- August 2021 –June 2022
- August 2022 –April 2023
- July 2023 –April 2024

Adhoc Assistant Professor in Information Technology in
Goswami Ganesh Dutta Sanatan Dharma College, Chandigarh,
affiliated to Panjab University, Chandigarh during above
duration

Areas of Interest

- DBMS, Web Designing,C++, Power bi, Java

**Publications
(Journal/Book Chapters)**

Journal Publications:

S.,Abhay, “**Effect on work life balance due to transformation of technology changes during COVID 19- A study on information technology employees**” , International journal of Advances in Engineering & Management. Volume 4, Issue 11, Nov 2022 , Page No : 738-746

S.,Abhay, “**Recent trends of Software Testing Techniques in IT**” in International journal of Advances in Engineering & Management. Volume 4, Issue 4, Apr 2022 , Page No : 1106-1111

**Seminars/
Conferences/Symposiums
(Paper Presented)**

- Presented paper on “Recent trends of Software Testing Technologies in IT” in Recent Trends in Information Technology organized by PG Department of Information Technology held on 25 th March 2022.

**Refresher
Courses/Workshops/Training
Programmes**

- Attended 5 days Faculty Development Program organized by University Of the Fraser Valley & GGDSD College in 2013.
- Attended 10 days (19 December2022 to 30 December 2022) Faculty development program on “Predictive Analytics using

IBM SPSS Modeler - Advanced Course” organised by IBM Career Education Program and Post Graduate Department of Information Technology, GGSDS college

- Attended short term course on **NEP Orientation & Sensitization Programme** - MMC-015-2024-FEB-B-00822 - 16.02.2024 to 29.02.2024 from 02.00pm to 05:00pm organized by the UGC-Malaviya Mission Teacher Training Centre, Panjab University, Chandigarh
- Played an active role in **Editorial Committee** in GGSDS Year Book 2013-2014 & News Clipping Book 2013-2014.
- Played an active role in **Editorial Committee** in GGSDS Year Book 2014-2015 & News Clipping Book 2014-2015.
- Played an active role in **Editorial Committee** in GGSDS Year Book 2014-2015 & News Clipping Book 2015-2016.
- Played an active role in **Editorial Committee** in GGSDS Year Book 2014-2015 & News Clipping Book 2016-2017.

Professional Experience

(June 2008 to March 2012)

- **Senior Senior Software Developer** in Access Technology International Inc. (Mohali)
- **Technology Used:** HTML, JavaScript, SQL Server 2005, ODG Framework (Company’s inbuilt framework).
- **webTrader:** OATI in ERCOT Nodal Team is preparing softwares for the Energy sector markets in USA. The project requires implementation of the WebPlus (proprietary OATI). The use of AJAX, JAVA script is also done on the displays.

Key Roles and Responsibilities:

- Documentation, designing, coding, unit testing & Integration of the new software modules in ODG environment, with backend SQL Server 2005.
- I am involved in writing stored procedures, test cases, writing DFS (Detailed functional specification) for the entire modules.
- Post release support of the product, up gradation of the old components, releasing new versions of product and bug fixing.
- I have the major responsibility of testing all modules before they are passed for acceptance testing.

Project Description

The Project included the up gradation of MISO (BacK-Office) which included the up gradation of the whole project from HTML to OATI display Generator (framework based on C++, HTML) and SQL SERVER 2005.

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