

OBJECTIVE

Obtaining the post of a college professor in an organization that will give me the chance to utilize my teaching skills for the progress of an organization.

PROFILE

- 7+ years of experience in teaching and 3+ years of experience in research.
- Profound knowledge of web technologies and system architecture, and ability to assimilate the skills for the better results.
- Good teaching and practical experience in PHP, .NET, HTML, ASP, CSS, JavaScript, Ajax, jQuery, MySQL and SQL Server.
- Excellent communication and written skills.
- Ability to provide a training program to the undergraduate students as well as motivating them for achieving the desired effects.
- Ability to collect the material and chunk it for the proper lesson planning.
- Good organizational skills and problem solving attitude.
- Highly skilled in doing research and having an analytical approach.

EDUCATION (*Credentials evaluated from ICAS*)

Ph.D. (Computer Science)	2012
MCA	2009
M.Phil. (Computer Science)	2008
M.Sc. (Information Technology)	2006
B.I.T.	2003

PROFESSIONAL EXPERIENCE (7 Years & 3 Months)

SHERIDAN COLLEGE, (*Davis Campus*), Brampton, Canada – (January 2013 to Present)

Partial-Load Professor

- Teach web design and development to undergraduate students.
- Follow approved policies and procedures in the conduct of all instructional activities.
- Evaluate and validate learning outcomes for various web courses.
- Prepare course materials including PPTs, hand-outs, quizzes, homework assignments, mid-term and final exams.
- Review and evaluate students' assignments, exams and classroom participation. etc.
- Meet and assist students during office hours or by appointment at other reasonable times.

WEB SERVE AGENTS, Brampton, Canada – (April 2012 to December 2012)

Project Manager

- Successfully supervised 8 projects and led them to completion on time.
- Managed various websites providing detailed timelines, technical assessments & summaries of tasks.
- Supervised team of professionals: technical staff, design team, editorial staff and QA team.
- Assisting the technical team in their design and development tasks.
- Held weekly internal and external meetings on progress.

INSTITUTE OF ENGG. & TECHNOLOGY, Ropar, India – (March 2011 to March 2012)

Head and Assistant Professor

- Planned, evaluated, and revised curriculum and syllabi, course content, and other related course materials as well as methods of instruction.
- Involved in planning and handling of institute's annual curriculum of students pertaining to computer courses.

- Taught computer science courses to undergraduate college students.
- Assisted colleagues in developing new programs to motivate students to excel in their studies.
- Evaluated students' performance in class and conducted a series of constructive and healthy competition for students to participate in.
- Maintained regular teaching schedules and assisted colleagues in updating the teaching modules.

PUNJAB COLLEGE OF TECHNICAL EDUCATION, Ludhiana, India – (July 2008 to March 2011)

Assistant Professor

- Taught web development programming courses including modules of HTML, HTML5, CSS, CSS3, PHP, .NET, Access Database, Oracle Database, MySQL, SQL Server and JavaScript.
- Responsible for course development, lecture preparation, development of practical application exercises for web development.
- Managed internship and externship projects for students in web development programming courses.
- Maintained and updated college website.
- Developed personal website (<http://www.eazynotes.com>) for sharing notes and PowerPoint slides with the students.
- Consistently received positive teacher evaluations from students.

BIS INSTITUTE OF SCIENCES & TECHNOLOGY, Moga, India – (August 2006 to June 2008)

Lecturer

- Conducting lectures and preparing the material for graduate and undergraduate students.
- Providing guidance to the students for developing their career as well as making them familiar with different career opportunities.
- Instructed basic computer courses to students and gave knowledge on the basic components of a computer, as well as their uses and applications.

PUBLICATIONS

Research Papers

- **Fuzzy Logic based Cricket Player Performance Evaluator (June 2011)**
IJCA Special Issue on "Artificial Intelligence Techniques - Novel Approaches & Practical Applications", Number 1 Article 3, pp 11-16.
Link: <http://www.ijcaonline.org/specialissues/ait/number1/2825-206>
- **Fuzzy Cognitive Maps based Cricket Player Performance Evaluator (July 2011)**
International Journal of Enterprise Computing and Business Systems, Vol. 1 – Issue 2.
Link: <http://www.ijecbs.com/July2011/46.pdf>
- **Algorithm to Search and Extract Syllable Sound Positions (July 2010)**
PCTE Journal of Computer Sciences, Vol. 6(2): 136-140.

Books

- **Microprocessors and Microcontrollers** (with Maninder Kaur), 2013.
- **Cricket Batsman Performance Evaluator using Fuzzy Logic**, 2012.
- **Microprocessor and its Applications** (with Maninder Kaur), 2012.
- **Insight into Microprocessors** (with Indu Chhabra and Maninder Kaur) 2012.
- **Microprocessor and Assembly Language Programming** (with Maninder Kaur), 2011.
- **The Basics of Computer System Architecture** (with Maninder Kaur), 2009.

CONFERENCES

- **Pitch Normalization in Concatenative Speech Synthesis**
6th International Conference on *Upcoming Trends in IT* held at Ludhiana on May 22, 2010. pp 133.

FACULTY DEVELOPMENT PROGRAMS

- **Fundamentals of Teaching and Learning**
Sheridan College, Feb. 2013
- **Advanced Computer Architecture**
Lovely Professional University organized by PTU, Jalandhar in 2010
- **Research in Marketing with Statistical Tools**
Punjab College of Technical Education, Ludhiana organized by PTU, Jalandhar in 2010

ASSOCIATIONS

- Member, Editor Team of International Journal of Electronics and Data Communication
<http://cirworld.com/index.php/ijedc/about/editorialTeam>
- Computer Science Society, PCTE, Member, 2010
- Computer Science Association, PCTE, Member, 2010
- PCTE Journal of Computer Science, PCTE, Member, 2010
- Student Welfare Association, IET, Member, 2011
- Research Committee, IET, Member, 2011

REFERENCES

Available on request.