Neha Walia
Assistant Professor & Head
Department of Computer Science
St. Bede's College, Shimla

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NEHA WALIA
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EDUCATIONAL QUALIFICATIONS: MCA, SET, PURSUING PH.D

SR. NO.	DEGREE	SUBJECT	COLLEGE/UNIVERSITY	YEAR OF PASSING
1	B.SC	MEDICAL	ST. BEDE'S COLLEGE, SHIMLA	1997
2	MCA	COMPUTER SCIENCE	INDIRA GANDHI OPEN NATIONAL UNIVERSITY, DELHI	2007
3	SET	COMPUTER SCIENCE & APPLICATIONS	HIMACHAL PRADESH	2018

TOTAL TEACHING EXPERIENCE:
Teaching Experience at St. Bede's College: 15 Years 6 Months

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SUBJECTS TAUGHT

UG: Computer Fundamentals, Computer Organization and Architecture, Management Information System, Programming in Visual Basic, Computer Graphics, Problem Solving using Computers, Office Automation Tools, Computer Networks, Web Technologies, Data Structures
PG: Biostatistics

OTHER RESPONSIBILITIES

INCHARGE: Add-On Courses, Time-Table Committee

MEMBER: IQAC, Website Committee, Canteen Committee, Library Committee.

EVALUATION: Himachal Pradesh University, Shimla.

INVIGILATION: Himachal Pradesh University, Shimla.

ACHIEVEMENTS

- **PUBLICATIONS**

  - Research paper published on "Comparative Exploration on Association Rule Mining Algorithms" in International Journal of New Innovations in Engineering and Technology, Vol. 12, Issue 4, 2020, pp.17-20, ISSN:2319-6319.
  - Research paper published on "Tools in Data Mining: A Comparative Analysis" in International Journal of New Innovations in Engineering and Technology, Vol. 12, Issue 4, 2020, pp.89-94, ISSN:2319-6319.
  - Research paper published on "Programming Languages for Data Mining: A Review" in International Journal of Computer Trends and Technology, Vol. 68, Issue 1, 2020, pp. 38-41, ISSN: 2231-2803.
  - Research paper published on "Association Rule Mining for Stock Data" in International Journal of Advanced Science and Technology, Vol 28, Issue 19, 2019, pp. 796-802, ISSN :2005-4238.(Scopus Indexed.)

➢ Research paper published in peer review journal on "Biometrics and Fingerprint Matching: A Study"

- **PAPER PRESENTATIONS**

➢ Presented paper on "Association Rule Mining for Stock Data" in 3rd International Conference on Innovation in Computing organized by CGC Mohali.

➢ Presented a paper entitled "Mobile Cloud Computing: Security & Privacy" in two day National Seminar on Web Based Technologies : Present & The Future at St. Bede's College, Shimla on April 30-May 1, 2015.

➢ Presented a paper entitled "ICT and Education-The Latest Trends" in NAAC sponsored National Seminar on Institutional Quality Improvement: Role of ICT at St. Bede's College, Shimla on November 14-15, 2014.

➢ Presented a paper entitled "Biometrics and Fingerprint Matching: A Study" in National conference on Advances in Basics & Applied Sciences at Career Point University, Hamirpur.

➢ Presented a paper entitled "ICT: Catalyst for Women Empowerment" in International Conference on Women Empowerment Transforming Lives, Milestones & Challenges held at St. Bede's College, Shimla on August 23- 24, 2013.

- **SEMINAR ATTENDED**

➢ Attended one day UGC sponsored seminar on "Web information System and Technologies in Post Graduate Government College For Girls in Chandigarh on

- **REFRESHER COURSE**

➢ Participated in Two weeks Refresher Course in Computer Science on Next Generation Technologies from June 29, 2021 to July 13, 2021 organized by Teaching Learning Centre & Department of Computer Science, Ramanujan College, University of Delhi, Delhi.

➢ Participated in Two weeks online Refresher Course in Engineering, Physical Sciences and Management from June 22, 2020 to July 4, 2020 organized by Bharati Vidyapeeth's Institute Of Computer Applications and Management (BVICAM), New Delhi.

- **NATIONAL WEBINAR SERIES**

  ➢ Participated in Live Webinar on "Virtual Education Training though Microsoft Teams" on May 8, 2020 and awarded Microsoft in Education certificate on completion of Microsoft Innovative Educator Program.

  ➢ Participated in National Webinar Series on "Current Trends in IT 2020" from June 10-14,2020 organised by Department of MCA, JSPM's Rajarshi Shahu College of Engineering, Pune, Maharashtra, India.

  ➢ Webinar on "Coorporate Expectations" on June 5, 2020, organised by Department of Computer Science Engineering and Information Technology, Chameli Group of Institutions, Indore.

  ➢ Participated in Webinar on "Virtual Education Training though Microsoft Teams" on August 27, 2020 and awarded Microsoft in Education certificate on completion of Microsoft Innovative Educator Program.

- **FACULTY DEVELOPMENT PROGRAM**

  ➢ Participated in one week FDP programme on "Research Methodology and Quality Research Paper Writing/Publishing in High Impact Journals" from April 5-12, 2021 organised by Shri sunshine Group of Institutions (SGI), Rajkot.

  ➢ Participated in two days Faculty Development Program on "Online Teaching Tools" from August 4 - 5, 2020 organised by Department of Computer Science, St. Bede's College, Shimla.

  ➢ Participated in one week FDP programme on "Open Source Tool on Research" from June 8-14, 2020 organised by Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi.

➢ Participated in FDP on "GST using Tally release 6.6" on June 8, 2020 organised by Tally Education Private Limited.

➢ Participated in 5 days FDP on "Artificial Intelligence and Machine Learning" from June 3-7, 2020 organised by Department Of Computer Science Engineering, RISE Engineering Sai Gandhi Group Of Institutions, Ongole, Andhra Pradesh.

➢ Participated in FDP on "GST using Tally release 6.6" on August 7, 2020 organised by Tally Education Private Limited.

➢ Participated in one day FDP on "Perspectives of Modern Teaching Techniques" on September 22, 2017 organized by St. Bede's College, Shimla and IBS ICFAI School.

➢ Participated in one day FDP on "Research Methodology" on April 23, 2015 organized by St. Bede's College, Shimla and IBS School.

➢ Participated in two-day FDP on August 27-28, 2015 organized by St. Bede's College, Shimla conducted by M.R. Pai Foundation jointly with Forum of Free Enterprise.

- **ORIENTATION PROGRAMME**

➢ Attended orientation Programme for Academic Counsellors organised by IGNOU Regional Centre, Shimla from February 16-17, 2013.

- **WEBINAR/ FACULTY DEVELOPMENT PROGRAM ORGANIZED**

➢ Organised a Webinar on "Digitization during Covid-Pandemic: w.r.t. Cybersecurity" on June 30, 2021

➢ Organised a Webinar for faculty members on "National Education Policy-2020" on September 21, 2020.

➢ Organised two days Faculty Development Program from August 4 - 5, 2020 on "Online Teaching Tools".

➢ Organised one day National Seminar on "Let's Frolic with the Technoplenum" at St. Bede's College, Shimla

➢ Organised two day National Workshop cum Championship on Android on September 11-12, 2015 in collaboration with IIT, Bhuvneshwar.

➢ Organised two day National Seminar on "Web Based Technologies: Present & The Future" April 30-May 1, 2015 at St. Bede's College, Shimla.

➢ Organised 10 days Microsoft Windows 8 Development Training and Certificate Program and Hackathon from September 24 - October 2, 2013 for BCA, B.Com, B.Sc. students of the college.

- **RESOURCE PERSON**

➢ Appointed as practical examiner at Govt. College, Sanjauli and University College of Business Studies, Shimla

➢ Resource Person for MCA and PGDCA classes at ICEDOL, HP , Shimla

- **COUNSELLOR**

➢ Academic Counsellor for M.Sc. DFSM of Indira Gandhi National Open University.

- **BOOK PUBLISHED**

➢ Edited a book on the proceedings of the National Seminar on "Web Based Technologies: Present & The Future" with ISBN No. 978-81-926194-9-1