Dr. ANKUR SHARMA
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9418039795 (M)

Career Objective

To pursue a challenging and progressive career in the field of computer science and to use my skills in the best possible manner to achieve the goals of the institution.

Educational Qualifications

- ➢ **Master of Science** in Computer Science from S.O.S Jiwaji University, Gwalior in 1999.
- ➢ **Bachelor of Science (B.Sc.)** from Himachal Pradesh University, Shimla in April 1997.
- ➢ **Plus Two** from Himachal Pradesh Board of School Education, Dharamshala in March 1994.
- ➢ **Matriculation** Examination from Himachal Pradesh Board of School Education, Dharamshala in March 1992.

Research Degrees

- ➢ **Doctorate** from Banasthali University, on "Soft computing based early detection of CAD (coronary artery disease) using cardiac non-invasive imaging modalities" under the supervision of Prof. (Dr.) Saurabh Mukherjee, Department of Computer Science, Banasthali University, in June 2017.
- ➢ **Master of Philosophy (M.Phil.)** in Computer Science from Alagappa University in February 2008.

Work Experience

- ➢ Worked as a Lecturer in MLSM College, Sundernagar from 16-10-2002 to 18-07-2009.
- ➢ Worked as Assistant Professor in Computer Application in Department of Higher Education, Himachal Pradesh on contract basis from 18-07-2009 to 30-06-2015.
- ➢ Worked as Assistant Professor in Computer Application in Department of Higher Education, Himachal Pradesh on regular basis from 01-07-2015 to 20-09-2022 (A.N.).
- ➢ Presently working as a Coordinator in the Department of Computer Application, Sardar Patel University, Mandi since 20-09-2022 .

Area of Interest

- ➢ Operating System, Software Quality.

Orientation Programme / Refresher Course / FDP

1. Successfully attended the Induction Training Programme organized by G.C.T.E. Dharamshala from 24-12-2012 to 05-01-2013 with A grade.
2. Successfully attended the Faculty Development Programme on Innovation and Recent Trends in Data Analysis ,organized by FDC Banasthali Vidyapith from 26-12-2016 to 31-12-2016 sponsored by Ministry of HRD,GOI.
3. Successfully attended the Orientation Course organized by HRDC, University of Jammu from 04-12-2017 to 31-12-2017 sponsored by UGC with A grade.

4. Successfully attended the Refresher Course organized by HRDC, University of Jammu from 19-11-2018 to 10-12-2018 sponsored by UGC with A grade.
5. Successfully attended the Faculty Development Programme on " LaTex ", organized by Govt. College Una from 15-05-2020 to 20-05-2020 sponsored by Spoken Tutorial, IIT Bombay(NMEICT), MHRD, GOI.
6. Successfully attended the two weeks Faculty Development Programme on " Emerging Research Trends in Computer Science and IT", organized by BVICAM, New Delhi from 08-06-2020 to 19-06-2020.
7. Successfully attended the two weeks Refresher Course in Computer Science organized by Teaching Learning Centre in collaboration with Department of Computer Science, Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 02-05-2022 to 16-05-2022 with A+ grade.
8. Attended a five-day Faculty Development Program on "Development of e-content Avoiding Plagiarism" from 24-06-2020 to 28-06-2020 organized by Govt. College for Women Parade Ground , Jammu.

Events Organised
1. Co-ordinated Workshop on "Computer Literacy" at Vallabh Govt. College Mandi, Himachal Pradesh from 24-03-2011to 29-03-2011 organized under the Star College Scheme of GOI, Ministry of Science & Technology, Department of Bio-Tech.
2. Co-ordinated Workshop on "WORD,POWER POINT & INTERNET" at Vallabh Govt. College Mandi, Himachal Pradesh from 26-03-2012 to 31-03-2012 organized under the Star College Scheme of GOI, Ministry of Science & Technology, Department of Bio-Tech.
3. Member of Organizing Committee of Him Science Congress Association , Himachal Pradesh for 3rd Annual National Conference on "Science : Emerging Scenario & Future Challenges – III " held at Vallabh Govt. College Mandi, from 11-04-2015 to 12-04-2015.
4. Organising Secretary for 6 Days Remote Faculty Development Programme on "Introduction to Libre Office Suite Writer & Calc" organized by Vallabh Govt. College Mandi in association with Spoken Tutorial IIT Bombay from 27-04-2020 to 02-05-2020.

Oral Talks
1. Presented Oral Talk on "Review of various aspects of CAD" at 3rd Annual National Conference on "Science : Emerging Scenario & Future Challenges – III " held at Vallabh Govt. College Mandi, from 11-04-2015 to 12-04-2015 by Him Science Congress Association , Himachal Pradesh.

Computerisation
1. **Developed** and implemented On-Line Admission Software for Vallabh Govt. College, Mandi.
2. **Integrated** Hostel Admission Module in On-Line Admission software of Vallabh Govt. College, Mandi.

3. **Integrated** Fund Management Module in On-Line Admission software of Vallabh Govt. College, Mandi.
4. **Restructured** and implemented official website of Vallabh Govt. College, Mandi.

Invited Talks / Special Lectures
1. Delivered lectures as Resource Person in ICT Workshop at Regional Training Centre, HP, Zone III (Mandi) DAV Centenary Public School, Mandi on 28-11-2015.

Nodal Officer
1. Worked as a Nodal Officer for Vallabh Govt. College, Mandi for All India Survey on Higher Education (AISHE) from the Session 2010-2011 till Session 2020-21.
2. Worked as a Nodal Officer for Vallabh Govt. College, Mandi for Spoken Tutorial.

Membership
1. Life Membership of IAENG (International Association of Engineers) , Hong Kong ID 262291.
2. Membership of International Computer Science and Engineering Society (ICSES) ID 8949.
3. Life Membership of IAENG Society of Software Engineering.
4. Him Science Congress (HPCSA).
5. Life Membership of IAENG Society of Imaging Engineering.
6. Life Membership of International Journal of Information Technology(BJIT) ISSN NO.0973-5658 ID 22206.

Research Publications

International Journals
1. "Fuzzy Inference Model for the Detection of Coronary Artery Blockage in Non-Invasive Imaging Modalities", Published in International Journal of Engineering Research and Development, Peer Reviewed Journal, () e-ISSN : 2278-067X,p-ISSN : 2278-800X, www.ijerd.com Volume-12, Issue 7 (July 2016),PP 41-46.
2. "A Short Review of Early Detection of CAD in the Human Heart" Published in International Journal of Advancement of Engineering Technology, management & Applied Science, ISSN NO. 2349-3224, Volume 3, Issue 6 June 2016 Page No.87 to 90.
3. "Analysis and Interpretation of Coronary Artery Blockage using Soft Computing Techniques" Published in IOSR, Journal of Computer Engineering(IOSR-JCE) ,e-ISSN: 2278-0661,p-ISSN: 2278-8727,Volume18, Issue 5, Ver. II (Sep.-Oct 2016),PP 74-80.
4. "Optimum Pixel Fuzzy Image Analysis To Detect Coronary Artery Blockage" published in International Journal Of Research In Computer Science And Management, IJRCSM (ISSN:2321-8088, E-ISSN:2455-5665), Vol.4, No.1, December 2016.
5. "A review paper on cognitive neuroscience" Presented in International Conference on Communication and Computing Systems-Prasad et al.(Eds), CRC press, Taylor and Francis Group, London, ISBN 978-1-138-02952-1 2017.

6. "A Gentle Review on medical image processing" presented at 11th INDIACom-2017, Conference ID: 40353 in 4th International Conference on "Computing for Sustainable Global Development " held on 01-03-2017 to 03-03-2017 at Bharti Vidyapeeth Institute of Computer Applications and Management (BVICAM) New Delhi ISSN 0973-7529 : ISBN 978-93-80544-24-3.
7. "A Hybrid System for Detection and Diagnosis of Novel Corona Virus " Presented in ICAMSER-2021 published in AIP Conference Proceedings 2451, 020042(2022). Published online on 07-10-2022.

Book Chapter
1. **Book chapter** has been published in the Book titled: "**Interdisciplinary Research for Sustainable Development, Vol. 3**", an Open Access book with **ISBN:** 978-81-955884-6-6 and having chapter name "Tendency to discover factors for product returns in the Apparel e-commerce Industry" at page number 41.

Patent
1. **Patent Granted** by Australian Government with Patent Number 2021101151 on 21-04-2021 for Wearable Device for Alzheimer's Patients.

International Conference India
1. **Presented a paper** on "National Resource Management for Socio- Economic Development of Western Himalayas : Opportunities and Challenges", in the International Conference Multi-Disciplinary International Conference on Natural Resource Management for Socio-Economics Development of Western Himalayas: Opportunities & Challenges, held on 10-08-2019 to 12-08-2019 at Vallabh Govt. College Mandi in collaboration with IIT Mandi.

National Conference (05)
1. **Presented a paper** on "The Role of Information and Communication Technologies in Socio- Economic Development of Mandi", in the National Conference on History and culturenof Mandi Town, held on 15 -02-2022, at VGC Mandi.

International Conference Chaired
1. **Chaired a session** of the International Conference on "Advances in Multi-Disciplinary Science and Engineering Research" held on 02-07-2021 to 03-07-2021 ICAMSER-2021 at Chitkara University.
2. **Chaired a session** of the International Conference on "Recent Trends in Bio and Material Sciences" held on 10-10-2022 to 11-10-2022 at Sardar Patel University, Mandi.

Paper Reviewer
1. Reviewed research papers for

Seminars/Workshops/Conference Attended

1. Attended a three-day Workshop on "Usage of Student Management Information System Utilities" from 06-01-2011 to 08-01-2011 at UGC Academic Staff College, Himachal Pradesh University, Shimla.
2. Attended a two-day Seminar on "Consumer Protection & Empowerment" from 13-07-2015 to 14-07-2015 organized by Govt. College of Teacher Education, Dharamshala in collaboration with Centre for Consumer Studies, IIPA New Delhi.
3. Attended a one-day Seminar on " Challenges of Present-day Teaching in Higher Education" on 28-03-2018 organized by Govt. College Jukhala, Distt. Bilaspur.
4. Attended a three-day Workshop on "Free and Open Source Software" from 25-07-2019 to 27-07-2019 at MLSM College Sunder Nagar organized in collaboration with Spoken Tutorial Project, IIT Bombay.
5. Attended a one-day National Conference on "Issues and Challenges in Higher Education - II" on 05-12-2019 organized by HGCTA, Himachal Pradesh.
6. Attended a five-day National Webinar on "Development of e-content Avoiding Plagiarism" from 24-06-2020 to 28-06-2020 organized by Govt. College for Women Parade Ground , Jammu.
7. Attended a one-day State Webinar on "Flora and Fauna of Kerala state " on 30-05-2020 organized by EBSB club of Govt. College Bilaspur, HP.
8. Attended a ten-day Webinar series on "Basic Mathematics Workshop " from 11-06-2020 to 20-06-2020 organized by Chitkara University, HP.

Additional Information

1. **In-charge** of IT Laboratory of the Computer Science Department, Vallabh Govt. College Mandi from 18-07-2009 to 20-09-2022.
2. External Examiner & Paper Setter for various Universities including H.P. University.

Administrative Member

1. Member of Board of Studies, (PG & UG) in Computer Science, S.P. University, Mandi.
2. Member of various **selection committees** as subject expert.
3. Member of various **inspection committees** of S.P. University.Mandi as subject expert.

Personal Details

Father's Name	:	Sh. M.L. Sharma
Address	:	Shree Niwas, House No. 128/7, Banayak , Near Employment Exchange, Bhojpur, Sundernagar. Distt. Mandi. Himachal Pradesh.
Present Designation	:	Assistant Professor, Computer Science Department, Sardar Patel University, Mandi.

(Ankur Sharma)