

## Kapil Sharma

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### Assistant Professor (Computer)

Department of Physical Sciences and Languages  
College of Basic Sciences,  
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<b>Experience Summary</b>	<p>Over Ten years in Teaching Computer Science and computer Maintenance.</p> <p>Strength lies in System Designing, Programming in C and Visual Basic, Development of excel templates and VBA scripting, Database Applications in Microsoft Access and FoxPro, Website Designing using FrontPage, Designing presentations with Microsoft PowerPoint, HTML &amp; scripting, Troubleshooting various software or hardware related problems in PCs.</p>
<b>Jan 2001 – Till Date</b>	<p><b>Institution:</b> College of Basic Sciences CSK Himachal Pradesh Agriculture University, Palampur, Himachal Pradesh, India</p> <p><b>Designation:</b> Assistant Professor (Computer)</p>
<b>April 2000 – Oct 2000</b>	<p><b>Institution:</b> Neugal Public Sr. Sec School Bindraban (Palampur) Palampur, Himachal Pradesh, India</p> <p><b>Designation:</b> PGT (Computer Science)</p>
<b>Dec. 1996 – June 1998</b>	<p><b>Company:</b> Sys Computers V.P.O. Baijnath Distt. Kangra Himachal Pradesh, India</p> <p><b>Job Title:</b> Hardware Technician</p>

<b>Education</b>	
<b>Master of Technology (M.Tech.)</b> Computer Science & Engineering	<b>Year:</b> 2006 <b>University:</b> Allahabad Agricultural Institute, Allahabad <b>Subjects:</b> Mobile Computing & eCommerce
<b>Master of Science (M.Sc.) Computer Science (Software)</b>	<b>Year:</b> 2003 <b>University:</b> Kurukshetra University, Kurukshetra <b>Subjects:</b> Adv.DBMS, AI & Expert System, OOP, JAVA, Visual Basic, ORACLE, Comp. Graphics and Multimedia, Op. Sys.
<b>Master of Science (M.Sc.) Physics</b>	<b>Year:</b> 2000 <b>University:</b> Dr. B. R. A. University, Agra <b>Subjects:</b> Spl. in Electronics and Radio Communication
<b>Postgraduate Diploma in Computer Applications (P.G.D.C.A.)</b>	<b>Year:</b> 1998 <b>University:</b> Kurukshetra University, Kurukshetra <b>Subjects:</b> Files, Data Structures, PASCAL, C, Unix & Dbase III, System Analysis & Design
<b>Diploma in Software (Six Months)</b>	<b>Year:</b> 1998 <b>Institute:</b> India Education Centre (IEC) Palampur Centre <b>Subjects:</b> FoxBase, C, Wordstar, Lotus123 & DOS
<b>Bachelor of Education (B.Ed.)</b>	<b>Year:</b> 1996 <b>University:</b> University of Jammu, Jammu <b>Subjects:</b> Teaching of Science, Teaching of Mathematics
<b>Bachelor of Science (B.Sc.)</b>	<b>Year:</b> 1995 <b>University:</b> Himachal Pradesh university, Shimla <b>Subjects:</b> Physics, Chemistry & Mathematics (Non-Medical)
<b>Senior School (10+2)</b>	<b>Year:</b> 1993 <b>College:</b> G.G.D.S.D. College, Baijnath(H.P.) <b>Board:</b> H. P. Board, Dharamsala <b>Subjects:</b> Physics, Chemistry, Mathematics, English
<b>Secondary School (10)</b>	<b>Year:</b> 1990 <b>School:</b> St. Paul's High School, Palampur. <b>Board:</b> H. P. Board, Dharamsala <b>Subjects:</b> English, Hindi, Mathematics, Science, Social Science, Urdu, Arts

<b>Technical Expertise</b>	
<b>Development Tools &amp; Languages</b>	Microsoft Visual Basic, Visual C++, C, C++, Java, HTML, FORTRAN, BASIC, Pascal
<b>Operating Systems</b>	Windows 2003, Linux, UNIX, Windows XP, Windows 2000, Windows 9x, DOS
<b>RDBMS and Database Management</b>	MS-Access, ORACLE, FoxPro, dBase III, MySQL
<b>Networks and Networking Protocols</b>	TCP/IP over LINUX, Windows
<b>Software Packages</b>	MS-Office, VBA, Microsoft Internet Technologies, Netscape and other internet, PageMaker  Image Processing Software, CorelDraw, Magnus Pro used in conjunction with stereo trinocular microscope

<b>Job Profile</b>	
<b>Teaching</b>	<ul style="list-style-type: none"> <li>• Post graduate computer courses in Programming in C, FORTRAN and General Computing Applications.</li> <li>• Undergraduate computer courses of General Computing Applications, Programming in C, BASIC, FoxPro, MS Word, MS Excel, MS PowerPoint in B.Sc., B.Sc. (Home Science), B.Sc. (Agriculture)</li> </ul>
<b>Website</b>	Assisted in designing Website of College of Basic Sciences & its affiliated Departments.
<b>Development</b>	<ul style="list-style-type: none"> <li>• Developed Computerised approach to summarize the data collected for Framing District Agriculture Plan for Dept of Agriculture, Govt of H.P.</li> <li>• Developed Software for Admission screening and Issuing Identity cards for the College of Basic Sciences, CSKHPKV, Palampur.</li> <li>• Developed software for result compilation of the College.</li> <li>• Member of Committee for Computerization of the University.</li> <li>• Automated the result compilation of Academic Branch of the University.</li> <li>• Automated the budget compilation of the College.</li> <li>• Automated the stores section of the Department.</li> </ul>

<b>Miscellaneous</b>	<ul style="list-style-type: none"> <li>• Assisted in Managing University Network Services (UNS) in the University.</li> <li>• General Maintenance and troubleshooting of computers in the University.</li> <li>• Responsible for arrangement of multimedia projections in the College.</li> <li>• Member Expert in Sale/Purchase Committee for Computers.</li> <li>• Organizing computer trainings for the teaching and Non-teaching staff of the university.</li> <li>• Designing of Posters/Handouts for various activities of the College.</li> </ul>
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<b>Invited Lecture</b>	
<b>March, 2003</b>	<p><b>Name:</b> Use of Microsoft Excel</p> <p><b>Workshop:</b> Training for PGTs of Jawahar Navodaya Vidyalaya</p> <p><b>Venue:</b> Jawahar Navodaya Vidyalaya, Paprola (H.P.)</p>
<b>December, 2004</b>	<p><b>Name:</b> FORTRAN Programming for Physics</p> <p><b>Workshop:</b> Curriculum related Computer Studies for College Cadre Lecturers</p> <p><b>Venue:</b> Government College, Dharamshala</p>
<b>January, 2006</b>	<p><b>Name:</b> Use of Computers by Laboratory Technicians</p> <p><b>Workshop:</b> Training Programme on Laboratory Management for Laboratory Assistants</p> <p><b>Venue:</b> College of Basic Sciences, CSK HPKV, Palampur (H.P.)</p>

<b>Books/Manuals Published</b>	
<b>Laboratory Manual</b>	<p>“An Introduction to Microsoft Office”</p> <p><i>Laboratory Manual for students of CSKHPKV, Palampur</i></p> <p>This manual is designed specifically for the students who are working with a computer for the first time. This manual provides a deep insight into the features and functionalities available in core Microsoft Office Applications along with an overview of Microsoft Windows operating system.</p>

<b>Annual Progress Report</b>	Compiled, Designed and Published Annual Progress Report of College of Basic Sciences for 2003-04, 2004-05 and 2005-06
<b>Course Catalogue</b>	Compiled, Designed and Published Course Catalogue of College of Basic Sciences.  This catalogue provides complete information on all the Undergraduate and Postgraduate courses offered by all the constituent departments of the College.
<b>College Magazine</b>	Compiled and Designed the College Magazine 'Vigyan Punj' (2010) was Editor of Technical Section.

<b>Workshops/Trainings organized/attended</b>	
<b>Sept. 21, 2010</b>	Attended One Day training Programme on Agropedia organized by IIT, Kanpur at CSKHPKV, Palampur.
<b>Sept. 18-19, 2003</b>	National Symposium on Food and Nutritional Security: Technological Interventions and Genetic Options organized Jointly by College of Basic Sciences, CSKHPKV, Palampur and College of home Science, Haryana Agricultural University, Hissar at CSK HPKV, Palampur  Role: Computer Infrastructure Arrangement, Multimedia projection, workshop proceeding compilation and publication etc etc
<b>Sept. 24, 2003</b>	Satellite Seminar on Biochemical Approaches for Crop Improvement-Opportunities and Challenges organized by ISAB (Palampur) at CSK HPKV, Palampur (H.P.)  Role: Computer Infrastructure, Multimedia projection, workshop proceeding compilation and publication, Transport arrangement.
<b>April 2 - 4, 2004</b>	International Workshop on Protocols and Methodology in Allelopathy, organized by International Allelopathy Society and CSK HPAU, Palampur  Role: Computer Infrastructure, Multimedia projection, workshop proceeding compilation and publication, Boarding and logging, Refreshments.
<b>January 15 - 21, 2005</b>	Training of Laboratory Management for Laboratory Assistants, Organized by Department of Chemistry and Biochemistry, College of basic Sciences, CSK Himachal Pradesh Agricultural University, at College of Basic Sciences, CSK HPKV, Palampur (H.P.)  Role: Computer Infrastructure, Multimedia projection, workshop proceeding compilation and publication, Designing of CD of compiled lecture notes.

<p><b>January 15-21, 2006</b></p>	<p>2nd Training of Laboratory Management for Laboratory Assistants, Organized by Department of Chemistry and Biochemistry, College of basic Sciences, CSK Himachal Pradesh Agricultural University, at College of Basic Sciences, CSK HPKV, Palampur (H.P.)</p> <p>Role: Resource person, Computer Infrastructure, Multimedia projection, workshop proceeding compilation and publication, Designing of CD of compiled lecture notes.</p>
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<p><b>Member Expert</b></p>	
	<p>Paper Setter for Assam Agriculture University, Jorhat.</p> <p>External Examiner for conducting Practical Examination of BCA at KLB DAV College, Palampur</p> <p>Member Expert for recruitment of Computer Teachers at Kendriya Vidyalaya, Palampur HP.</p> <p>External Examination expert for conducting exams for Kendriya Vidyalaya, Palampur HP.</p>

<p><b>Personal Information</b></p>	
<p><b>Father's Name</b></p>	<p>Sh. R. R. Sharma</p>
<p><b>Date of Birth</b></p>	<p>April 24, 1976</p>
<p><b>Sex</b></p>	<p>Male</p>
<p><b>Marital Status</b></p>	<p>Married</p>
<p><b>Nationality</b></p>	<p>Indian</p>
<p><b>Languages</b></p>	<p>English, Hindi, Punjabi</p>
<p><b>Permanent Address</b></p>	<p>House No. M/359-C, Ward No.-7, Behind Gurudwara Palampur Distt.-Kangra (H.P.) 176061</p>
<p><b>Address for Correspondence</b></p>	<p>House No. 32, Housing Board Colony, Bindraban Tehsil – Palampur, Distt.-Kangra (H.P.) 176061</p>