



## **Dr. RUPAK SHARMA**

[MCA, M.Tech(CS), Ph.D(CSE)]

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### **Objective:**

To work in a challenging and dynamic environment, to keep adding value to myself and simultaneously contribute to the growth and success of the organization, I represent.

**Total Experience:      11 year's**

### **Summary of Experience:**

#### **1<sup>st</sup> August '08 To Till date**

Currently, I am working as a **Asst. Professor** in Department of Computer Application's at **SRM University (Deemed University), NCR Campus, Delhi-Meerut Road, Modinagar (Ghaziabad)-U.P.**

#### **01<sup>st</sup> January '05 To 31<sup>st</sup> July'08**

Worked as a **Lecturer** in Department of Computer Science from **I.P. College, (Affiliated to Ch.C.S.University, Meerut-U.P) Bulandshahr (U.P.)**.

#### **05<sup>th</sup> January'02 To 31<sup>st</sup> December '04**

Worked as a Sr. Research Fellow (Computer Application) from Project Directorate for Cropping System Research (Indian Council of Agriculture Research), Meerut (U.P)-India.

### **OTHER RESPONSIBILITY:**

- Acted as Exam-Coordinator in all type of competitive exams such as SRM University and Sessional examination.
- Worked as a paper setter for different Universities at Graduate and Post Graduate level .
- Paid responsibilities as an Internal and External examiner for under Graduate Post Graduate courses for different Universities.
- Evaluated theory answer books of under Graduation and Post Graduation courses run by SRM University and other Universities.

- Guiding M.Phil (cs) and M.Tech Students for thesis project work
- Active Member of Anti-Ragging Committee
- Active Member of Practorial Board (Discipline Committee)
- Responsibility hold as Acting HOD (time to time), Discipline Incharge and Time Table Incharge and Subject Distribution Incharge Department of Computer Application in SRM University, NCR Campus, Delhi-Meerut Road, Modinagar

### **Qualification:**

- Completed **Ph.D (2012) in Computer Science and Engineering** from Singhania University, Pachari Bari, Distt. Jhunjhunu, Rajasthan
- Master of Technology(2005)(**M.Tech (Computer Science)**) from J.N.R.V. Rajasthan Vidyapeeth, Udaipur (Rajasthan)- India
- Master of Computer Application(2001) (**MCA**) from M.I.ET, Meerut (Affiliated to V.B.S.P.University, Jounpur (U.P)- India)

### **Other Qualification:**

- ❖ Completed Six Month's live project training "Developed and Design BSNL Meerut Website" from CGO Complex , **Ministry of Information Technology(Govt. of India)**, Lodi Road, New Delhi
- ❖ Completed One Year Computer Diploma (1997-98) from Indian Institute of Hardware Technology (IIHT), Meerut
- ❖ Completed Six Month Certificate Course (June 1999) from IGNOU, New Delhi.
- ❖ Attend Five day (June 20, 2005 to June 25,2005) training program "**GIS-Remote Sensing on ERDAS-8.7**" at Project Directorate for Cropping Systems Research, Modipuram, Meerut
- ❖ Attend Five day (June 29, 2005 to July 2,2005) training program "**GIS-Remote Sensing on ENVI-4.1**" at Project Directorate for Cropping Systems Research, Modipuram, Meerut

### **TECHNICAL SKILLS:**

- OPERATING SYSTEM : MS-Dos, windows 98/ XP/NT/7, Linux-12,
- STATISTICAL SOFTWARE : SPSS-10.0, INDOSTAT
- LANGUAGES : Java, HTML, DHTML, ASP, JSP, Java Script
- WEB DESIGNING TOOL : Photo Shop, Photo Deluxe, Animagic, Flash, Dreamweaver, Map Designer Pro, GIF Animator, Cold fusion, 3D Max etc.
- GUI : Visual Basic-6
- RDBMS : Oracle – 8, MS-Access-2000
- PACKAGES : MS-Office, Dbase, Foxpro, Front-Page 2k, Coral Draw-11

➤ GIS Tools : Arc GIS 8.3, ILWIS-3.2, ERDAS-8.7,ENVI-4.2

## **Projects Executing under PDCSR :**

### **1. Cropping Systems Based Information System:**

A Information System of cropping systems databases along with thematic maps had been designed and developed along with a User-friendly interface to analyse the Crop Diversification & Intensification areas and to find the effecting issues on crops diversification and crop yields.

My role in this project Analysis , Design & Development of Databases and Website using Oracle 8i Cold Fusion, Dreamweaver.

Software's Used : ERDAS-8.7,Arc Info, Arc GIS, Cold Fusion, Dreamweaver, JavaScript, Oracle, MS Access, Visual Basic, Apache Web Server, Window XP,etc

### **2. Decision Support System for Cropping System Analysis:-**

A Decision Support System of cropping systems databases along with 80 forms had been designed and developed along with a User-friendly interface. My role in this project Design & Development of different form and database using Visual Basic-6 and MS-Access.

### **3. Rice-Wheat Cropping System based Module:**

Design & Developed User friendly module of "Atlas of Rice-Wheat Cropping System in Indo Gangetic Plains of India" using Visual Basic-6 ,PowerPoint, Photo Editor, Paintbrush.

### **4. Questionnaire (Survey Performa) Based Data Entry Module:-**

Design & Developed Survey Performa (Questionnaire) for purpose is entry Survey data and create database using Visual Basic-6 and MS-Access database software.

### **5. Scientists Assessment Package :** A software to support in evaluation of the scientists progress and research quality is under development. Requirement analysis and database development were completed.

Softwares Used :JSP, Oracle 8i, D2K, Apache Web Server, Window2000, XML

### **6. Web site design for Project Directorate for Cropping Systems Research, Modipuram, Meerut**

Designed website <http://www.pdcsr.ernet.in>

HTML, DHTML, Java Script, Animation Software, Photoshop, Coldfusion-4.5

FrontPage or Dream weaver, Banner Pro Software, Design graphics,

Maintenance and updates.

## **Relevant Information about Projects:**

### **❖ Website design for Bharat Sanchar Nigam Limited, Meerut**

Designed website "http://www.bsnlmeerut.com"

### **❖ Website design for Meerut Institute of Engineering and Technology, Meerut**

### **Membership of Society:**

- International Journal of Computer Science and Communication(IJCSC), <http://www.mairec.org>
- International Journal of Research in IT and Management
- Indian Science Congress

### **Conferences/Seminars/Workshops/Research Paper:**

**(A)Papers** : **09**

- ▶ Papers Published in international Journals : 06
- ▶ Papers Published in national Journals : 02
- ▶ Popular Abstracts : 01

**(B) Seminar/Workshop/Conference attended:** : **09**

- ▶ International : 02
- ▶ National : 07

### **International Research Paper:**

- **Rupak Sharma, Sohan Lal** ( July 2012) Paper published on the title "A Survey of Routing Security System in Mobile AD-HOC Networks" in the International Journal of Engineering and Science Research Vol-2, Issue-7 of July 2012.(details is on [www.ijesr.org](http://www.ijesr.org))
- **Rupak Sharma,Rajeev Kr. Sharma & Manoj Kumar** (February 2012) MANET:The essential Technology for Pervasive Computing, Published in International Journal of Research in Information Technology and Management. Volume 2, No-2 pp-1107-1118
- **Manoj Kumar, Rajeev Kr. Sharma & Rupak Sharma** (July 2011) Software Process Assessment and Improvement Model in Software Development Life Cycle, Published in International Journal of Research in Information Technology and Management. Volume 1, No-3 pp-20-27
- **Rajeev Kr. Sharma,Rupak Sharma & Shailendra Raj** (Jul-Dec 2011) The Role of Automatic Dynamic Update to Improve an Operating System Availability, Published in International Journal of Information and Knowledge Management. Volume 4, No-2 pp-355-360
- **Rajeev Kr. Sharma,Rupak Sharma & Shailendra Raj** (Jan-Jun 2011) Confronts and Issues in M-Commerce-A Business on Mobile and Net Approach, Published in International Journal of Information and Knowledge Management. Volume 4, No-1 pp-51-55
- **Rajeev Kr. Sharma,Rupak Sharma & Shailendra Raj** (Jan-Jun 2011) Dynamically Updating the Message Passing in Distributed Systems, Published in International Journal of Computer Science and Communication. Volume 2, No-1 pp-137-142

## National Research Paper:

- **Rupak Sharma and Rajeev Kr. Sharma (2011)** Routing Security System in Wireless Ad-Hoc Networks, Published in National Journal of Information and Communication Technology-Challenges & Business Opportunities, IMR-Muradnagar, pp-328-333
- **Y.N.Prajapati, Jitendra Singh and Rupak Sharma (6-7<sup>th</sup> Oct 2009)** Application of Pumping Lemma using Pigeonhole Principle, Published in National Journal of e-Governance for Rural Development, SRM University, NCR Campus, Modinagar, pp-131-133

## (C) Organization of Lecture/Training Program:

- I participated as Information Facilitator in Two days(13 & 14 Nov,2006) training programme (B.Tech (Biotechnology) Students, SVBP & T,University, Modipuram) entitled " **Introduction of Manual Observatory Equipments**", which was organized at Automatic/Manual Observatory, Project Directorate for Cropping Systems Research(Indian Council of Agriculture Research), Modipuram , Meerut(U.P)-India.
- I participated as Information Facilitator in One day(11 Aug,2006) training programme (Post Graduate/Graduate Students, SVBP & T,University, Modipuram) entitled " **Introduction of Manual Observatory Equipments**", which was organized at Automatic/Manual Observatory, Project Directorate for Cropping Systems Research(Indian Council of Agriculture Research), Modipuram , Meerut(U.P)-India.
- I participated as Information Facilitator in One day(14 Nov,2005) training programme (Post Graduate/Graduate Students, SVBP & T,University, Modipuram) entitled " **Introduction of Manual Observatory Equipments**", which was organized at Automatic/Manual Observatory, Project Directorate for Cropping Systems Research(Indian Council of Agriculture Research), Modipuram , Meerut(U.P)-India.
- I participated as Information Facilitator in One day(20 Oct,2005) training programme (Post Graduate/Graduate Students, SVBP & T,University, Modipuram) entitled " **Introduction of Manual Observatory Equipments**", which was organized at Automatic/Manual Observatory, Project Directorate for Cropping Systems Research(Indian Council of Agriculture Research), Modipuram , Meerut(U.P)-India.
- I participated as Computer instructor (Topic is **Web page design using Frontpage**) in 7 days(8-13 Sept.2004) training programme(KVK Govt. Employ) entitled "Computer Application in Agriculture",

which was organized at ARIS Cell, Project Directorate for Cropping Systems Research(Indian Council of Agriculture Research), Modipuram , Meerut(U.P)-India.

- I participated as Computer instructor (Topic is **MS-Word,Excel & Powerpoint**) in 6 days(15-20 Dec.2004) training programme(KVK Govt. Employ) entitled "Computer Application in Agriculture", which was organized at ARIS Cell, Project Directorate for Cropping Systems Research(Indian Council of Agriculture Research), Modipuram , Meerut(U.P)-India.

**(D) Bulletin development:**

- Developed and Design Atlas (Using GIS Software) on “Rice Wheat Cropping System in the Indo Gangetic plains of India” at Project Directorate for Cropping System Research, Modipuram, Meerut (U.P)

**Extra Curricular Activities:**

Reading Books, Internet Surfing, Playing Badminton, Listening and singing Music, Playing Dholak and cango.

**Personal Information:**

Date o Birth : 28<sup>th</sup> June 1979  
Father's Name : Shri. S.B. Sharma  
Sex : Male  
Languages Known : English & Hindi  
Permanent Address : 158 Kailash Puri, Lane No-1, Meerut-250002 (UP)

**References:**

Name	Designation	Office Address& Phone No.
<b>Dr. P.S. Pandey</b>	Principle Scientist (Computer Application's)	Indian Statistical Research Institute (ICAR), New Delhi M.No.-09718395398
<b>Dr. K. K. Bansel</b>	Research & Publication Head	SRM-IMT (SRM University),NCR Campus, Modinagar-U.P. M.No.-09897043259
<b>Mr. K. K. Gautam</b>	Head of the Department(HOD)	SRM-IMT (SRM University),NCR Campus, Modinagar-U.P. M.No.-09410649777

Date :-----

Place :-----

(RUPAK SHARMA)