

Pratibha M. Umale

Current Status:

- Working as Lecturer From **1st Aug 2006** till date. at School of Electronics, Devi Ahilya University, Indore[M.P.]
- Teaching to M.Tech(Mobile Computing Technology), M.Tech (Spatial Information Technology), M.Sc. (Electronics) & M. Sc. (Electronics & Communication) at School of Electronics DAVV , Indore (M.P.)
- Course Coordinator of M.Tech (Embedded Systems) and M.Tech (Spatial Information Technology)

Educational Qualification:

- M.E. [Digital Communication] of DAVV. Indore from Institute of Engineering and Technology Indore. (M.P.) in 2006 with First Div.
- B.E. [Electronics & Communication Engineering] of R.G.P.V., Bhopal from Ujjain Engineering College, Ujjain (M.P.) in 2003 with First Div.
- XIIth Board of M.P. Board of Secondary Education, Bhopal from Little Flower H.S.School, Betul (M.P.) in 1998 with First Div.
- Xth Board of M.P. Board of Secondary Education, Bhopal from Little Flower H.S.School, Betul (M.P.) in 1996 with First Div.

Publications:

Ms. Pratibha Marskole Umale "**Design of Data Acquisition System for measurement of Power and Energy used for charging Capacitor Banks**" in National Conference on Computational Instrumentation NCCI 2010 organized by **CSIO** branch of **CSIR New Delhi** at Chandigarh during **19-20 March 2010**.

Training:

Successfully completed Five days training program on "**Introduction to ArcGIS**" from 08 Dec, 2008 to 12 Dec, 2008.

Technical Skill

- **Programming Languages** : Java
- **Engineering/Scientific Applications**: ArcGIS 9.2, PCI Geomatica 10.2.
- **Hardware skills**: Microcontroller 8051, Digital Electronics, Analog and Digital Communication tools

Areas of Interest:

Geographical Information System, Global Positioning System, Wireless Communication, Mobile Communication, and Remote Sensing.

Subjects Taught:

Geographical Information system, Global Positioning System, Analog & Digital Communication, Software Engineering and Satellite Communication.

Laboratory Work:

I was instrumental in setting up many new experiments for M.Tech and M.Sc. students listed below

- ArcGIS Lab.
- Geomatica Lab.
- Digital Electronics Lab.
- Communication Lab.

Guided Project

Every year guiding several Projects based on Geographical Information system to M.Tech students.

Workshop/ Conferences Attended:

Some of the Workshop/ Conferences attended are:-

- National Conference on Emerging Electronic and computing Systems organized by School of Electronics DAVV Indore during 29th March to 3rd April 2010.
- Participated in Conference of Shanti Swarup Bhatnagar Award Winners organized by Devi Ahilya University, July 17-19, 2009, Indore.
- Workshop on "Mobile Operating System" by Mr. S.R. Reddy, IGIT IP University, Delhi, conducted by School of Electronics on 24th – 25th April, 2009
- Workshop on "Software Component Technologies" by Dr. T.V. Gopal, Department of Computer Science & Engineering, Anna University, Chennai conducted by School of Computer Science at School of Electronics on 28th March, 2009
- Participated in National Conference on "Architecturing Future IT Systems" organized by School of Computer Science & Information Technology jointly with School of Electronics, Devi Ahilya University, Indore [M.P.] from 17-18 October, 2008.

Seminars/ Expert Lectures Attended:

Some of the Seminars and Expert attended are

- Expert Lecture on “Wireless Sensor Network” by Dr. (Mrs.) Subhalaxmi Khare, USA on 23rd July 2010 at School of Computer Science and Information Technology, DAVV, Indore.
- Tutorial on “Mobile System Programming” by Dr. S. N. R. Reddy, IP University, Delhi- on 29th March, 2010 at School of Electronics, DAVV, Indore.
- Tutorial on “GIS Technology & GIS Tools” by Dr. (Mrs.) P. Venkatachalam, Centre of studies in Resource Engg., IIT-Bombay, Mumbai- 30th March, 2010 at School of Electronics, DAVV, Indore.
- Tutorial on “Embedded Systems in Automobiles” by Mr. P. W. Dandekar, Complementary Centre Head: Embedded Systems (on-leave) Tata Technology, Pune, 30th March, 2010 at School of Electronics, DAVV, Indore.
- Software development for Embedded Systems-Component-based Approach by Dr. P. S. Grover, Delhi at School of Electronics, DAVV, Indore.
- Expert Lecture on “Real Time Operating System” by Prof. Rajkamal, DAVV- April 03rd, 2010. at School of Electronics, DAVV, Indore.
- Two days workshop on “Motivation” by Dr. S.W. Chitle on 16th -17th February, 2009. at School of Electronics, DAVV, Indore.
- Seminar as Value Addition Program in “Electronic Product Design” by Prof. Manish Patil, IIT, Pune, 10th Feb, 2009
- Expert Lectuer on “GIS and Remote Sensing” by Dr. S.K. Soni, Professor, Civil Engg. Department, SGSITS, Indore on 24th Jan, 2009.
- Expert Lecture on “Time Management” by Mr. Amit Bhattacharya, Head ICFAI Training Section at School of Electronics, DAVV, Indore on 06th Jan, 2009
- Seminar on “Ethical Hacking” by Ankit Fadia at DAVV Auditorium, Indore.
- Three days workshop on “Personality Development and Time Management” by Edge Makers in Nov, 2008 at School of Electronics, Davv, Indore..
- Seminar Presented by Dr. Rajkamal (Organized by Scientech) On topic “Embedded System” at Jal sabhagrah Indore – Aug, 07
- Seminar Presented by Prof. Rajkamal (Ex-Vice Chancellor, DAVV) on topic “Embedded Mobile System” at university auditorium. Seminar Presented by Dr. Prem Chand M/s Tech Mahindra on “Information Security” at Indore University Auditorium –Oct-2008.
- Seminar Presented by Mrs. Pallavi Saxena on “Language solutions for Microsoft and non-Microsoft platforms” at Indore University Auditorium –Oct-2008.
- Seminar Presented by Mr. Manoj Shrivastava, Reliance Group on “7 habits of highly effective IT architecture” at Indore University Auditorium –Oct-2008.
- Seminar Presented by Dr. Parag Kulkarni, Capsilon, Pune on “Building intelligent and learning systems” at Indore University Auditorium –Oct-2008.
- Seminar Presented by Dr. Narendra Gore, IBM on “Architecting for future 3D internet” at Indore University Auditorium –Oct-2008.
- Seminar Presented by Tata Consultancy Services on “Service Oriented Architecture-S/W Engineering” at IET, DAVV Indore-07th Apr, 2008.
- Seminar Presented by “Dr. Vijay Kumar”(University Of Missouri-Kansas City) at School of Computer science on topic i.e. “Mobile Databases” –JAN, 08
- Seminar Presented by Dr. Rajkamal(Organized by Scientech)On topic “Embedded System” at Jal sabhagrah Indore – Aug, 07

- Seminar Presented by Mr. Sandeep Manudhane(Director P.T. Education) on topic "Winning the World" at University Auditorium.
- Seminar presented Prof. Michel Wladschmidt (France) on topic "From classical arithmetic to information science" at Indore University- March,2007
- Seminar Presented by Prof. Rajkamal(Ex-Vice Chancellor, DAVV) on topic "Embedded Mobile System" at university auditorium
- Seminar presented Dr. T.V. Gopal on "Recent development in Software Engineering" at Indore University- March,2007
- Seminar Presented by Dr. P.W. Dandekar (Tata Technologies, Pune) on "The changing phase of automotive industry-opportunities for embedded and software engineers..." - Feb,2007
- Seminar Presented by Ankit Fadia on "Ethical Hacking"
- Seminar Presented by Dr. Mahendra Soda on "Excellence in Education" at Indore University Auditorium -Nov-2006.

Personal Profile:

- Name Smt Pratibha Marskole Umale
- Husband's name Shri Nilesh Umale
- Father's name Shri Durga Singh Marskole
- Mother's name Smt. Pushpa Marskole
- Date of Birth 20 june 1980
- Nationality Indian