CURRICULUM VITAE

Personal Profile

Name: Dinesh Vitthalrao Rojatkar

Date of Birth: 31st January 1975

Permanent Address: 06, Sarvodaya Colony, Congress Nagar Road, Amravati. Pin 444 606

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Language Known: English, Hindi and Marathi

Educational Profile (Anti Chronological)

Qualification	University	Year of passing	percentage
M.B.A (H.R.M)	Y.C.M.O.U. Nashik,	November 2006	60.48%
M. E. (Electronics)	SGBAU, Amravati	March 2003	64.54%
A.D.C.S.S.A.A.	BTE, Mumbai	August 97	66.71%
B. E. (Ele. & Tele.)	SGBAU, Amravati	March 1996	64.15%
H. S. C.	Amravati Board,	March 92	55.00%
S. S. C.	Nagpur Board	March 90	63.00%
Graduate Aptitude Test in Engineering	Ministry of HRD, New Delhi	GATE 2000 and GATE 2008	72%

Area of interest -   Signal and System ,

Digital Signal Processing ,

Digital Image processing,

Neural Network and Fuzzy Logic

Computer Proficiency

Programming languages: Fortran, BASIC, Pascal, C, C++ and MATLAB

Assembly level ALP of Intel microprocessors 8085,8086 and Micro controller 8051

Internet related: HTML, Java, Front page express

Packages: Dbase, FoxPro, Visual Basic, Oracle

Operating System DOS, Windows 98,2000, XP etc.

Innovative Seminar Delivered: A seminar delivered with innovative idea for "**Method for Conversion of Binary Number into it's Decimal Equivalent**" at I.S.T.E. Student chapter, College of Engineering, Badnera, March 1996

Project developed

1.Character recognition of printed text, using **-**MATLAB 6.1 **2. -**Micro-Controller Based Remote Switching Through Telephone Lines **3**. Technical Human Resource Development Process and Its Environment **4.** Atomization software for Postal Saving schemes

Research Publications

1. Rojatkar D.V. and Chinchkhede K.D. (2002), "Applications of Wavelet Transforms in One and Two Dimensional Image Processing" at National Conference, SSGM, College of Engineering, Shegaon, Maharashtra

2. Dinesh V. Rojatkar, Krushan D. Chinchkhede, Sunil Hirekhan and Bharat W. Patil (8th March 2003), "Implementation of Blue Tooth Voice Communication model with Simulink" in state level conference on VLSI technology, design and Applications at Thadomal Shahani Engineering college TSEC, Bandra west, Mumbai

3. Dinesh v. Rojatkar and Dr.G.G.Sarate, Recognition of Some Handwritten English Characters Drawn by Mouse Dragging using Correlation Approach, international conference at Mumbai (in process)

Life Membership of Professional bodies –

    IE, Kolkata

    IETE, New Delhi

    ISTE, New Delhi

    Biomedical Society of India

    Semiconductor Scoiety of India

    Broadcasting engineering Society of India

    Association on Engineers, India

Job profile

	Organisation	Type of job	From	To
1	Indian Society for Electronics and Computer Technology (ISECT), Amravati	Lecturer	27th June 1996	30th July 1997
2	Advanced Computer Technology and Studies (ACTS), Amravati	Lecturer	1st July 1997	26th June 1999
3	California Computer Institute, Amravati	Lecturer	26th June 1999	26th July 1999
4	Applied Electronics Department at Amravati University Amravati, Amravati	Lecturer	26th July 1999	29th Oct. 1999
5	Electronics and Telecommunication Department at Government College of Engineering, Amravati	Lecturer	30th Oct. 1999	15.9.2008
6	Government College of Engineering, Chandrapur	Lecturer	16.9.2008	Till date

Major Short Term Training Programming/SDP attended (Chronological)

- "**Biomedical Equipment Technology**" one week national level Short Term Training Programme Sponsored by AICTE, New Delhi, at Government College of Engineering, Amravati. 16 to 20th June 2003

- "**Microcontroller and Applications**" two weeks AICTE-ISTE sponsored Short Term Training Programming at Government College of Engineering, Amravati. 15 to 27th March 2004.

- "**Non-Conventional Energy Resources and Energy Conversations**" two weeks AICTE-ISTE sponsored Short Term Training workshop organized under TEQIP of GOI at Government College of Engineering, Amravati. 13 to 25th December 2004.

- "**Creativity and Innovation for Survival and Growth & Patenting in India and Abroad**" , one week training workshop sponsored under TEQIP at Government College of Engineering, Amravati. 17 to 21th October 2005

- "**Patter Recognition using Neural Network**" a two week Staff Development Programme sponsored by AICTE, New Delhi at Oriental institute of Science and Technology, Bhopal 16 to 28th January 2006

- "**Impact of Power Electronics on Power System Operation and Protection**" one week ISTE approved Short Term Training Programming at Government College of Engineering, Amravati. during 10 to 14th April 2006. "**Power Quality**" one week ISTE approved Short Term Training Programming under TEQIP of GOI at Government College of Engineering, Amravati. 24 to 28th April 2006.

- "**VLSI Electronics Design workshop**" a one week training programme conducted by Cadence at I^{2}IT, International Institute of information Technology, Pune during 7th to 11th August 2006 "**Power Electronics and Electrical Machine Drives**" a five days Continuing Education Programme (CEP) conducted by Prof.B.G.Fernandis, IIT Powai, Bombay, Mumbai at Government College of Engineering, Amravati. during 19th to 23rd February 2007 "**Multi-rate DSP and Wavelet Transforms** " a three days training programme conducted by Prof.S.Chakraborthy, IIT Kharagpur at Government College of Engineering, Amravati. During 24th to 26th February 2007

- "**Fundamental of Java Programming Language SL 110**" a one week training programme conducted by SQL star, Sun Microsystems at Govt. College of Engineering, Amravati, during first week of August 2007

- "**Recent Advances in Digital Image Processing**" three weeks UGC sponsored refresher course at UGC-Academic Staff College, Jawaharlal Nehru Technological University (JNTU), Hyderabad, A.P. during 03rd to 22nd March 2008

Co-curricular and Extracurricular Activities

1. Coordinator, Institution of Engineers Student Chapter (IESC), for department of Electronics and Telecommunication, Government College of Engineering, Amravati, since 2005-2006 . Organised and coordinated following activities,

   Technical visit (Doordarshan Centre, Telephone Exchange. Etc), Expert lectures (Technical topics and other related), Personalities development programmes ("7 habits of highly effective people", GD,PI, Aptitude tests etc)

2. Coordinator, Electronics and Telecommunication Association of Students (ETAS) of Electronics and telecommunication Engineering Department. Since 2004-2005. This association offers platform to student for curricular, co-curricular and extracurricular activities. Organised and coordinated activities are as follows

   - NEXTECH 2005, a technical festival of the E&TC student which is a mega event of the year including,

     - Paper presentation., Quiz competition., Project competition., Elocution., Poster competition., Aptitude test.

   - "BRAINSTROAM" a intra college quiz competition, 450 students were participated, in September 2005.

   - "Jagruti", Intra college poster competition on the eve of National Science Day in February 2006.

   - Two-day workshop on "MATLAB" on 21st and 22nd June 2005.

   - One day workshop on various topics like

- o   Personality development on 19th Feb. 2006., 2 Nonverbal Communication on 2nd June 2005.

- • One day visit to (regular activities)

    - o   Nagpur Radio station. 2 Cell phone exchange.

3.   Member, BoS Electronics and Telecommunication, in autonomous structure.

4.   Took initiatives for the inclusion of the subject GENERAL PROFICIENCY I and II at second year level to inculcate the proficiency in the students, designed the syllabus of GP-I and II

5.   NSS coordinator, representing Government College of Engineering, Amravati at Sant Gadge Baba Amravati university, Amravati

6.   Coordinator for Community Service Programme (CSP), for E&TC, GCoE, Amravati. Organised four programme at villages/ schools nearby the college with aim to transfer of technology from colleges to community

7.   Conducted and Coordinated MATLAB training programme for the students and the faculties in the institutes. Procured and maintained MATLAB at the institute level, Coordinator for MATLAB at institute level

8.   Regular participation in yearly programme like

    Gathering (college day functions), , Sports and games (Gymkhana activities)., First year admissions, Second Year admissions to Engineering, Pharmacy, Hotel management and catering Technology

9.   Chairman, Direct Second year Admission of Engineering, HMCT, Pharmacy for year 2007.

10. Participation in

    a.   Paper setting and valuation at SGBAU, Amravati, Paper valuation for BTE , Conduction of GATE examination , Conduction of CET examination

    b.   Elections (Three time worked as a Presiding officer , Once as a in-charge of Computer section in counting process for Badnera Assembly Elections , Once as a polling offier-2)

11.   Member, Centralised purchase committee, under Technical Education Quality Improvement Programme, TEQIP, of National Project Implementation Unit, (NPIU) New Delhi, at Govt. College of Engineering, Amravati

12. Procurement coordinator for department of Electronics and Telecommunications, Govt. College of Engineering, Amravati

13. Member of Tribal development Plan, (TDP) under TEQIP, National Project Implantation Unit, New Delhi, took initiatives for Language Laboratory, today state of the art Language Lab. is available for the weaker section of the societies for the improvement of communication skills.

14. Faculty Convenor, of Robotics for National level technical festival Prajwalan 2008, nearly 800 students participated in the robotics approximately 60% of the total registration to the Prajwalan 2008.

15. Judge for the paper presentation in Prajwalan 2008, National level technical festival

As a trainer/organizer in Short Term Training Programmes

1.   Member of organizing Committee, of one week sponsored Short Term Training Programming Sponsored by AICTE, New Delhi on "**Biomedical Equipment Technology**", at Govt. College of Engineering, Amravati on 16-20 June 2003 (is a first ever Short Term Training Programming at Government College of Engineering, Amravati.)

2.   Organiser of two days technical festival "**NEXTECH 2005**" at Department of Electronics and Telecommunication, Government College of Engineering, Amravati. During 19-20 September 2005

3. Conducted expert Lecturer on "**Use of MATLAB and its TollBoxes** " at "**Impact of Power Electronics on Power System Operation and Protection**" one week ISTE sponsored Short Term Training Programming at Government College of Engineering, Amravati. During 10 to 14th April 2006.

4. Organized & conducted one day training programme for faculties on **"Introduction to Matlab and Toolboxes"** 1st Febuary 08.

5. Resource Person at Training Programme titled **"Introduction to Matlab, Simulink and it's Tool Boxes "** at Govt. College of Engineering, Amravati, during 29th April to 4th May 2008.

Accolade

- Guided the UG project titled Optical Character recognition using MATLAB, Paper based on the project won first prize at National Level paper presentation organized at College of Engineering, Yavatmal, M.S.

- The feedback system exists at college level based on the written feedback given by the students, in that I stand first or second.

- In college annual college day function **"Bharari 2008"** crowned as **"Respect King"** for most respected teacher in the institute by students of the institute.

- Students under guidance won first prize at National Level paper presentation, "Prajwalan 08", organized at College of Engineering, during 28-29th Feb. 2008

- Qualified GATE 2000, GATE 2008

  Consultancy

- Doing consultancy regarding checking the specification for the public address systems for ZP, Amravati. During 2007, 2008

- Done consultancy for deciding the Electronic roll system at Zilla Parishad office, Amravati.

  Innovative ideas

- Designed and Worked with Pressure cell, a cell for generation of electricity from the applied pressure on the road and highways as non conventional energy resources

Dinesh V. Rojatkar

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