

CURRICULUM VITAE

• Personal Particulars

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|------------------------------------|---|
| 1. Name | : Capt. (Dr.) Nitin Pandurang Sonaje |
| 2. Father's Name | : Shri. Pandurang Shivaram Sonaje |
| 3. Marital Status | : Married |
| No. of Children | : 02 |
| 4. Present Address: | Permanent Address: |
| Capt. (Dr.) Nitin Pandurang Sonaje | Capt. (Dr.) Nitin Pandurang Sonaje |
| B- 3, Siddhivinayak Complex, | Shivparvati, Amrut Nagar, |
| Konark Nagar, Jule Solapur, | At/Po - Lasalgaon - 422306 |
| Solapur - 413004 | Dist-Nasik (Maharashtra) |
| Mob: 09822315705 / 09921676731 | Tele.: (02550) 266981. |
| 5. Date of Birth | : 24 Apr 1972 |
| 6. E-mail | : nitinsonaje@yahoo.co.in |
| 7. Present Employment | : Dy. Registrar, Shivaji University, Kolhapur |



• Military Particulars

- | | |
|-----------------------------------|---|
| 1. Rank | : Captain (Indian Army) |
| 2. Dt. of Enrolment (Indian Army) | : 17 May 1995. |
| 3. Dt. of Release (Indian Army) | : 03 Jun 2001. |
| 4. Type of Commission | : Short Service Commission (Technical). |
| 5. Corps / Regiment | : Corps of Engineers - 07 Engineer Regiment |
| 6. War Service | : 01 Year and 05 months |
| 7. Theater of Operations | : North Eastern and Western front of Indian Territory. |
| 8. Appointment Held | : a. Company Commander - Commanded a Field and Field Park Company of Engineer Regiment.
b. Mechanical Transport Officer (MTO).
c. Training Officer. |

• Academic Qualifications

S N	Diploma /Degree	University	Year of Passing	Percentage Obtained
i	Ph.D. (Civil Engg) “Use of Information System (Soft Computing Tools) for Infiltration Modeling in Rainfall – Runoff Simulation”.	Shivaji University, Kolhapur	2007	Declared
ii	M. E. (Civil) Water Resources Management	Gujrat University, Ahmedabad	1997	68.44
	GATE (Civil Engg.)	IIT, Kharagpur	1994	69.09
iii	M.B.A. (Higher Education)	Shivaji University, Kolhapur	2010	59.00
iv	BE (Civil - Water Mgt)	Dr. B.A. Marathwada University, Aurangabad	1994	65.66
v	Master Dip in Personnel Mgt and Industrial Relations.	SIMS, Pune	2000	63.00
vi	Post Graduate Dip in Foreign Trades	SIMS, Pune	2001	70.00
vii	DCE	BTE, Bombay	1990	73.90

• Military Qualifications

SN	Course	Duration	Institute	Subject / Training Imparted
i	Basic Military Training	08May 95 - 08 Mar 96	OTA, Madras	Leadership, Administration and Moral, Military Technology, Military History, Military Geography, Combat Engg, Navigation, Infantry Tactics, Maintenance and Operation of Small Arms.
ii	Young Officers (Engineers) Course	14 Oct 96 - 05 Apr 97	CME, Pune	Combat Engg, Field Engg, Mine Warfare, Road & Bridge Engg, Engg Explosives and Improvised Explosive Devices, Nuclear - Biological & Chemical Warfare, Engg Tactics, Driving and Maintenance of Engg Vehicles & Plants, Military Engg. in War and Peace.
iii	Engineer Officers Camouflage Course	29 Sep 97 - 01 Nov 97	CME, Pune	Theory, Technology and Applicability of Camouflage in all types of Terrains, Personnels, Equipments and Installations.
iv	Nuclear, Biological and Chemical Warfare Unit Officers Course	05 Nov 97 - 27 Jan 98	CME, Pune	Technology and Use of NBC Weapons, Survival of Personnel, equipments and installations in case of NBC attack.
v	Engineer Officers Combat Engg Instructor Course	09 Nov 98 - 30 Jan 99	CME, Pune	Qualified Instructor to train the Engineer Regiment in War, Peace and Counter Insurgency Operations.

• Professional / Administrative Experience

S. N.	Organization / Institution.	Appt Held	Period		Nature of Duties and Responsibilities
			From	To	
1.	Shivaji University, Kolhapur	Deputy Registrar	Apr 2013	Till Date	General Administration
2.	Solapur University, Solapur	Registrar	Nov 2009	Apr 2013	General Administration, Civil Engineering Constructions, etc.
3.	Shivaji University, Kolhapur	Deputy Registrar	Nov 2003	Nov 2009	Administration, Construction, Rain Water Harvesting Works, Accounts, Examinations, etc.
		Contributory Teacher	Jun 2004	May 2009	Contributory Faculty for University M.Tech. and MBA Courses.
4.	JSPM's Imperial College of Engg. and Research, Wagholi, Pune	Professor	Jun 2008	Dec 2008	Teaching, Research, Submission of various reports to AICTE, New Delhi and University of Pune.
			During Lien Period		
5.	ING Vysya Bank Ltd., Mumbai	Consultant-Tech Services	Apr 2002	Oct 2003	General Administration, Premises Matter and General Services.
6.	College of Military Engineering, Pune	Lecturer	Apr 2001	Mar 2002	Teaching to Degree and Diploma Courses in Engg. and Tech.
7.	Indian Army (Corps of Engineers)	Captain	May 1995	Jun 2001	Officer with 7 Engineer Regiment
8.	Natraj Consultant, Lasalgaon	Site Engineer	Jun 1990	Aug 1991	Supervision on Buildings and Irrigation Canal Construction Works.

• Professional Experience as Registrar of Solapur University

1. Being the head of administrative team in the University, I am responsible for providing efficient, effective and expedient services needed on day-to-day basis for smooth running of the University.
2. Oversee the daily internal administration of the University, the management of all major activities including the state level programmes, campus development works, the procurement of services, the security and upkeep of all buildings, property and assets, the maintenance of administrative databases, and the supervision of all staff and students.
3. Responsible to produce position papers and reports based upon information, data and records available within the University campus or from the affiliated Colleges to the Government of Maharashtra and the Office of the Chancellor of the University.
4. Responsible to conduct the meetings of Academic Council, Management Council and Senate of the University as a Secretary.
5. Responsible for preparation of Ordinances, Rules and Regulations.
6. Responsible for preparing and submitting various proposals to State Govt., UGC and other agencies.
7. Successfully conducted the University elections within a stipulated period as per Maharashtra Universities Act, 1994.
8. Successfully conducted recruitments of class III and class IV post as a chairman and class I and class II post and University teachers as a secretary.

• Professional Experience as Deputy Registrar of Shivaji University

1. General administration of the University including civil and electrical engg. works, vehicles and security, University press, etc. Instrumental to implement several extension activities of water harvesting by building the earthen dam, soil and water harvesting structures, water treatment plant.
2. Operations of University accounts, and computerization of finance and account department from planning to operational stage.
3. Purchase and management and maintenance of stores, equipments, publications etc, control over budget reallocation proposals for the University.
4. Administration of post graduate admissions and scholarships, various lecture series, Board of University Teaching and Research, with various reforms to Improve Quality of Research, University Examination Department etc
5. Member of selection committees for recruitment of Class II / III / IV employees (including Technical and Non Technical posts).
6. Chairman / Member of committees / sub-committees for organizing the functions / seminars / workshops, etc.
7. Took up many assignments for awakening the public for the proper water shed management.
8. Conducted several workshops, lectures through the affiliated colleges.

• Professional Experience as a Consultant (Technical Services) of ING Vysya Bank Ltd.

1. Completed interior and exterior renovation works of 11 Branches worth Rs.430 Lacs.
2. Completed all formalities including hiring of the premises, construction / interior and exterior renovation works of 09 ATM Centers.
3. In charge for maintenance of premises and property related matters of 27 branches, 06 Back offices, 13 ATMs and 160 residential flats.
4. In charge for general administration other than routine banking operations (i.e. equipments, machinery, housekeeping, security, fire fighting, etc).

• Teaching Experience

1. Taught the following subjects to the degree & diploma courses in engineering and technology at College of Military Engg, Pune (a world renowned institution) and at JSPM's ICOER, Pune.
 - a. Fluid Mechanics.
 - b. Building Materials.
 - c. Elementary Civil Engineering.
 - d. Strength of Materials.
 - e. Business Communication.

2. Taught the following subjects to MBA and M.Tech courses at University Departments.
 - a. Human Resources
 - b. Material Management
 - c. Managing for Excellence
 - d. Industrial Waste Water Treatment
 - e. Advance Water and Waste Water Treatment.
3. Taught / Teaching following subjects to M.E. (Water Resources Mgt) at Shri Tuljabhavani College of Engg, Tuljapur.
 - a. Ground Water
 - b. Water Resources System Engg.

• Research Guide / Supervisor / Examiner

1. Approved guide for Ph.D. & M.E. (Civil Engg) and Ph.D. & M.Tech (Environmental Science & Technology) to Shivaji University, Kolhapur and Solapur University, Solapur.
2. **Five** students are pursuing Ph.D and **three** students are perusing their M.Tech research.
3. **One** student has been awarded M.Tech (Env Sci & Tech) by Shivaji University, Kolhapur.
4. External examiner for Ph.D thesis to North Maharashtra University, Jalgaon.
5. External examiner for M.E. (Water Management) to Shri Ramanand Tirth University, Nanded.
6. External examiner for M.Tech (Civil and Water Management) to SGGS Institute of Technology, Nanded (An autonomous Institute, cent percent aided by Govt of Maharashtra).
7. Paper Setter, Moderator for M.Tech (Env Sci & Tech), Shivaji University, Kolhapur.

• Lectures Delivered as Resource Person (at Various Institutes / Conferences / Workshops)

1. Application of Mathematical Softwares with specific reference to Mathcad.
2. Rain Water Harvesting.
3. Water Conservations.
4. Water Resources – Some Facts.
5. Water Literacy.
6. Interview Techniques.
7. Preparation for Service Selection Board (SSB) Interview.
8. Carrier Opportunities in Indian Army.

• Professional Military Experience

1. Training, motivating and leading a sub-unit of approx 200 men to fight as a cohesive unit in war, function efficiently in counter insurgency operations and other peace time operations.
2. Administration and human resource management of approx 200 men in peace and war like situations.
3. Management of mechanical transport fleet of 70 vehicles and engineer earth moving plants like earth movers, dozers, etc of 30 in nos.
4. Material management to the tune of approx Rs.300 Million ranging into an inventory list of 56000 items including sensitive electronic equipments, arms and ammunitions.
5. Logistic, planning and organization of 1000 personnel in war and peace.
6. Blasting, demolition and handling of engineer explosives.
7. Construction, laying, detection and neutralization of improvised explosive devices (IEDs) and land mines.
8. Construction and maintenance of operational shelters at an altitude of 14000 feet in adverse weather and terrain conditions.
9. Organization of training, social, cultural and sports events.

• General Abilities and Skills

1. Capable to handle different administrative issues at various levels in military, civil engg professional and educational organizations.
2. Capability to get the work done through motivation.
3. Ability to impart training & education on variety of subjects to the personnel at all level.
4. Ability to lead a team of multi cultural and multi ethnical personnel in extreme stress and adverse conditions.
5. Ability to lead a team of Architects, Consultants, Engineers and Contractors for timely completion of the projects.

6. Ability to organize social, cultural and sporting events.
7. Well conversant with computer operations.

• Special Achievements during the Military Service

1. General Officer in Chief, Eastern Command's Commendation Card for having successfully executed a major engineering task under extreme climate, adverse weather and difficult terrain within a specified time frame.
2. Special Service Medal
3. Sainya Seva Medal
4. 50th Anniversary of Independence Medal.

• Book Publications

1. Author for “**Mathcad A Tool for Infiltration Modeling**” Publisher – Lambert Academic Publishing GmbH & Co. Germany.
2. Author for “**ICT for Doctoral Research**” Publisher – Author Press, New Delhi.
3. Co-author for Self Instruction Material (SIM) on “**Production and Operations Management**” for Master of Business Administrations (Distance Mode) of Shivaji University, Kolhapur.
4. Co-author for “**Accounts Code**” Shivaji University, Kolhapur.

• Publications in Journals

1. **Sonaje N. P.**, Chincholkar P.R. 2012, “Redefining the Role of University Administrator : An Indian Scenario” Vol 27, number 1, pg. 118-126.
2. **Sonaje N. P.**, 2012, “Indices – A Tool for Research Assessment” Indian Streams Research Journal” Vol 2, pg. 11-19.
3. Chougule M.B., **Sonaje N. P.**, 2012, “In-plant Recycling of Wastewater in Textile Wet Processing – A Stochastic Analysis of Best Available Technologies (BATS)”, Contemporary Research in India, Vol.2, Issue 2, pg. 26 – 35.
4. Thorvat A.R., **Sonaje N.P.**, Mujumdar M.M. and Swami V.A., 2012 “A Study on the Physico-Chemical Characteristics of Panchaganga River in Kolhapur City” Research Journal of Chemical Sciences, Vol. 2(8), pg. 1-5.
5. **Sonaje N. P.**, Joshi S. K., 2012, “Experimentation of Microhydel Power Generation from Low Head Weirs (Bandhara)”, Contemporary Research in India, Vol.2, Issue 1, pg. 302 - 305.
6. Chougule M.B., **Sonaje N. P.**, 2012, “Use of GAC Technology and Two Stage Ion Exchange Technique for Recycling of Wastewater in Textile Wet Processing” International Journal of Engineering Science and Technology (IJEST) Vol. 4 No.01 pg.50 -55
7. Chougule M.B., **Sonaje N. P.**, 2012, “Novel Techniques of Water Recycling in Textile Wet Processing Through Best Management Practices (BMP’s)”, International Journal Applied Science & Advance Technology (IJASAT) Vol. 1, No. I.
8. **Sonaje N. P.**, 2011, “University - Industry Interface”, University News- A weekly Journal of Higher Education Vol. 49 No. 50, pg.197-200.
9. Thorvat A.R., **Sonaje N. P.**, Mujumdar M. M., 2011, “Development of Regression Model for the Panchaganga River Water Quality in Kolhapur City, M.S.”, International Journal of Engineering Research and Applications (IJERA), Vol. 1, Issue 4, pg.1723-1730.
10. Mane S. J., **Sonaje N. P.**, 2011, “ Prediction of Respirable suspended Particulate Matter Concentration at Pimpri-Chinchwad with Artificial Neural Network”, Contemporary Research in India, A peer reviewed multidisciplinary international journal Vol. 1, Issue 4, pg. 422-424.
11. **Sonaje N. P.** and Waikar M. L., 2009, “Application of Mathcad for Hydrological Analysis Using Kostiakov’s Method.” Asian Journal of Environmental and Chemical Research, Vol. 2, pg., 57 - 63.
12. **Sonaje N. P.** and Waikar M. L., 2008, “Application of Mathcad for Hydrological Analysis Using Natural Resources Conservation Service Method.” Journal of Indian Water Works Association, Vol. XXXXI No.2, pg. 136 – 143.
13. **Sonaje N. P.** and Waikar M. L., 2006, “Modeling of Precipitation – Runoff Relation Using Natural Resources Conservation Service (NRCS) Method and Mathcad,” Journal of Shivaji University, Kolhapur (Science and Technology) Vol. 40, pg.77-85.

• **Publications in Conferences / Seminar / Workshop / Synopsis**

1. **Sonaje N. P.**, 2012, “Information Communication Technology and eResearch”, National Conference on Computer, Communication and Information Technology, organized by Sinhgad Institute of Computer Sciences, Pandharpur.
2. **Sonaje N. P.**, 2012, “Rivers of Western Ghats – A Review” National Seminar on “Sustaining forests of Western Ghats – Prospects and Challenges” organised at Solapur University, Solapur.
3. **N. P. Sonaje**, 2012, “Use of ICT in Quality Enhancement”, National Seminar on “Best Practices and Students’ participation in quality enhancement, organized at Arts, Commerce & Science College, Killedharur, Osmanabad, India.
4. Mane S. J., **Sonaje N. P.**, 2012, “Prediction of Respirable Suspended Particulate Matter Concentration with Artificial Neural Network” National Conference on “Emerging Trades in Engineering & Technology” organised by Vidya Pratishthan’s College of Engineering, Baramati, India.
5. B. L. Chavan., M. S. Kalschetti, S. D. Thigale, **N. P. Sonaje**, S. S. Lomte and I. R. Ustad, 2010, “International Conference on Biodiversity, Livelihood and Climate Change in the Himalayas” organized at Tribhuvan University, Nepal.
6. A. R. Deshmukh and **Sonaje N. P.**, 2009, “A Clear Water Scour Around Circular Pier” National Conference on “Hydraulics, Water Resources, Coastal and Environmental Engineering’ HYDRO 2009, CWPRS, Pune.
7. **N. P. Sonaje**, 2009, “ Importance and Quality Requirements of Green Buildings” National Conference on “Green Tech 2009 - Recent Trades and Opportunities in Green Building and Products”, Feb. 2009, organized by Shivaji University, Kolhapur.
8. Nitin Berlekar, Praveda Bhomaj, **N. P. Sonaje**, 2009, “Rain Water Harvesting Ballarpur Industries Limited – A Case Study” National Conference on “Green Tech 2009 - Recent Trades and Opportunities in Green Building and Products”, Feb. 2009, organised by Shivaji University, Kolhapur.
9. A. R. Deshmukh, **N. P. Sonaje**, 2009, “A Clear Water Scour around Circular Pier” Hydraulics, Water Resource, Coastal and Environmental Engineering HYDRO 2009 at CWPRS, Pune, Page No.116, Dec. 17-18, 2009.
10. **Sonaje N. P.** and Vikhe S.D. 2008, “Water Resources: Some Facts and Approaches”, Proceedings of Indo-Italian International Conference on Green and Clean Environment (GCE 2008), Vol 2, pg. 895 – 901.
11. **Sonaje N. P.**, 2008, “Water Resources of India” National Workshop on Water Management and Rural Development organized by Shivaji Vidyapeeth Bhoogol Shikshak Sangh, Kolhapur.
12. **Sonaje N. P.**, 2006, “Rain Water Harvesting at Lasalgaon, Dist – Nashik (Maharashtra),” Proceeding of Second International Conference on Hydrology and Watershed Management, 2006, Vol. 2, pg. 1359 – 1376.

• **Conferences / Workshops Participated**

1. National Conference on “Quality Enhancement in Higher Education”, 12 - 13 Apr 2012, organized by Rajarshi Shahu Mahavidyalaya, Latur, Maharashtra.
2. National Seminar on “Sustaining Forests of Western Ghats : Prospects and Challenges” organised at Solapur University, Solapur 10th-11th Feb. 2012
3. State Level Workshop on “Issues, Challenges and Career Prospects of Non Teaching Staff of colleges in Maharashtra” 3rd February, 2012 organised by Model College, Dombivli, India.
4. Virtual H₂O Conference September, 2011.
5. State Level Conference of Vice-Chancellor, Registrar, Director Board of Colleges and University Development, 16th-17th August, 2011 organised at University of Pune.
6. National Conference on “Green Tech 2009, Recent Trades and Opportunities in Green Building and Products” Feb. 2009”, organised by Shivaji University, Kolhapur.
7. National Conference on “Water Management and Rural Development” organized by Shivaji Vidyapeeth Bhoogol Shikshak Sangh, Kolhapur held at Kavathe Mahankal from February 2 to 4., 2008
8. Indo-Italian International Conference on “Green and Clean Environment (GCE 2008)”, organized by MIT, Pune.
9. A Workshop on “Use of Information Systems in the University Administration”, sponsored by Association of Indian Universities, New Delhi and organized by Madras University, Chennai.
10. International Conference on “Hydrology and Watershed Management”, organized by Jawaharlal Nehru Technological University, Hyderabad.

• Invited Lectures / Presentation for Conference / Synopsis

1. National Conference on “Quality Enhancement in Higher Education”, 12 - 13 Apr 2012, organized by Rajarshi Shahu Mahavidyalaya, Latur, Maharashtra.
2. National Conference on Computer, Communication and Information Technology, organized by Sinhgad Institute of Computer Sciences, Pandharpur, Feb 18-19, 2012.
3. National Seminar on “Blazing Trails in Management” organised by Sinhgad Institute of Business Management” Mar 18-19, 2011.
4. Seminar on “Technical University of Maharashtra: Quo-Vadis” (Where are you going?) organized by A G Patil, Institute of Technology, Solapur.
5. Workshop on “Green Tech” organized by VVP Institute of Technology, Solapur, Apr 09, 2011.

• Membership of Professional Bodies

1. Life Member of Indian Water Works Association, Mumbai.
2. Life Member of Institute of Military Engineers, Pune.
3. Member of Institution of Engineers (India), Kolkata.
4. Member of Hydrological Data User Group, Hydrology Project, Maharashtra State.
5. Member of Asian Journal of Environmental and Chemical Research.
6. Member of Indian Society of Structural Engineers. **Station:**

Date:

(Capt Dr. N P Sonaje)