



Sinhgad Technical Education Society's

Sinhgad College of Engineering
Vadgaon (Budruk) Off. Sinhgad Road,S.No. 44/1,



Prof. Madhukar Vittalrao Nimbalkar

Ph. D.

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Personal Details

Current Address	Flat No B1/204, Sampanna Homes, Shewalwadi Road, Manjari(Bk), Haveli, Pune -412307
Permanent Address	A/P - Chopdaj, Tal - Baramati, Dist - Pune, Pin - 412306
Marital Status	Married
Blood Group	AB+
Email Id	mvnimbalkar.scoe@sinhgad.edu
Gender	Male
Date of Birth	May 27,1970
Strengths	Sincere, Proactive, Punctual
Weaknesses	Emotional
PAN	ACKPN5040K
Driving Licence No.	MH12 20090056717

Significant Achievement

→ Recipient of Maharashtra Governments Scholarship in 7th Standard.

Academic Qualification

Research

PHD	Title of Thesis	Area Of Research	Place Of Research	If Awarded Academic Year	Qualification Status
Ph. D.	-	-	-	-	Pursuing

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
M.E. Electronics	Rajaram Institute of Technology, Sakhrale, Islampur	Shivaji university	2008	63.0	First	Completed
BE	Bharati Vidhyapeeths College of Engg, Dhankawadi, Pune	Pune university	1992	60.0	First Class	Completed

Subject Taught

Subject	Academic Year	Remarks
Digital Electronics & Logic Design	24 Jun 2013 to 10 Oct 2013	
Processor Architecture & Interfacing	24 Dec 2014 to 04 Apr 2015	
Computer Organization	23 Jun 2014 to 04 Oct 2014	
Digital Laboratory	23 Jun 2014 to 04 Oct 2014	
Processor Interfacing Laboratory	22 Dec 2014 to 04 Apr 2015	
Microprocessor & Microcontroller		TE Computer Subject
Hardware Laboratory		TE Computer Practical
Advanced Computer Architecture		BE Computer Subject

Digital Electronics & Logic Design	22 Jun 2015 to 03 Oct 2015	
Processor Architecture & Interfacing	17 Dec 2015 to 04 Apr 2016	
Processor Interfacing Laboratory	17 Dec 2015 to 04 Apr 2016	
Digital Laboratory	22 Jun 2015 to 03 Oct 2015	

Training Details

Training Title	Arrange By	Venue	Date
Mission 10X	Wipro Technologies & ISTE	Sinhgad College of Engg., vadgaon, Pune 41	22 Nov 2005 to 26 Nov 2005
National	Quality Improvement Programs	External	Evaluation of Training
Department of personnel Training(DoPT) , Govt of India	YASHADA, Pune	11 Feb 2013 to 15 Feb 2013	National
Quality Improvement Programs	External	rESEARCH IN WIRELESS SENSOR NETWORK USING NS - 3	Dept of IT, SCOE, Pune 41
Dept of IT, SCOE, Pune 41	16 Mar 2015 to 18 Mar 2015	National	Research
Internal	Cloud Computing , Big Data & Its components	Dept of IT, SCOE, Pune 41	Dept of IT, SCOE, Pune 41
26 Mar 2015 to 28 Mar 2015	National	Research	Internal
Cache & Virtual Memory	Dept of IT, DYPIET, Pimpri, Pune 18	Dept of IT, DYPIET, Pimpri, Pune 18	29 Aug 2014 to 29 Aug 2014
Guest lecture	Quality Improvement Programs	External	Protected Mode of 80386 Microprocessor
Dept of IT, DYPIET, Pune 18	Dept of IT, DYPIET, Pune 18	06 Apr 2015 to 06 Apr 2015	Guest lecture
Quality Improvement Programs	External	Protected Mode of 80386 Microprocessor	Dept of IT, SAE, Kondhawa, Pune
Dept of IT, SAE, Kondhawa, Pune	03 Mar 2015 to 03 Mar 2015	Guest lecture	Quality Improvement Programs
External	Train The Trainers	Dept of IT, NBSSOE, Ambegaon, Pune	Dept of IT, NBSSOE, Ambegaon, Pune
02 Jun 2014 to 07 Jun 2014	Quality Improvement Program	Quality Improvement Programs	Internal
Protected Mode of 80386	Dept of IT, SCOE, Pune 41	Dept of IT, SCOE, Pune 41	17 Feb 2015 to 17 Feb 2015
Guest lecture	Quality Improvement Programs	Internal	VHDL Programming
Dept of IT, SCOE, Pune 41	Dept of IT, SCOE, Pune 41	19 Sep 2014 to 19 Sep 2014	Guest lecture
Quality Improvement Programs	Internal	80386 Protected Mode	Dept of IT, DYPIET, Pimpri, Pune
Dept of IT, DYPIET, Pimpri, Pune	04 Oct 2015 to 04 Oct 2015		
	80386 Protected Mode Interrupts & Exceptions	Dept. of IT, MMCOE, Kothrud, Pune	Dept. of IT, MMCOE, Kothrud, Pune
16 Feb 2016 to 16 Feb 2016			
Introduction to Embedded System	Dept. of IT, SAE, Kondhawa, Pune	Dept. of IT, SAE, Kondhawa, Pune	19 Mar 2016 to 19 Mar 2016
			Digital Logic Families
Dept. of E & TC, Cummins COE, Pune	Dept. of E & TC, Cummins COE, Pune	28 Aug 2015 to 28 Aug 2015	
		VHDL Programming	Dept. of IT, SCOE, Pune 41
Dept. of IT, SCOE, Pune 41	07 Sep 2015 to 07 Sep 2015		
	80386 Interrupts & Exceptions	Dept. of IT, SCOE, Pune 41	Dept. of IT, SCOE, Pune 41
17 Feb 2016 to 17 Feb 2016			

Conference Details

Name	Venue	Date	Level	Category	Type	Sponsored By
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National Conference on Distributed Computing	D Y Patil Institute of Engg & Tech., Pimpri, Pune 18	20 Jan 2005 to 27 Jan 2005	National	Research		IEEE
Emerging Trends in Electronics & Telecommunication	Rajashri Shahu College of Engg., Pune	04 Jan 2005 to 13 Jan 2005	National	Research		IEEE
iPGDCON 2016	Dept. of IT, SCOE, Pune 41	29 Apr 2016 to 30 Apr 2016	University of Pune	Research		Self

Workshop Attended

Workshop Topic	Conducted By	Date	Level	Category	Type
Energy conservation system	ISTE sponsored	18 Dec 2006 to 30 Dec 2006	Quality Improvement Programs	Quality Improvement Programs	Internal
Mathematical Modeling of Engineering System	ISTE Sponsored	15 Dec 2003 to 28 Dec 2003	Quality Improvement Programs	Quality Improvement Programs	Internal
Train The Trainers	Dept of IT, SKNCOE	04 Dec 2014 to 06 Dec 2014	Quality Improvement Programs	Quality Improvement Programs	Internal
Digital Electronics & Logic Design Train the trainers Program for STES faculties at SCOE, Pune 41	Dept. of IT, SCOE, Pune 41	08 Jun 2016 to 10 Jun 2016	Quality Improvement Programs	Quality Improvement Programs	Internal
Digital Electronics & Logic Design Faculty Development Program for SPPU Comp. Engg. & IT faculties at I2IT, Hinjewadi, Pune.	I2IT Hinjewadi, Pune	16 Jun 2016 to 17 Jun 2016	Quality Improvement Programs	Quality Improvement Programs	External

Research Projects

Project name	Status	Budget	Project type
Dynamic Cryptography in wireless sensor network		140000	Sponsored Projects

Research Papers and Journals

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
2229 - 5518.	Personalized ontology model for web information gathering by domain specific search	2012	International Journal of Scientific & Engineering Research, USA, Volume 3	Non-refereed but recognized and reputable journals and periodicals having ISBN / ISSN	Accepted and Published	Shubhangi Deshpande, Madhukar Nimbalkar
2249 - 0868	Verifying data integrity in cloud	2012	International Journal of Applied Information System, New York, USA, Volume 3	Non-refereed but recognized and reputable journals and periodicals having ISBN / ISSN	Accepted and Published	Sagar Jaikar, Madhukar Nimbalkar
2278 - 0661	securing cloud data storage	2012	IOSR International Journal of computer Engineering Volume I, Issue 6	Non-refereed but recognized and reputable journals and periodicals having ISBN / ISSN	Accepted and Published	Sagar Jaikar, Madhukar Nimbalkar

2249-121X	secure storage approach for cloud computing	2011	Indira International Journal of computer technology & management Vol. 1, Issue 1	Indexed Journal	Accepted and Published	Sagar Jaikar, Madhukar Nimbalkar
1694-2108	A survey of Dynamic Duty Cycle Scheduling scheme at media access control layer for energy conservation	2013	international Journal of computer science and business informatics (IJCSBI.ORG) Vol. 7, No. 1 Nov 2013	Journal - International level	Accepted and Published	Madhukar Nimbalkar, Sampada Khandare
2278-7518	Energy conservation using dynamic duty cycle scheduling scheme	2014	Cyber Times International Journal of Technology and Management, ISSN: 2278-7518, Volume 7, Issue 1, October 2013- March 2014	Journal - International level	Accepted and Published	Madhukar Nimbalkar, Sampada Khandare
2348-2117	A Survey on Intrusion Detection in Multitier Web Applications Using DoubleGuard	2014	International Journal of Engineering Technology and Computer Research (IJETCR), eISSN: 2348-2117, Volume 2; Issue 7; Page No. 07-14, 30th December 2014.	Journal - International level	Accepted and Published	Madhukar Nimbalkar, Neha Mohadikar
2348-2117	A Study on Cluster Based Certificate Revocation Scheme for Mobile Ad hoc Networks	2014	International Journal of Engineering Technology and Computer Research (IJETCR), eISSN: 2348-2117, Volume 2; Issue 6; Page No. 124-129, 1st December 2014.	Journal - International level	Accepted and Published	Madhukar Nimbalkar, Megha Jarang
978-1-61804-277-4	Mobile Agent: Load Balanced Process Migration In Linux Environments.	2015	Advances in Software Engineering and Systems, 2015, Vol. 17-23, PP No. 146-149	Journal - International level	Accepted and Published	Madhukar Nimbalkar
978-1-61804-276-7	Process Migration In Heterogeneous Linux Environments	2015	Advances in Information Science and Computer Engineering , 2015, Vol. No. 17-23, PP NO. 519-522	Journal - International level	Accepted and Published	Madhukar Nimbalkar
978-1-4673-7910-6	Implementation of cluster based certificate revocation in mobile ad hoc networks	2015	IEE Explore, 2015, PP NO 610-615	Conference-International level	Accepted and Published	Madhukar Nimbalkar

93-5260-179-3	Hybrid RI-MAC Protocol for Enhancing Wireless Networks with Traffic Differentiation	2016	IPGDCON 16 proceedings, 2015, PP NO. 156 - 160	Conference-International level	Accepted and Published	Madhukar Nimbalkar
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Membership Details

Membership Body	Details	Duration	Level
ISTE	Life membership No LM 36028	Lifetime	National
IEEE	Annual membership No 85034647	01 Jan 2007 to 31 Dec 2007	International

Post Held

Organization Name	Post	Organization Category	Appointment Status	Duration
Sinhgad College of Engg, Pune 41	Associate Professor	An academic Institution affiliated to Pune University	Full time regular appointment	Aug 21,2012 to
Sinhgad College of Engg, Pune 41	Assistant Professor	An academic institute approved by AICTE and affiliated to Pune University	UGC Approved	Jul 03,2007 to Aug 20,2012
D Y Patil Institute of Technology, Pimpri, Pune 18	Lecturer	An academic institute approved by AICTE and affiliated to Pune University	UGC Approved	Jan 01,2001 to Jul 02,2007
M. S. Kakade College, Someshwarnagar, Baramati, Pune	Lecturer	Academic Institution	Full time regular appointment	Jul 26,1993 to Jun 14,1998
Pad. Dr. D.Y. Patil Pratishthan's Y.B. Patil Polytechnic , Pimpri, Pune : 411 018	Lecturer	Polytechnic	Full time regular appointment	Aug 02,1998 to Jun 15,2000

Self Contribution

Institutional Development Contribution(2014-2015)			
Date	Venue	Contribution	Category
01,Jul - 10,Oct	Dept of IT, SCOE	Planning & scheduling - Time Table, On Line Mock & University Exam, Test Examinations, In Semester University examinations, Laboratory Developments & Maintenance	Planning and Scheduling Committee

Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date :25-Jul-2019

Prof. Madhukar Nimbalkar