

CURRICULUM VITAE

Dr. Shankar. N. Dandare



Professor

Department of Electronics and Telecommunication

BabasahebNaik College of Engineering, Pusad

SantGadge Baba Amravati University

sndandare@rediffmail.com, 9764996710

S. N.	Title of Invention/Patent	International Classification	Date of filing	Application No.	Publication Date	Status
1	Method for low cost robust Multiple Faults Detection in Automobile Engines based on Neuro Computing Approach	G06F19/00, F02D	07/04/2015	1447/MUM/2015	24/04/2015 Journal No. 17/2015	Patent Published

SIGNIFICANT ASSIGNMENTS (3+)

1. Reviver of International Journal Engineering, Iran.
2. Reviver of International Journal of Computer Networks & Communications.
3. Reviver of International Journal of Network Security & Its Applications.

Special Lecturers : 4+

1. Keynote Address in International Conference at B. N. C. O. E, Pusad on March 8, 2013.
2. In the STTP of Post Graduate Department of Computer Science at SGB Amravati , University Amravati. On 9th April 2012.
3. Presented a Paper title "Technology Management" on occasion of Engineers' Day on 24th Sept 1996. B.N.College of Engineering,Pusad.
4. In the workshop on "Lab Equipment Maintenances" for supporting staff on 8-9th April 2008. B.N.College of Engineering,Pusad.

Significant Work Done for more than 10 Years: 8+

- Organized Admission Campaigning to increase the admission for 2016-17.
- Organised State Level Technical Model/Poster Competition, Presentation and Exhibition for 11th and 12th Science Students on 29th Dec 2015.
- Organized MOCK-MHT-CET- for 12th Science Students on 29th April 2016.
- Organised lodging and boarding arrangemt of 41th District level Science exhibition on 22,23 & 24th January 2016 at about 1000 persons.
- Prof. I/C of AICTE, DTE proposals for EOA and Increase in Intake for 10+Years
- Prof. I/C of Fee Proposals for Shikshan Shulk Samiti for 10+Years
- Prof. I/C of NBA-Cell , NBA-Proposals for 10+Years
- Prof. I/C of Affiliation from SGB Amravati University, Amravati for10+Years

Research Paper Published in International Journals:

SI.No.	Title with Page Nos.	Journal	ISSN/ISBN No.	Peer reviewed with Impact Factor
1	Consistency of MLP & SVM for Air Filter Fault Detection in an Automobile Engine from Sound Signal, Page 64 to 69	International Journal of Computer Information Systems <i>Vol. 2, No. 3, 2011,</i>	ISSN 2229 5208	Yes
2	Support Vector Machine Based Multiple Fault Detection in an Automobile Engine Using Sound Signal, pages 59-63	Journal of Electronic and Electrical Engineering Volume 3, Issue 1, 2012,	ISSN: 0976-8106 & E-ISSN: 0976-8114	Yes, Impact Factor 4.5
3	Novel technique for multiple fault detection in an Automobile Engine Using Sound Signal.", pages122-129.	International Journal of Advanced Research in Computer Science and Electronics Engineering (IJARCSEE), Vol. 1, Issue 6, August 2012	ISSN: 277-9043	Yes Impact Factor 2.5
4	Artificial Neural Network Based Fault Detection in a Four Stroke Engine Using Acoustic Signal, pages 992-996,	International Journal of Electronic Communication and Computer Engineering, Volume 3, Issue5, Sept-2012	ISSN (Online): 2249-071X, ISSN (Print): 2278-4209,	Yes Impact Factor 1.09
5	Statistical and Artificial Neural Network Based Analysis of Faults in an Automobile Engine" pages 65-71	International Journal of Engineering and Innovative Technology (IJEIT), Volume 2, Issue February 2013,	ISSN: 2277-3754 ISO 9001:2008 Certified.	Yes Impact Factor: 2.137
6	Multiple Fault Detection in typical Automobile Engines: a Soft Computing Approach, pages 158-166	WSEAS TRANSACTIONS on SIGNAL PROCESSING, Issue 3, Volume 9, July 2013,	Print ISSN: 1790-5052, E-ISSN: 2224-3488,	Yes Impact Factor= 0.554
7	Model Based Approach for Fault Detection and Isolation in a Four Stroke Engine Using an Acoustic Signal, Technology, pages;1342-1347,	International Journal of Current Engineering and Technology October 2013, Vol.3, No.4	ISSN: 2277 – 4106	Yes Impact Factor : 2.05

8	Detection & Isolation of Automobile Engine' Faults Using State-of-the-Art Signal Processing Techniques, pages 390-396	International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 3, Issue 6, June 2013,	ISSN: 2277-128X	Yes Impact Factor-2.080.
9	Multiple Fault Detection in an Automobile Engine Using Single Sensor System, pg. 635-647,	International Journal of Computer Science and Mobile Computing, Vol.3 Issue.5, May- 2014,	ISSN: 2320-088X	Yes Impact Factor-2.136
10	Multiple Fault Detection in a Four Stroke Engine' Using Single Sensor System, pg. 648-658	International Journal of Computer Science and Mobile Computing, Vol.3 Issue.5, May- 2014,	ISSN: 2320-088X	Yes Impact Factor-2.136.
11	Classification of Multiple Fault in an Automobile Engine' Using Statistical and ANN Based Classifiers, pg. 659-668,	International Journal of Computer Science and Mobile Computing Vol.3 Issue.5, May- 2014,	ISSN 2320-088X,	Yes Impact Factor-2.136
12	Robust Method of Fault Detection in Automobile Engines Using Digital Signal Processing and ANN Based Classifiers	WSEAS TRANSACTIONS on SIGNAL PROCESSING, Sept-2014.	ISSN: 1790-5052,	Yes Impact Factor-2.136
13	IC Engine Fault diagnosis Using ROC, pages 68 -78.	International Journal of Advancement in Technology Vol. 4 No. 1(March 2013)	ISSN 0976-4860	Yes
14	Single Image Fog Removal Using Depth Estimation Based on Blur Estimation, pages 1-6.	International Journal of Science and Research Publication, Volume 3, Issue 6. June 2013	ISSN 2250-3153	Yes Impact Factor 1.22
15	Human Emotion Recognition: A Review pp.74-78	Int. Journal of Engineering Research and Applications, Vol. 4, Issue 7, July 2014,	ISSN : 2248-9622	Yes Impact Factor 1.69
16	Automatic Image Segmentation Using Wavelet Transform Based On Normalized Graph Cut	Int. National Journal of Modern Engineering Research, Vol. 4 , Issue.6,June. 2014	ISSN : 2249 - 6645	Yes Impact Factor 1.227

Research Paper Published in Conference:

SN	Tit1le with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	The Performance of Adaptive Normalized Least Mean Square Algorithm Based On Step Size & Filter Order	FRONTIER –2007, at B. N. C.O.E Pusad. 17 & 18 th Dec- 2007	--
2	Analysis of Adaptive Filter Using LMS Algorithm	College of Engineering, Osmanabad, Feb 21, 2008	--
3	Analysis and Comparison of LMS & NLMS Algorithms	College of Engineering Chikhali	--
4	Neural Network Based Air Filter Fault Detection in an Automobile Engine from Sound Signal, Page 6.1-6.5	International Conference on Sunrise Technologies SSVPS College of Engineering Dhule. Jan 13-15, 2011	--
5	ANN based Fault Detection in an Automobile Engine Using Sound Signal, Pages, 479-483	4th IEEE, International Conference on Electronics Computer Technology (ICECT- 2012) April 6 - 8, 2012, Kanyakumari, India,	IEEE ISBN 978 - 1-4673 - 849 - 5. P.NO 479-483
6	Human Emotion Recognition: A Review	B.N.C.O.E, Pusad International Conference on Emerging Trends in Computer Science & Engineering Department of Computer Science & Engineering ICETCSE - 2014. (7th & 8th March 2014)	ISSN: 2319-507X
7	Fault Identification in IC Engine using DSP and ANN	<i>IJCA Proceedings on National Conference "MEDHA 2012"</i> MEDHA(1):59-63, September 2012	ISSN: 0975 - 8887

Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

SI.No.	Programme	Duration	Organised by
1	ISTE Winter School on Microelectronics	Two Weeks, 6 – 18, Nov.1989	IISc. Bangalore.
2	Microprocessors in Instrumentation.	Two Weeks, 17 – 28 June 1996	S. G. G. S. Nanded.
3	Theory and Practice of CAD for VLSI.	Two Weeks, 2 – 14 Sept., 2002	NMAM Institute of Tech. NITTE, Karnataka
4	Neural Networks & Fuzzy Logic.	Two Weeks, 17 – 29 March.2003	B. N. College of Engineering, Pusad.
5	Advances in Digital Signal Processing & Applications	One week, 21-26 June 2004	B. N. College of Engineering, Pusad

Paper presented in Conferences, Seminar, Workshops, Symposia

SI.No	Title of the paper presented	Title of Conference/Seminar	Organized by	Whether international/national/state /regional/College or University level
1	Fault Detection in Automobile Engines' using single sensor system.	AVISHKAR 2012-13, on 2-3 Jan 2013	SBG Amravati	University level
2	Multiple Fault Detection in Automobile Engines using ANN based Classifiers.	AVISHKAR 2012-13, University Convention Dr.Balasaheb Sawant Konkan Krishi Vidhyapeet Dapoli, Dist-Raigad, 7-9 Jan 2013	SBG Amravati	7 th Maharashtra state inter University Convention
3	Technology Management	on the occasion of Engines' Day	BNCOE, Pusad	College Level
4	Lab Equipment Maintenances	Work Shop for Supporting Staff, on 8-9 th April 2008.	BNCOE,Pusad	College Level
5	Use of Sensors for Fault Detection Systems.	STTP of Post Graduate Department of Computer Science at SGB Amravati, University Amravati. On 9 th April 2012.	PG Dept. of Computer Science at SGB Amravati, University	National Level

Seminars / Workshop Conducted/Attended :30+

SI.No.	Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
1	Induction Training for Teacher	B.N.COE Pusad.	15-17 Dec 1994.	ISTE New Delhi Under Canada-India Institutional Co-op, Project)
2	Environmental Issue In Technical Education	B.N.COE Pusad.	9-11 April 1997	
3	PC Based Control Applications.	Electronics Engineering. Department.	2-3 OCT 1997	B.N.COE Pusad.
4	Interpersonal Skills	B.N.COE Pusad.	3 – 4 Jan 1998.	B.N.COE Pusad.
5	Adv. Comm. Systems. And Applications.	Electronics Engineering. Department.	24-25 Dec.1998.	B.N.COE Pusad.
6	Optical Fiber Communications	Electronics Engineering. Department.	7-8 March 2001.	B.N.COE Pusad.
7	Syllabus Restructuring	Electronics Engineering. Department.	16 Oct. 2008	CSE & IT ISTE Chapter BNCOE Pusad

8	Training program for teacher	S. G. B. Amravati Uni.	8 th August 2009	CDEEP, IIT Mumbai & SGB Amt. University
9	Lighting for Rural & Urban Low Income Groups Using LEDS.	S. G. B. Amravati Uni.	3 rd October 2009	S. G. B. Amravati Uni.
10	One day Work Shop on New Norms for Accreditation Conducted by NBA-AICTE	Sardar Patel College Of Engineering , Mumbai	12 th June 2009	Sardar Patel College Of Engineering , Mumbai
11	One day W/S on Impedance Analyzer	P.G.Department of Applied Electronics SGB Amt. University	9 th Feb 2010	S. G. B. Amravati Uni.
12	Syllabus Restructuring for Electronics Engg.	Electronics Engg.. Department.	15 th Dec 2010	B.N.COE Pusad.
13	One day Symposium on academic challenges & opportunity.	G. H. Rasoni COE, Nagpur	11 th June 2011	G. H. Rasoni COE Nagpur & DTE Maharashtra State.
14	NBA preparation & documentation	HVPM COE Amravati.	13- 14, June 2011	HVPM COE Amravati.
15	NBA / NAAC / ABET WORK - SHOP	At Staff Engineering College, Hyderabad	28-30 OCT 2012	At Staff Engineering College, Hyderabad
16	Indo-Global Education Summit & Expo-2012, Collaborations with foreign university	At Taj Krishna &Taj Deccan, Hyderabad organized by INDUS FOUNDATION USA	7 - 9 SEPT 2012	At Taj Krishna &Taj Deccan, Hyderabad organized by INDUS FOUNDATION USA
17	Patents and Intellectual Property Management	S. G. B. Amravati University, Amravati	7 th Feb-2013	S. G. B. Amravati University, Amravati
18	Workshop on AICTE application for Extension of Approval and Increase Intake , Nagpur	Nagpur University, Nagpur	27 th Nov 2012	AICTE
19	IQAC AWARENESS WORKSHOP	G. S. Gawande College, Umerkhed	15 th March 2013	G. S. Gawande College, Umerkhed organized by SGB-Amravati
20	W/S on "Curriculum Review"	Dept. Of Electronics Engg.	27 th June 2014	JDIT, Yavatmal
21	LATEX	Electronics Engg. Dept.	20 th DEC 2013	BNCOE,PUSAD
22	ISTE Winter School on Microelectronics	IISc. Bangalore.	Two Weeks, 6 – 18Nov.1989	IISc. Bangalore.
23	Induction Training for Teachers	B. N. College of Engineering Pusad.	15-17 Dec, 1994	B. N. College of Engineering Pusad.
24	Microprocessors in Instrumentation.	S. G. G. S. Nanded.	Two Weeks, 17 – 28 June 1996	S. G. G. S. Nanded.
25	PC Based Control Application	B. N. College of Engineering Pusad	Two –Days, 2 & 3 rd Oct 1997	B. N. College of Engineering Pusad.

26	Theory and Practice of CAD for VLSI.	NMAM Institute of Tech. NITTE, Karnataka.	Two Weeks, 2 – 14 Sept.2002	NMAM Institute of Tech. NITTE, Karnataka.
27	Neural Networks & Fuzzy Logic.	Electronics Engg. Department.	Two Weeks, 17 – 29 March.2003	B. N. College of Engineering Pusad.
28	Advances in Digital Signal Processing & Applications	Electronics Engineering. Department.	One week, 21-26 June 2004	B. N. College of Engineering Pusad
29	RF Measurements	Electronics Engg. Department..	8 th January 2014	BNCOE,PUSAD
30	W/S on Outcome Based Accreditation Process and Parameters”	SGGGS, Nanded	21-23, March 2014	NBA under TEQIP-II
31	Syllabus Scheme Restructuring of S.G.B.Amravati	SSGCOE, Shegaon	30 th Dec 2015	SSGCOE, Shegaon

Cocurricular and Extracurricular activity: 30+

S.N.	Particulars
1	Life member of ISTE: LM – 3001.
2	Life member AMIE : AM 80342/4
3	Promoter of the Credit Cooperative society of teaching staff.
4	Prof. Incharge of Faculty Recreation club 10+ Years & organized many activities.
5	Secretary of NUTA (Local Unit – B.N.C.O.E. Pusad) more than 10+ years
6	Founder membership of Technical Teacher Association (TTA) of BNCOEPusad
7	Presented a Paper title “Technology Management” on occasion of Engines’ Day on 24 th Sept 1996.
8	Presented a paper in AVISHKAR 2012-13 at SBG Amravati on 2-3 Jan 2013
9	Presented a paper in AVISHKAR 2012-13, at 7 th Maharashtra state inter University Convention, Dr.Balasaheb Sawant Konkan Krishi Vidhyapeet Dapoli, Dist-Raigad, 7-9 Jan 2013
10	Working as a Prof I/C of NBA Cell and Successfully completing AICTE Proposals, Shikshan Shulk Samiti Proposal and DTE Proposals for 10+ Years.
11	Co-Officer In Charge of Theory Examination of Amravati University Amravati at J.D.I.T. Yavatmal, in summer 2004.
12	Worked in National Conference as a co-coordinator and judge in technical session conduction.
13	Worked as a convener for two day workshop on “Lab Equipment Maintenances” for supporting staff.
14	Hostel Warden for two years 1991 & 1992.
15	Guided more than 100 projects and Seminars to Final Year B.E. Electronics and Computer Science Students.
18	Worked in National Level Paper Competition “Threshold ” so many times
19	Worked as Laboratory in-charge of various laboratories, like- Microprocessor Lab

	for 7+ Years & EDC-Lab for more than 10 – Years & Integrated Circuit Lab more than 10 + years.
20	Working as a Prof Incharge for Laboratory Equipment Maintenance 10+years.
21	Working as a Prof. In-charge of Timetable, 10+ Years
22	Worked in National Level Workshop of "Advance Communication System.
23	Worked in National Level Workshop of "Optical Fiber Communication
24	Worked in STTP "Neural Network and Fuzzy Logic "
25	In charge of various committees during College gathering GAIETY and other functions of this institute 20+ Years.
26	Examiner in theory and practical at UG and PG level examination of Amravati University Amravati.
27	In Charge of Internal Marks of Amravati University Amravati for more than five years.
28	Paper setter for many subjects for BE and ME Engineering.
29	Arranged many industrial tours for Electronics Engineering Students.
30	More than 100 projects Guided to BE and ME Students
31	Deliver key-note Address and session judge in International Conference at BNCOE Pusad on 8 th March 2014

All of the information furnished above is true to the best of my knowledge and belief.

Pusad

Date 27/ 11/ 2016

Dr . Shanker N. Dandare
Professor,
Department of Electronics and
Telecommunication, Engineering
Babasaheb Naik College of Engineering, Karla
Road, Pusad-(445215), District Yavatmal,
Maharashtra State, India
Mobile: 9764996710, sndandare@rediffmail.com