

Dr. Sanjay H. Dabhole (Chartered Engineer(Solar))

[Ph.D (E&C), M.E. (E&TC), M.I.E.]

Director and Development Officer, Shri Prince Shivaji Maratha Boarding House's New Institute of Technology, Kolhapur.

M.- 9767 199 299/9767 499 899

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Belief: Together Everyone Achieve More

EXPERIENCE: Teaching Years: 21 yrs. Industrial: 01 Yr.

R&D PROJECTS UNDERTAKEN: 01, self-power bike (patented through MSBTE Mumbai)

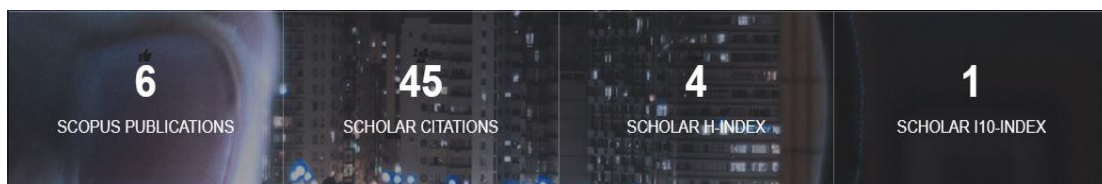
AREA OF SPECIALIZATION: Image processing, wireless communication, Solar and MATLAB-based Engineering solutions.

EDUCATION

- **Ph.D (E&C)** - Chhatrapati Shahu Ji Maharaj University, Kanpur- INDIA - Electronics and Communication Engineering 2016.
- **M.E.(E&TC)** - Shivaji University, Kolhapur KIT's College of Engineering, Kolhapur. 75.44% - First class with Distinction- Electronics and Telecommunication Engineering 2006.
- **B.E. (ETRX)** Shivaji University, Kolhapur Walchand College of Engineering, Sangli. 65.13 % First Class - Electronics Engineering -2002.
- **Diploma Ind. ETRX Engg** - M.S.B.T.E. Mumbai - First class with Distinction-Industrial Electronics -1999.
- **S.S.C.-** Kolhapur Board-75.44% First class with Distinction - General subjects - 1996

RESEARCH PROFILE

- Orchid ID: 0000-0003-1451-8356
- SCOPUS ID : 55662467100
- RESEARCH ID: rid11670
- SCHOLAR ID: <https://scholar.google.com/citations?user=GKPFJKIAAAAJ&hl=en>



Contribution during Principal Tenure:

a) Administrative (Academics):

- New Setup of Engineering College, D. Pharm, B. Pharm, Women's D Pharm, and NBA accreditation of New Polytechnic, Kolhapur of Shri Prince Shivaji Maratha Boarding House, Kolhapur as a Development Officer.
- Revolutionary changes in New Polytechnic to make a financially stable for excellence in technical education along with NBA accreditation which has been waiting for 20 years.

- Now, NIT Kolhapur is a Skill HUB with almost 400 enrollments under various NSDC, Skill India, MSSDS, and Ministry of Skill Development and Entrepreneurship.
- Play a vital role in setting up a Multi-SGM **campus**, Mahagaon which includes Polytechnic, B.E. Engg. D.Pharm, B.Pharm, GNM, BAMS, B.sc(Nursing) and B.sc (Optometry) at Mahagaon site chichewadi within five years where 4500 students from rural areas have taken education.
- The Autonomous Committee visited the college dated 04/01/2022 to get **MSBTE AUTONOMY status** for A.Y. 2022-23.
- Received **Silver Grade** from AICTE, New Delhi, and Confederation of Indian Industry for Institute Industry interaction despite the rural section.
- **SGM Polytechnic NBA Accreditation** of all Eligible ME, EE, CO, and CE Programmes and valid till June 2023 during Principal tenure.
- **Received** AICTE MODROB fund of Rs 25.30 Lacs to enrich Laboratories at SGM.
- The institute is renowned as a **Placement Hub** in western Maharashtra which offers around 800+ offers every year during Principal Tenure at SGM
- SGM Polytechnic College has exponential growth from worst to best and is now one of the foremost diploma colleges in Maharashtra with over 1056 students.
- Working as a member of Skill development '**kaushalya Setu**' special program of Govt. of Maharashtra for drop-outs of 8, 9 and 10th students along with MSBTE, Mumbai and Setup the MSSDS approved skill development centre in institute.
- Perform all Govt. assigned duties assigned by MHRD, AICTE, DST, EDI, DTE, MSBTE, DIC and MCED etc from time to time.
- SGM, MS TEAM AND JIO ALLIANCE FOR VIRTUAL LEARNING

(Online effective teaching with unlimited time period)

We are extended thank you for your support to MS Team 5 lacks users Id's under academic institution and complete the task to avoid academic loss of rural students with Zero rental

- Emerging Technologies: Skills Build IBM Platform For Rural Community Skill Development Online Training Courses

(First time Final Year Computer Diploma four students have selected in Infosys and KPIT for AY 2020-21)

IBM's Skills Build platform offers best in class content and in-depth guidance to help learners' success. Learners are able to assess the alignment of their skills and personality with in-demand job roles, engage in online learning, receive guidance from IBM mentors, and work on real projects to create a portfolio. Online learning is further supported by in-person work through NGO partners. Skills Build's goal is to put the success of the learner first, beginning with skills and moving into a lifelong career trajectory

- Six Club culture to inculcate professional and ethical competencies

- Professional student membership for ISTE and IEI student Chapters

b) Research and Innovation

- Setup and **THREE star Rated Institute Innovation Council (IIC)** which is approved by the Ministry of Education, MHRD of Govt. of India to create a platform for Startup and Innovation in rural regions at NPK and SGM

IIC - A SNAPSHOT OF ACTIVITIES (one calendar year)

Particulars	Cumulative Status – Jan.'21 (Till Date)
No. of IIC Registered Members	27
No. of Student E Leaders	14
No. of Faculty coordinators	9
No. of Faculty Members Mentoring Innovators	5
Flagship Events	
No. of participants in LED making Challenge	83
No. of Students participated in EAC	110
No. of Students participated in IIC activities	237
No. of ideas generated	14

- Setup and **TWO star Rated Institute Innovation Council (IIC)** which is approved by the Ministry of Education, MHRD of Govt. of India to create a platform for Startup and Innovation in rural regions.

NPK- IIC - A SNAPSHOT OF ACTIVITIES (one calendar year)

Particulars	Cumulative Status – Jan.'24 (Till Date)
No. of IIC Registered Members	30
No. of Student E Leaders	06
No. of Faculty coordinators	12
No. of Faculty Members Mentoring Innovators	2

Flagship Events	
No. of Students participated in EAC	79
No. of Students participated in IIC activities	480
No. of ideas generated	34

- VTU University recognized as Ph.D guide for research fellows
- Reviewer of 256 international Journals through EDA portal.
- Our Final Year Mechanical Diploma students Mr. Abhishek Deshpande and his team has published Research paper in **Scopus Indexed IRJET International Journal** for A.Y. 2019-20
- Scopus publications-06, scholar citations-32, scholar H-Index-04 and scholar I10-Index-01

SCOPUS PUBLICATIONS

- [Effect of substrate temperature on physicochemical and gas sensing properties of sprayed orthorhombic V₂O₅ thin films](#)

S.H. Dabhole, Prof. Tarun Kapoor, P.S. Maldar, S.A. Nikam, and A.V. Moholkar

Measurement: Journal of the International Measurement Confederation, ISSN: 02632241, Volume: 131, Pages: 223-234, Published: January 2019 Elsevier BV

Abstract The chemical spray (CSP) deposition method has been used to deposit orthorhombic V₂O₅ thin films onto glass substrate at different substrate temperatures. Raman spectra indicate that films are in orthorhombic V₂O₅ phase. The FE-SEM micrographs show the formation of nanorods-like morphology. The EDAX study shows that the films are in sub-stoichiometric proportion of V₂O₅. The presence of V⁵⁺ oxidation state of vanadium in V₂O₅ film is confirmed using XPS study. Selectivity study shows that V₂O₅ film is a highly promising candidate for selective detection of NO₂ gas at moderate working temperature of 200 °C. For V₂O₅ film deposited at 400 °C, the 20.3% NO₂ response for 100 ppm concentration is obtained with response and recovery times of 17 s and 185 s, respectively. The lower NO₂ gas detection limit is found to be 20 ppm which is equal to immediately dangerous to life or health (IDLH) value. Finally, role of oxygen ion vacancies in NO₂ gas sensing mechanism based on formation of reduced V₂O₅-X species is discussed.

- [The shunt active power filter to compensate reactive power and harmonics with optimized PI controller in a 3 phase 3 wire distribution network](#)

International Journal of Innovative Technology and Exploring Engineering, eISSN: 22783075, Pages: 1-7, Published: January 2018

Sanjay H. Dabhole , Swapnil Mangule

- [An efficient codec of 2D adaptive directional lifting based on CDF9/7 with improved SPIHT algorithm for lossy to lossless image coding](#)

Sanjay H. Dabhole, Prof. Tarun Kapoor

2nd International Conference on Electronics and Communication Systems, ICECS 2015, Pages: 84-91, Published: 16 June 2015

IEEE Lifting is an efficient algorithm to implement the discrete wavelet transform in order to overcome the drawbacks of the conventional wavelet transform that does not provide a compact representation of edges which are not in horizontal and vertical directions. The lifting scheme provides a general and flexible tool for the construction of wavelet decompositions and perfect reconstruction filter banks. It has been adopted in JPEG 2000. The paper follows this research line, improved SPIHT based on adaptive coding becomes analyzed and tuned with two dimensional Adaptive Directional Lifting based on CDF 9/7 has structured for lossy to lossless JPEG 2000 image coding. The proposed 2D-ADL scheme incorporates the directionally spatial prediction into the conventional lifting based on 9/7 wavelet transform and forms a novel, efficient and flexible lifting structure with proposed scaling coefficients. In order to obtain better compression on image edge, an improved Set Partitioning In Hierarchical Trees (ASPIHT) algorithm based on prior scanning the coefficients around which there were more significant coefficients was replaced with conventional SPIHT. Although, the proposed 2D-ADL based on CDF9/7 scheme followed by ASPIHT codec significantly reduce edge artifacts and ringing and outperforms the conventional 1D lifting scheme followed by SPIHT upto 12dB as reported.

- [An optimal IMF selection based on fast BEEMD with DLac analysis for detection of Polyp and Ulcer in WCE images](#)

Sharad. T. Jadhav , Sanjay H. Dabhole, Prof. Tarun Kapoor

2nd International Conference on Electronics and Communication Systems, ICECS 2015, Pages: 264-270, Published: 16 June 2015 IEEE

The main contribution of this paper is the presentation of a novel tool for WCE image analysis and classification by exploiting color-texture features. The proposed scheme has based on the ingenious combination of optimal selection of image components (IMFs) of BEEMD and DLac, applied on the green/red component of WCE images in order to identify ulcerations and polyp affected images from WCE images. Optimal IMF's of BEEMD was exploited to reveal the intrinsic components (IMFs) of the images in order to achieve data driven, Coefficient of standard Deviation and efficient SVM classifier to boost the distinctness between polyp and ulcer regions. However, DLac analysis facilitates to extract efficient texture characteristics. The proposed approach has evaluated on selected WCE images, captured from patients, depicting ulcer and polyp tissue. The optimum image components (IMFs) that contain the majority of texture information include IMFs 5- 8 which produce 100% accuracy for ulcer images. Individual IMFs score up to 80 % classification accuracy, while their higher exploitation as a group enhances the detection rate up to 93.34% for ulcer and 90% for polyp tissue.

- [An efficient modified structure of CDF 9/7 Wavelet based on adaptive lifting with SPIHT for lossy to lossless image compression](#)

S. H. Dabhole, Prof. Tarun Kapoor, and J. Potgieter

International Conference on Signal Processing, Image Processing and Pattern Recognition 2013, ICSIPR 2013, Pages: 269-274, Published: 2013 IEEE

We present a modified structure of 2-D CDF 9/7 wavelet transforms based on adaptive lifting in image coding. Instead of alternately applying horizontal and vertical lifting, as in present practice, Adaptive lifting performs lifting-based prediction in local windows in the direction of high pixel correlation. Hence, it adapts far better to the image orientation features in local windows. The predicting and updating signals of Adaptive lifting can be derived even at the fractional pixel precision level to achieve high resolution, while still maintaining perfect reconstruction. To enhance the performance of adaptive based modified structure of 2-D CDF 9/7 is coupled with SPIHT coding algorithm to improve the drawbacks of wavelet transform. Experimental results shows that the proposed scaling coefficients of modified structure based on adaptive lifting for image coding technique outperforms JPEG 2000 in both PSNR and visual quality, with the improvement up to 6.0 dB than existing structure on images with rich orientation features.

- [Performance evaluation of traditional and adaptive lifting based wavelets with SPIHT for lossy image compression](#)

S. H. Dabhole, Prof. Tarun Kapoor and J. Potgieter

International Conference on Signal Processing, Image Processing and Pattern Recognition 2013, ICSIPR 2013, Pages: 112-116, Published: 2014 IEEE

Nowadays wavelet transform has been one of the most effective transform means in the realm of image processing, especially the biorthogonal 9/7 wavelet filters proposed by Daubechies, which have good performance in image compression. Hence, in this paper an attempt has been made to analyse traditional and adaptive lifting based wavelet techniques for image compression. The original image is transformed using adaptive lifting based CDF 9/7 wavelet transform and traditional CDF 9/7 followed by it is compressed using Set Partitioning In Hierarchical Tree algorithm (SPIHT) and the performance was compared with the popular traditional CDF9/7 wavelet transform. The performance metric Peak Signal to Noise Ratio (PSNR) for the reconstructed image was computed. The proposed adaptive lifting algorithm give better performance than traditional CDF9/7 wavelet, the most popular wavelet transforms. Lifting allows us to incorporate adaptivity and nonlinear operators into the transform. The proposed methods efficiently represent the edges and appear promising for image compression. The proposed adaptive methods reduce edge artifacts and ringing and give improved PSNR of 4.69 to 6.09 dB than the traditional CDF 9/7 for edge dominated 2D images.

RECENT SCHOLAR PUBLICATIONS

- Effect of substrate temperature on physicochemical and gas sensing properties of sprayed orthorhombic V₂O₅ thin films
SH Dabhole , Prof. Tarun Kapoor, PS Maldar, , SA Nikam, AV Moholkar
Measurement 131, 223-234 2019
- An optimal imf selection based on fast beemd with dlac analysis for detection of polyp and ulcer in wce images
ST Jadhav, SH Dabhole
2015 2nd International Conference on Electronics and Communication Systems 2015
- An efficient codec of 2D adaptive directional lifting based on CDF9/7 with improved SPIHT algorithm for lossy to lossless image coding
SH Dabhole, Prof. Tarun Kapoor
2015 2nd International Conference on Electronics and Communication Systems 2015
- An Optimal Detection of Polyp and Ulcer in WCE Images using Fast BEMD with DLac Analysis
ST Jadhav, SH Dabhole
International Journal of Innovative Technology and Exploring Engineering 4 (7) 2014
- An efficient modified structure of cdf 9/7 wavelet based on adaptive lifting with spiht for lossy to lossless image compression
SH Dabhole, Prof. Tarun Kapoor, J Potgieter
2013 International Conference on Signal Processing, Image Processing 2013
- Performance evaluation of traditional and adaptive lifting based wavelets with spiht for lossy image compression
SH Dabhole, Prof. Tarun Kapoor, J Potgieter
2013 International Conference on Signal Processing, Image Processing 2013
- Modified Adaptive Lifting Structure Of CDF 9/7 Wavelet With Spiht For Lossy Image Coding
SH Dabhole, Prof. Tarun Kapoor, J Potgieter
International Journal on Recent Trends in Engineering & Technology 8 (2), 95 2013
- An Efficient Codec of 2D Adaptive Directional Lifting based SPL5/3 with Improved SPIHT Algorithm for Lossless Image Coding
SH Dabhole, ST Jadhav

MOST CITED SCHOLAR PUBLICATIONS

- Effect of substrate temperature on physicochemical and gas sensing properties of sprayed orthorhombic V₂O₅ thin films

SH Dabhole, Prof. Tarun Kapoor, PS Maldar, SA Nikam, AV Moholkar

Measurement 131, 223-234 2019

Citations: 11

- An efficient modified structure of cdf 9/7 wavelet based on adaptive lifting with spiht for lossy to lossless image compression

SH Dabhole, Prof. Tarun Kapoor, J Potgieter

2013 International Conference on Signal Processing, Image Processing 2013

Citations: 7

- An optimal imf selection based on fast beemd with dlac analysis for detection of polyp and ulcer in wce images

ST Jadhav, SH Dabhole

2015 2nd International Conference on Electronics and Communication Systems 2015

Citations: 5

- An efficient codec of 2D adaptive directional lifting based on CDF9/7 with improved SPIHT algorithm for lossy to lossless image coding

SH Dabhole, Prof. Tarun Kapoor

2015 2nd International Conference on Electronics and Communication Systems 2015

Citations: 4

- Performance evaluation of traditional and adaptive lifting based wavelets with spiht for lossy image compression

SH Dabhole, Prof. Tarun Kapoor, J Potgieter

2013 International Conference on Signal Processing, Image Processing 2013

Citations: 3

- An Optimal Detection of Polyp and Ulcer in WCE Images using Fast BEMD with DLac Analysis

ST Jadhav, SH Dabhole

International Journal of Innovative Technology and Exploring Engineering 4 (7) 2014

Citations: 2

PUBLICATIONS

- Efficient lossy Image compression Using Adaptive Directional Lifting Based 9/7 wavelet Transform. International Journal of Emerging Technologies in Computational and Applied Sciences (Print): 2279- 0047 (Online): 2279-0055 - IJETCAS12- 203 Vol. 02, issue1,pp. 05-11 Aug.-Nov., 2012 30-10-2012
- Modified Adaptive Lifting Structure Of CDF,9/7Wavelet With Spiht For Lossy Image Coding, International Journal on Recent Trends in Engineering and Technology(print): 2249-7277(online): 2277-7970), Vol. 8, No. 2,Jan 2013, 01.IJRTET.8-2-2013
- An Efficient Codec of 2D Adaptive Directional Lifting Based SPL5/3 With Improved International Journal of Innovative Technology and Exploring ISSN: 2278–3075 (Online) Volume-4 Issue-7, Page No.: 100- 107, December 2014.
- Optimal Design of Update and Predictions of Adaptive Directional Lifting based on CDF9/7 or SPL 5/3 for lossy to lossless Image Compression International Journal of Innovative Technology and Exploring Engineering ISSN: 2278–3075(Online) Volume-6 Issue- 5, Page No.: 1-11,October 2016.
- Optimum performance of 802.11g WLAN for various channel conditions National Conference on Sun Rising Technologies, Parshvanath College of Engg.Thane in association with Mumbai,Nov. 2005
- Performance evaluation of SPIHT for an efficient Image coding National Conference on advanced computing & Computer Network NCACCN 2007 Dr.Vithalrao vikhe patil college of Engg. Ahmednagar, Maharashtra March 2007
- Performance analysis of embedded Zero Tree wavelet (EZW) coder for 2D images National Conference on advanced computing & Computer Network NCACCN 2007 Dr.Vithalrao vikhe patil college of Engg. Ahmednagar, Maharashtra March 2007
- Optimum Lloyd-Max quantizer for wireless data transmission through scalable Joint source/channel coding technique National Conference on advanced computing & Computer Network NCACCN 2007, Dr.Vithalrao vikhe patil college of Engg. Ahmednagar, Maharashtra March 2007

- Acquisition of images through fling mechatronic kite and camera set up for intelligent Image processing, National Conference on recent trends in manufacturing (NCRTM 2006),KIT's college of engineering, Kolhapur,7-8 Jan. 2006
- Web server on nios-II Embedded processor International Conf. on Advances in manufacturing & technology Management (ICAMTM-2007) Parshvanath College of Engg. Thane in association with Mumbai,18-20 Jan,2007

GRANT DETAILS

- Received grant of **Rs 25 lacs** from AICTE, New Delhi under MODROB scheme for EE, ME and CO department for A.Y. 2020-21.
- Atal Community Innovation Centre(ACIC 2019) **244 Lacs** INR (final visit MHRD)
- DST - NIMAT Project 2019-20 (EAC) 20,000.00 INR
- AICTE IIC impact lecture fund assistance of 20,000.00 INR

RESEARCH OUTPUTS (PATENTS, SOFTWARE, PUBLICATIONS, PRODUCTS)

- Self-Powered Bike (TRL 7)
- Homogeneous Charged Compression Ignition Technology (TRL 6)

CONSULTANCY

MATLABS based Engineering Solutions provider since 2010 and Freelancer for [ExpertMinds.com](https://www.expertminds.com) since 2015

INDUSTRY, INSTITUTE, OR ORGANISATION COLLABORATION

- Institution Innovation Council activity (440)
- DST Sponsored Three EAC camp (398)
- HR TPO Meet (36)
- DST sponsored FDP (21)
- For Community Training
- Business Innovation
- Support for Capstone and Micro Projects
- Expert Lecture, Workshop
- Consultancy and Services
- Business Support

- Market access
- Proposal to ACIC
- DIC and MCED activities (780)
- Earn while Learn scheme through KPO/BPO/inhouse Startup.

INDUSTRY EXPERIENCE

Mobile Appliances (India) PVT. LTD at Bangalore. Industry Software Engineer, 01-08-2002 To 27-08-2003, Designing, Implementing and testing the GPS

STARTUP

Director, Siddham Innovation and Business Incubation centre, Kolhapur for startup and Innovation in Kolhapur. (25 startup connected and short term job oriented four MSBTE courses started institute with startup echo system.

SOCIAL, ECONOMIC, OR ACADEMIC BENEFITS

- Chief Coordinator of Digifest and Ideathon activity at New Polytechnic Kolhapur
- Board of Study member for Govt. and Private autonomous Diploma and Degree Colleges.
- Nodal Centre for Post SSC School Connect activity which is Jointly Organized with DTE/MSBTE, Mumbai for Awareness About Technical Education.
- Static Career Fair On 14/6/2018, Jointly Organized with MSBTE, Mumbai, Awareness About Technical Education at Rural Sector. (2 Lacs INR)
- VTP Skill Development Courses, Approved By Maharashtra State Skill Development Society Skill Awareness in Society and reduce dropout students (16Lacs INR)
- Two months Training Course with Stipend Jointly Organized with District Industries Centre Kolhapur Short Term Skill Based Courses. (3 Lacs INR)
- State Level Technical Quiz, Competition Jointly Organized with MSBTE, Mumbai, Technical content updates for Electrical group. (1 Lac INR)
- Anuttara - A Technical Symposium, @ EVERY YEAR Jointly Organized with Robokart Pvt. Ltd., Mumbai, Competition for Skill sets to empower Engineering (4 Lacs INR)

Experience Details (In reverse chronological order):

Institute / Organization	Type (Academic Instt./ Industry)	Post Held	From (date) To	Nature of Job
Mobile Appliances (India) PVT. LTD at Bangalore.	Industry	Software Engineer	01-08-2002 To 27-08-2003	Designing, Implementing and testing the GPS

KIT's College of Engineering, Kolhapur	Academic Instt.	Lecturer	28-08-2003 to 25-06-2006	Teaching at U.G. level
LTJSS's P.I.E.T, Nagpur	Academic Instt.	Sr. Lecturer	26-06-2006 To 31-05-2007	Teaching at U.G. level
DKTE's Textile and Engg. Institute, Ichalkaranji, Kolhapur-	Academic Instt.	Sr. Lecturer	01-06-2007 To 30-04-2008	Teaching at U.G. level
SGMRH&RC's, S.G.M.R. Polytechnic, Mahagaon. Gadhinglaj, Kolhapur-416503	Academic Instt.	Head of Dept. & I/c Principal	01-05-2008 To 12-01-2013	Administrative at Diploma in Engg.
SGMRH&RC's, S.G.M.R. Polytechnic, Mahagaon. Gadhinglaj, Kolhapur-416503.	Academic Instt.	MSBTE approved Principal	13-01-2013 To 31/07/2017	Administrative at Diploma in Engg.
Walchand college of Engineering, Sangli	Academic Instt.	DTE approved H.O.D	01/08/2017 To 31/05/2018	Administrative at Diploma in Engg.
SGMRH&RC's, S.G.M.R. Polytechnic, Mahagaon. Gadhinglaj, Kolhapur-416503.	Academic Instt.	MSBTE approved Principal	01-06-2018 31-03-2022	Administrative at Diploma in Engg.
Shri Prince Shivaji Maratha Boading House's New Polytechnic Kolhapur	Academic Instt.	Principal And Development Officer	01-04-2022 To 30-06-2024	Administrative
Shri Prince Shivaji Maratha Boading House's New Institute of Technology,	Academic Instt.	Director And Development Officer	01-07-2024 To Till date	Administrative

Subjects Taught:**P.G. level**

Advance Signal Processing

Wireless Communication.

Image Processing

Advance computer Network

UG level:

Communication Electronics

Computer Aided Design

Wireless/mobilecommunication

Programming Techniques (Matlab, C and C++ language)

Computer Network

Digital Signal Processing

Diploma Level:

Principle of Digital Techniques

Mobile Communication

Data communication and Data Network

OBE Based Curriculum design and Implementation

Institute	Target Group	Reference/Web link
Proposed Autonomous Three years Diploma in Engg. At SGM polytechnic, Kolhapur, Maharashtra. (Principal)	All Programmes ME,EE,CO,CE,TE,ML,MX	www.polysgm.in
Autonomous, Three years Diploma in Engg. At Government polytechnic, Kolhapur, Maharashtra. (PBOS Member)	Industrial Electronics, Electronics and Telecommunication	www.gpkolhapur.org.in
Autonomus, B.Tech.(Electronics) and M.Tech (E&TC) at KIT's College of Engineering Kolhapur-Maharashtra	B.Tech.(Electronics) And M.Tech (E&TC)	www.kitcoek.in
Autonomus, B.Tech.(Electronics) and M.Tech (E&TC) at TKIET, Warana Nagar, Kolhapur-Maharashtra	B.Tech.(Electronics) And M.Tech (Electronics)	www.tkietwarana.ac.in

Awards / Distinction received by the nominee:

Name of the Award	Details of contribution related to the Award	Awarded by	Year	Type (National /
Best Teacher award	- working as founder Principal at Sant Gajanan Maharaj Rural Polytechnic, Mahagaon -setup new Sant Gajanan Maharaj Technical campus which includes Engineering, Dpharm, B.Pharm, Nursing, paramedical, schools and management colleges in all aspects within 4 years in ruralsector.	Aviskar Social and Educational Foundation Kolhapur (M.S.), INDIA.	5 th Oct. 2014	National level
GURU- DAKSHINA AWARD	For is outstanding work in education to provide financial support to 53 poor students to complete their Diploma in Engg. and assist them for jobs to stand their poor families	Vidhya mandir standing committee, Primary school Education department Kolhapur-	16 FEB. 2015	National level
BHARAT VIDHYA SHIROMANI AWRD and CERTIFICATE OF EDUCATION EXCELLENCE	For Outstanding achievement And remarkable role in the field of education	INDIAN SOLIDARITY COUNCIL, NEW DELHI	03rd June 2017	National level
NATION BUILDER AWARD-2023	For Develop the youth of tomorrow	ROTARY CLUB OF KOLHAPUR ROYALS	25 TH Sep. 2023	National Level
BEST PRINCIPAL IN COLLEGE (KOLHAPUR)	For Outstanding achievement And remarkable role in the field of Technical education	Star Education - in collaboration with the Education Department of	6 th Dec.2023	National Level
50 Aspiring Authors and Researchers	Visionary Guidance and exemplary leadership skills in Engineering field	The FOX Story India	23 rd Jan. 2023	International Level
The Most Inspiring Principal Redefining Student Success in 2024	To empowering educational and inculcating high morals and values in leaders within college level community	The Knowledge Review International Journals	Vol.3 Issue 3 (2024	International Level

Membership of Professional Societies

Name of the Society	Address	Membership Category &
Life time member of The Institution of Engineers, India. (IEI) apex body	The Indian Institution of Engineers, Calcutta. (India)	Member M-150507-0
Life time member of (ISTE) apex body	Indian Society Technical Education, New Delhi	Life Member LM 132219
Solar Energy Society of India New Delhi	SESI New Delhi	Life Member LM/2918/2024
Solar Energy Society of India New Delhi	SESI New Delhi	Chartered Engineer (Solar)

Organizing Technical Seminars, Conferences, Workshops etc

- Chief Coordinator, Digifest and Ideathon at New Polytechnic, Kolhapur
- Resource person for OBE based Curriculum design and NBA accreditation process and evaluation for webinars and workshops.
- Chief Coordinator for “Anutara-2012 to 2021” a National level Paper presentation, Poster Presentation, National Workshop series cum Competition (in collaboration with IIT, Bombay), Lan Gaming, Quiz and Model Making activities on ultimate creations in the field of Engineering at Sant Gajanan Maharaj Rural Polytechnic, Mahagaon.
- Coordinator and Faculty Adviser: “NIRMITI-2007” a International level paper presentation and project exhibition dated 23rd and 24th March 2007 at Priyadarshini Institute of Engineering and Technology, Nagpur.
- Chief coordinator for “navpravartya-2k15” National level Technical project competition and quiz competition in collaboration with ISTE new Delhi dated 20th March 2015 at Sant Gajanan Maharaj College of engineering Mahagaon.
- Attended three Days MSBTE sponsored Industrial Training at “Soft skill Training at L & T Madh, Mumbai” from 19/07/2012 to 21/07/2012.
- Attended a Three Days Workshop on “**Training on Outcome Based Accreditation Process and Parameters**” at Walchand college of Engineering, Sangali
- Attended MSBTE sponsored one day seminar on “Drop out students in polytechnics: Problems & Solutions” at Sandip polytechnic, Nashik on 03/04/2012 and total 14 various workshops/ Seminars are attended at various places.
- Organized and resource person for a Three Days Workshop on “**Training on Outcome Based Accreditation Process and Parameters**” at Sant Gajanan Maharaj Rural Polytechnic, Mahagaon in the month of March 2014
- THREE workshops have been organized and conducted for Electronics Department Faculty members and students in the month of February; April and July 2004 at KIT’s College of Engineering

Kolhapur.

Address (Office)

642, Snehal Park, B ward, Jawahar Nagar (East),

Kolhapur-416012.

E-mail:

sankop1217@gmail.com

Contact No:

9767 199 299/9767 499 899

Date of Birth

01/08/1980, 44 yrs.

Marital status

Married

I hereby solemnly pledge that above information is true to the best of my knowledge.

Place: Kolhapur

Date: 07/07/2024

With Regards

S.d.

Dr. Sanjay H. Dabhole