

Dr. NILESH J. UKE

Principal

Trinity Academy of Engineering, Kondwa, Pune

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Education :

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- 2014** SWAMI RAMANAND TEERTH MARATHAWADA UNIVERSITY, SGGS IE&T, NANDED
Ph. D. : Doctor of Philosophy in Computer Science and Engineering , **Feb 2014**
Title of Thesis: Detection and Tracking of Moving Objects in Video
- 2005** BHARTI VIDYAPEETH DEEMED UNIVERSITY, COLLEGE OF ENGINEERING, PUNE
M. E. : Master of Engineering in Computer Engineering, **June 2005** in First class
- 1995** AMRAVATI UNIVERSITY, GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI
B. E. : Bachelor of Engineering in Computer Science & Engg, **June 1995** in First class

Academic Positions :

Post	Department / Organization	Period	
Principal	KJEL's Trinity Academy of Engineering, Kondwa, Pune	20 June 2018	Till date
Professor	Department of Information Technology, Pimpri Chinchwad College of Engineering, Akurdi Pune 411044	22 Jul 2016	19 Jun 2018
Professor	Department of Information Technology, Sinhgad College of Engineering, Pune	24 May 2016	21 Jul 2016
Professor & Head of the Department	Department of Information Technology, Sinhgad College of Engineering, Pune	01 Jun 2014	23 May 2016
Associate Professor & Head of the Department	Department of Information Technology, Sinhgad College of Engineering, Pune	27 May 2014	31 May 2014
Associate Professor	Department of Information Technology, Sinhgad College of Engineering, Pune	01 Jul 2008	26 May 2014
Assistant Professor	Department of Information Technology, Sinhgad College of Engineering, Pune	01 July 2005	30 Jun 2008
Lecturer	Department of Information Technology, Sinhgad College of Engineering, Pune	20 Dec 2001	30 Jun 2005
Lecturer	Department of Computer Science, National Defence Academy, Khadakwasla, Pune	14 Oct 96	30 Nov 2001

Funded Research Projects :

Year	Role	Project Title	Funding Agency	Amount Sanctioned
2009 – 2011	Principal Investigator	Video Segmentation & Organization of Lecture Video Based on Contents	BCUD, Pune University	Rs. 2,00,000
2010 – 2013	Co-Investigator	Road Sign Detection and Tracking - Vision Based Driver Support System	AICTE, New Delhi	Rs. 5,90,000
2011 – 2013	Co-Investigator	On Road Vehicle Detection System	BCUD, Pune	Rs. 2,00,000
2010 – 2013	Co-Investigator	Real Time Human Detection using Covariance Matrix as Human Descriptor	ISRO-BCUD, Pune University	Rs. 4,00,000
2014 - 2016	Co-Investigator	Design and evaluation of artificial intelligent agent for the organization of space for its architectural quality	BCUD, Pune University	Rs. 1,80,000
2016 - 2018	CO-Investigator	Biogas plant monitoring system	BCUD, Pune University	Rs. 24,000
2016 - 2018	CO-Investigator	Translation Grammar for Indian Languages	BCUD, Pune University	Rs. 21,000

Awards:

- 2018 **Excellent Teacher Award** conferred at Teaching Excellence Awards 2018 (TEA - 2018) by MT Research and Educational Services (MTRES) in association with Buzzingg and Indian Achievers Story to appreciate and honor the best teachers (Nation Builders) for their special contribution in respective domain.
- 2018 **Best Researcher Award** conferred at "International Research Awards on Engineering, Science & Management" held on 20-21 July 2018 at Vishakapatnam, India.
- 2017 **Cyber Crime Helpline Award 2017** organized by Digital Task Force & Cyber Crime Helpline at Pune
- 2016 **Best HoD Award** at Dell Campassador Program organized by Dell India at Bangalore
- 2015 **EMC Star of 2014** Award at EMC Academic India Awards at Chennai in 2015

Membership of Professional Societies:

- IEEE (Institute of Electrical and Electronics Engineers) – 92042408
- ACM (Association for Computing Machinery) - 2533653
- Life Member - ISTE (Indian Society of Technical Education) - LM 42581
- Life Member - CSI (Computer Society of India) - 00127331
- International Association of Engineers (IAENG) - 114795
- ISCA (Indian Science Congress Association) - A3767
- IDES (Institute of Doctors Engineers and Scientists) – 1398
- UACEE (Universal Association of Computer and Electronics Engineers) SNM10100053242 - Senior Member
- ICSES (International Computer Science and Engineering Society) : 558

Ph.D./Dissertation/Project Guidance:

a) Ph. D. : 04 (Faculty of Engineering and Architecture)

1. **Dr. PankajaBagul**, Mapping of Digital Mediation through Process Information Diagrams in Architectural Design, CEPT (Center for Environmental Planning and Technology), University, Ahemadabad, **Completed on 30 Dec 2013**
2. **Dr. Deepak Dharrao**, A study of face detection and recognition methods for real time video surveillance”, ShriJagdish Prasad JhabarmalTibrewalaUni, Rajastan, **28-08-2015**
3. **Mrs. PriyaPise - Dudhane**, “Secure sensitive big data sharing on recent operating Systems”, ShriJagdish Prasad JhabarmalTibrewala University, Rajastan, **28-08-2015**
4. **Mrs. SarikaJankar – Deokate**, Enhancement Of Document Analysis, Classification, And Post Processing Of Devnagari Script, ShriJagdish Prasad JhabarmalTibrewala University, Rajastan,**Completed on 20-04-2019**

b) PhD Thesis Evaluated:

Research Scholar	Guide	Thesis Topic	University	Year
M. Edison	Dr. A. Aloysius	Lexicon Based Approach to Enhance the Accuracy of Sentiment Analysis on Big Data	Bharathidasan University, Tiruchirappalli Tamil Nadu, India	08-06-2018
Anand Khobragade	Dr. Raguwanshi	Contextual Soft Classification Approach Using Multi-Sensory Remote Sensing Data For Identification Of Multiple Crops	RashtrasantTukadojiMaharaj, University, Nagpur	08-12-2017
Shaikh Chhaware	Dr. MohdAatique	Personalized web content mining using soft computing approach	RashtrasantTukadojiMaharaj, University, Nagpur	26-12-2017
Shailesh Kamble	Dr. Nilesh Thakur	Fractal coding based color video compression using automata theory and block matching motion estimation	RashtrasantTukadojiMaharaj, University, Nagpur	05-06-2018
Neeta P Maitre	Dr. MM Khsirsagar	Use of ESTs Gene Predication of Cotton Genome (A Clustering Perspective)	RashtrasantTukadojiMaharaj, University, Nagpur	07-06-2018
Rashmi Welekar	Dr. Nilesh Thakur	Performance Enhancement of Various Parameter of Memetic Algorithm with Application to Character Recognition	RashtrasantTukadojiMaharaj, University, Nagpur	10-12-2019

c) Post Graduate students (ME) : 27

d) Under Graduate students (BE): 30 Projects (115 students)

University Service:

- PhD thesis evaluation committee of RTM Nagpur University ,S.G.B. Amravati University, Amravati and Anna University Chennai, Tirunelveli, Tamilnadu
- PhD Interview Committee for Computer Engineering for SPPU, MIT WPU, BVCoE, VU
- Assistant Director of CAP (Revaluations) for F.E. to B.E. University theory examination
- Senior Supervisor of conduction of Pune University Theory Examination
- Member of LIC of Pune University for Engineering Colleges under Pune University
- Member of Interview Panel of Pune University, BVDU
- Member of panel of examiners for UG and PG of Pune University, BVDU and COEP
- Working as a Paper setter & Project evaluator in Shivaji University, (M.E. comp)
- Member of Committee formed for framing of syllabus for offshore campus of Dubai

Research Publications and Citations :

Summary of publications:

Scopus Indexed document	: 13
International Journal	: 67
International Conferences	: 44
National Conferences	: 46
Google Scholar Citations	: 249
Google Scholar h-Index	: 08
Google Scholar i10-Index	: 06

Personal Information:

Date of Birth : 25 December 1973
Residence : B-403, Grand View 7, Behind Podar International School, Ambegaon (Bk),
Pune - 411046
Phone : 98500 35805
Email ID : Nilesh.Uke@gmail.com
Orcid : 0000-0002-3281-5429
Scopus Author ID : 56028861000
ResearcherID : N-2382-2015
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