



Jayawant Shikshan Prasarak Mandal's  
**JSPM Narhe Technical Campus**

S.No.12/2/2 and 14/9 Narhe, Tal: Haveli, Dist.:Pune-411041  
Phone No: + 91 20 2460 8700, 701, 702 Fax: + 91 20 2460 8888

Web: www.jspmtnc.edu.in

Approved by AICTE New Delhi and DTE Maharashtra  
Affiliated to Savitribai Phule Pune University



**Prof.(Dr.)T. J.Sawant**  
B.E.(Elec.), PGDM,Ph.D  
Founder - Secretary

**Prof.(Dr.) R.K.Lad**  
B.E.(Civil),M.E.(Env.Engg.),Ph.D(Engg.)  
DIRECTOR

Date: 01/11/2018

To

The Coordinator,

NAAC, Bengaluru

**Subject:** List of research papers.

**Reference:** 3.3.4 Number of research papers per teachers in the Journals notified on UGC website during the last five years.

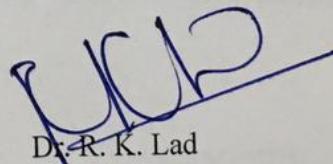
Dear Sir/Madam,

Numbers of research papers in the Journals during the last five years are as follows:

Year	2017-18	2016-17	2015-16	2014-15	2013-14
Number	138	121	72	33	53

Additional information of research papers by the faculty members are at the following link:

<http://jspmtnc.edu.in/Criteria-III/pdf/C3/3.3.4.pdf>



Dr. R. K. Lad

Director

Director  
JSPM Narhe Technical Campus  
Narhe, Pune - 411 041



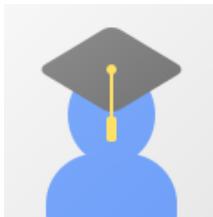
Ravindra Lad

Unknown affiliation

	All	Since 2013
Citations	33	26
h-index	3	3
i10-index	1	1

TITLE	CITED BY	YEAR
<a href="#">Fuzzy MCDM approach for addressing composite index of water and air pollution potential of industries.</a> RA Christian, RK Lad, AW Deshpande, NG Desai JDCTA 2 (2), 64-71	15	2008
<a href="#">A Treatment of domestic sewage and generation of bio sludge using natural coagulants</a> RK Jain, PS Dange, RK Lad International Journal of Research in Engineering and Technology 4 (07), 152	6	2015
<a href="#">Fuzzy modeling for environmental pollution potential ranking of industries</a> RK Lad, NG Desai, RA Christian, AW Deshpande Environmental Progress 27 (1), 84-90	5	2008
<a href="#">Vascular bundle of wasted leaf stalk of coconut tree as a natural coagulant to treat sewage water</a> PS Dange, RK Lad Indian Journal of Science and Technology 9 (44)	3	2016
<a href="#">A fuzzy rule based system for an environmental acceptability of Sewage Treatment Plant</a> PS Dange, RK Lad KSCE Journal of Civil Engineering 21 (7), 2590-2595	2	2017
<a href="#">Fuzzy sludge quality index on the basis of fertilizer potential after primary clarifier</a> RK Lad, PS Dange Procedia Technology 24, 116-123	1	2016
<a href="#">A fuzzy MCDM framework for the environmental pollution potential of industries focusing on air pollution</a> RK Lad, RA Christian, AW Deshpande WIT Transactions on Ecology and the Environment 116, 617-626	1	2008
<a href="#">Study of Pavement Performance Indicators: RII Approach</a> SS Wadalkar, RK Lad, RK Jain Indian Journal of Science and Technology 8 (1)		2018

TITLE	CITED BY	YEAR
<b>Sewage Water Quality Index of Sewage Treatment Plant Using Fuzzy MCDM Approach</b> PS Dange, RK Lad Proceedings of the Fifth International Conference on Fuzzy and Neuro ...		2015
<b>FUZZY RULE BASED APPROACH FOR ADDRESSING ENVIRONMENTAL POLLUTION POTENTIAL OF INDUSTRIES</b> RK Lad, RA Christian, AW Deshpande Journal of Environmental Research And Development Vol 2 (2)		2007
<b>A FUZZY APPROACH TO EVALUATE SUITABILITY OF INFRASTRUCTURE PROJECTS WITH SAFETY</b> GR Pawar, P Dange, RK Lad		



# Rajesh Kulkarni

Assistant Professor

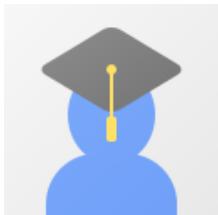
human computer interaction  
software engineering

	All	Since 2013
Citations	21	21
h-index	3	3
i10-index	0	0

TITLE	CITED BY	YEAR
<a href="#">Usability evaluation of PS using SUMI (software usability measurement inventory)</a> R Kulkarni, P Padmanabham, V Sagare, V Maheshwari Advances in Computing, Communications and Informatics (ICACCI), 2013 ...	5	2013
<a href="#">TEIM-THE evolved integrated model of se and hci</a> R Kulkarni, P Padmanabham UNIASCIT 2 (3), 301-304	5	2012
<a href="#">Tree, mesh structure based and stateless multicast routing protocols in wireless networks</a> SP Latake, GR Shinde, RJ Kulkarni Int. J. Comput. Sci. Inf. Technol.(IJCSIT) 4 (3), 485-488	4	2013
<a href="#">An Extensive Review on Data Mining Methods and Clustering Models for Intelligent Transportation System</a> S Anand, P Padmanabham, A Govardhan, RH Kulkarni Journal of Intelligent Systems	3	2017
<a href="#">Validating utility of TEIM: a comparative analysis</a> R Kulkarni, P Padmanabham IJACSA International Journal of Advanced Computer Science and Applications 4 (1)	2	2013
<a href="#">Investigating Agile Adaptation for Project Development</a> RH Kulkarni, P Padmanabham, M Harshe, KK Baseer, P Patil International Journal of Electrical and Computer Engineering (IJECE) 7 (3 ...	1	2017
<a href="#">Dissemination of xml data in wireless environment supporting twig pattern queries</a> M Namose, R Kulkarni IJCSMC 3 (5), 1061-1067	1	2014
<a href="#">Outlier detection using weighted holoentropy with hyperbolic tangent function</a> MV Harshe, RH Kulkarni International Journal of Data Analysis Techniques and Strategies 10 (2), 182-203		2018

TITLE	CITED BY	YEAR
<a href="#">Integration of artificial intelligence activities in software development processes and measuring effectiveness of integration</a> RH Kulkarni, P Padmanabham IET Software 11 (1), 18-26		2017
<a href="#">A New Approach to Broadcast XML Data in Wireless Environment Supporting Twig Pattern Queries</a> MS Namose, RH Kulkarni ASIAN JOURNAL FOR CONVERGENCE IN TECHNOLOGY (AJCT)-UGC LISTED 3		2017
<a href="#">A socio-economic status-dependent case study on relevance and frequency-enabled trip planning model</a> S Anand, P Padmanabham, A Govardhan, RH Kulkarni International Journal of Society Systems Science 9 (1), 29-57		2017
<a href="#">Investigating Agile adaptation for Software Development</a> PP Rajesh H. Kulkarni, P. Padmanabham, Manasi Harshe, K.K. Baseer International Journal of Electrical and Computer Engineering 7 (3), 8		2017
<a href="#">Relevance- and Frequency-Enabled Trip Planning Model Based on Socio-economic Status</a> A Sesham, P Padmanabham, A Govardhan, R Kulkarni Journal of Intelligent Systems		2016
<a href="#">PS redesign for Smartphone-using older adults</a> RH Kulkarni, P Padmanabham, S Nadaf Computing Communication Control and automation (ICCUBEA), 2016 International ...		2016
<a href="#">Critical Review of Extended Agile Process Model</a> VN Rajesh H. Kulkarni, P.Padmanabham International Journal of Scientific & Engineering Research 6 (7), 6		2015
<a href="#">Designing Secured Incremental Backup for Cloud</a> RK Shyam Ingale International Journal of Computer Science and Information Technologies 6 (1), 5		2015
<a href="#">A Fine Grained Framework for Selective Sharing of Composite EHRs in Clouds</a> RK Shital Palasagaonkar International Journal of Advanced Research in Computer Engineering ...		2014

TITLE	CITED BY	YEAR
<a href="#">A Novel Encoding Technique of Broadcasting XML data using Twig patterns in wireless Environment</a> MS Namose, R Kulkarni International Journal 3 (11)		2013
<a href="#">Improving Software Quality Attributes of PS Using Stylecop</a> MSN R.Kulkarni, P.Padmanabham Global Journal of Computer Science and Technology Software & Data ...		2013
<a href="#">A Process of Metaphor Generation for PS</a> p.padmanabham rajesh kulkarni gjcat 2 (1), 977-979		2012



# Satish Satpal

Assistant Professor JSPM NTC  
Vibration Control  
Structural Health Monitoring  
Finite Element Analysis

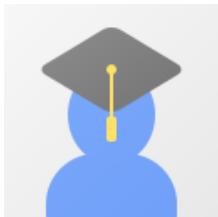
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Since 2013

Citations	16	16
h-index	2	2
i10-index	1	1

TITLE	CITED BY	YEAR
<a href="#">Damage identification in aluminum beams using support vector machine: Numerical and experimental studies SB Satpal, A Guha, S Banerjee Structural Control and Health Monitoring 23 (3), 446-457</a>	11	2016
<a href="#">Structural health monitoring of a cantilever beam using support vector machine SB Satpal, Y Khandare, A Guha, S Banerjee International Journal of Advanced Structural Engineering 5 (1), 2</a>	4	2013
<a href="#">VIBRATION BASED HEALTH MONITORING OF HONEYCOMB CORE SANDWICH PANELS USING SUPPORT VECTOR MACHINE S Gupta, SB Satpal, S Banerjee, A Guha International Journal on Smart Sensing &amp; Intelligent Systems 9 (1)</a>	1	2016
<a href="#">Design and experimentation on passive vibration isolation systems using PZT-PDMS composite and a shape memory alloy wire integrated mechanism SBSR Datta, VCB Bhattacharya Advances in Control and Optimization of Dynamical Systems 3 (1), 981-988</a>		2014
<a href="#">Application of support vector machine in health monitoring of plate structures S Satpal, Y Khandare, S Banerjee, A Guha</a>		



sumant choudhari

Associate Professor

Reservoir Operation

Optimization

Fuzzy Logic applications in Water Resources

Irrigation Planning

Evolutionary Algorithms

	All	Since 2013
Citations	41	31
h-index	2	2
i10-index	2	2

TITLE	CITED BY	YEAR
<a href="#">Differential evolution algorithm with application to optimal operation of multipurpose reservoir</a> DG Regulwar, SA Choudhari, PA Raj Journal of Water Resource and Protection 2 (06), 560	22	2010
<a href="#">Multiobjective multireservoir operation in fuzzy environment</a> SA Choudhari, PA Raj Water resources management 24 (10), 2057-2073	19	2010
<a href="#">Differential Evolution Algorithm with Application to Optimal Operation of Multipurpose Reservoir Open Access</a> DG Regulwar, SA Choudhari, PA Raj		



Vilas S.Gaikwad

Assistant Professor  
Data Mining  
Image Processing  
Cloud Computing

	All	Since 2013
Citations	8	8
h-index	1	1
i10-index	0	0

TITLE	CITED BY	YEAR
<a href="#">Steganography techniques: A review</a> MPR Kamble, MPS Waghmode, MVS Gaikwad, MGB Hogade International Journal of Engineering 2 (10)	5	2013
<a href="#">Relaxed Constraints Formulation for Non-linear Distance Metric Learning in Hierarchical Clustering</a> A Mhetre, VS Gaikwad	1	2017
<a href="#">One Versus All Classification in Network Intrusion detection using decision tree</a> VS Gaikwad, PJ Kulkarni International Journal of Scientific and Research Publications 2 (3), 1-5	1	2012
<a href="#">GSM Based Server Control System (SCS) For Better Security of Computer Automation</a> VS Gaikwad, SV Patil, RG Patil, VDDSM Ambulkar, RR More	1	
<a href="#">Communication Between Devices using mmWave within Small Cells in Wireless Network and Exploiting Spatial Reuse.</a> HK Dandage, APVS Gaikwad IJETT 1 (2)		2017
<a href="#">Fault Link Detection In WSN Using Link Scanner Approach</a> MPB Ronge, MVS Gaikwad		2017
<a href="#">Novel approach for data stream clustering through micro-clusters shared Density</a> PV Desai, VS Gaikawad		2017
<a href="#">Discovering Application Level Semantics for Online Discovery of Gathering Patterns</a> CH Kamble, VS Gaikwad International Journal 4 (1)		2016
<a href="#">Working in Different Platforms of Cloud for the Online Signal and Trajectory Simplification</a> CH Kamble, VS Gaikwad International Journal 4 (1)		2016

TITLE	CITED BY	YEAR
<b>Review of Various Approaches for Securing Cloud Storage</b> Kranti M. Chaudhari, Prof. Vilas S. Gaikwad VS Gaikwad International Journal of Innovative Research in Computer and Communication ...		2015
<b>Efficient Approach of Infrequent Weighted ITEMSET</b> RM Zagade, VS Gaikwad International Journal 3 (7)		2015
<b>Software Metric Pattern Discovery for Text Mining</b> VM Gaikwad, SS Patil International Journal of Computer Science and Network Security (IJCSNS) 14 ...		2014
<b>Forecasting of Stock Market using Historical Data</b> APVS Gaikwad, MVR Shinde, MOG Warekar, MVG Patil, MNS Patil, ... Int. J. of Multidisciplinary Sciences and Engineering Research 1 (1)		2014
<b>A Novel SYSTEM TO COMMUNICATE BETWEEN DEVICES IN A WIRELESS NETWORK WITHIN MACRO-CELL USING MMWAVE AND EXPLOITING SPATIAL REUSE</b> MHK Dandage, MVS Gaikwad		
<b>Improved System For Clustering Using Outward Statistical Testing On Density Metrics</b> AA Jadhav, APVS Gaikwad		
<b>Ensuring Security of JAR Files Using SHA Algorithm on The Cloud</b> G Karvande, V Gaikwad		
<b>Survey on: Fade Architecture for Secured Access and Assured Deletion in Cloud Storage</b> N Musale, V Gaikwad		
<b>Enabling Data Dynamics and Achieving Access Control and Assured Deletion in Cloud</b> N Musale, V Gaikwad		
<b>Malicious Android Applications in market place: How Do We Fix It?</b> P Waghmode, V Gaikwad, P Kamble		