

CRITERIA 3

Links of Journal/ Conference along with the links redirecting to the source website

Sr.	Name of the Title	Name of the Faculty	Link of the chapter/paper
1	Design and Development of 360 Solar Air Cooler	Mr.S.A.Wani	https://www.iomcworld.org/innovative-research-science-engineering-technology.html
2	Material Handeling System by Using Renewable Energy Sources	Mr.S.A.Wani	https://www.iomcworld.org/innovative-research-science-engineering-technology.html
3	A Review on Theory of Relativity	Mr.S.A.Wani	https://www.iomcworld.org/innovative-research-science-engineering-technology.html
4	Phytochemical Screening And Extraction Of Products From Grass	Dr. Sanjay Bhagat	https://www.ijcrt.org/papers/IJCR T2307246.pdf
5	A Parametric Study on Intensified Degradation of Textile Dye Water Using Hydrodynamic Cavitation Based Hybrid Technique	Vivek S. Kore	https://doi.org/10.1016/j.cep.2023.109550
6	A Parametric Study on Intensified Degradation of Textile Dye Water Using Hydrodynamic Cavitation Based Hybrid Technique	Prashant B. Dhanke	https://doi.org/10.1016/j.cep.2023.109550
7	Intensified degradation of reactive blue 222 (RB222) textile dye by a hybrid AOP system of hydrodynamic cavitation coupled with inline UV and PMS oxidant	Vivek S. Kore	https://doi.org/10.1016/j.jwpe.2023.104472
8	CAPACITY SPECTRUM ANALYSIS OF R.C.C STRUCTURE WITH & WITHOUT SHEAR WALL IN PLAN SYMMETRY & ASYMMETRY	V. V. Nair	https://www.ijrti.org/papers/IJRTI 2304066.pdf
9	STUDY OF PUSHOVER ANALYSIS OF G+10 RCC BUILDING WITH SHEAR WALL	V. V. Nair	https://irjet.com/archives/V10/i4/IRJET-V10I419.pdf
10	COST EFFECTIVE	Sadhana M. Patil	https://www.ijeast.com/papers/4

	MECHANISM TO TREAT WASTE WATER		05-408,%20Tesma0706,IJEAST.pdf
11	Image Compression of Handwritten Devanagari Text Documents Using a Convolutional Autoencoder	Ambadas Balu Shinde	https://www.scopus.com/sourceid/21101021990
12	Autonomous Landmine Tracker System	Dr. M. S. Chavan	https://www.irjet.net/
13	Smart Medicine Box	Dr. M. S. Chavan	https://www.irjet.net/
14	Development of Machine Learning Based Epileptic Seizureprediction using Web of Things (WOT)	Dr. D. B. Kadam	https://portal.issn.org/resource/ISSN/1303-5150
15	Implementation of Carry Select Adder (CSLA) for Area, Delay and Power Minimization	Dr. D. B. Kadam	provinciajournal.com/index.php/telematique
16	Verilog HDL Implementation of Efficient Lossless EEG Compression Architecture Based on VLSI	Dr. D. B. Kadam	provinciajournal.com/index.php/telematique
17	Grapes Leaf Disease Recognition Using ML	S. V. Phakade	https://journals.indexcopernicus.com/search/details?id=32632
18	Automatic Cursor Moving and Clicking of PC with Eye Gaze Tracking.	Dr. Mrs. S. S. Sankpal	https://gisscience.net/
19	Intelligent Unmanned Railway Engine with Automated Control System	Dr. Mrs. S. S. Sankpal	UGC Approved Journal No 63975 https://jetir.org/jetir%20ugc%20approval.pdf
20	IOT Based Charging Station Technology for EVS	Dr. Mrs. S. S. Sankpal	https://gisscience.net/
21	Machine Learning-Based Music Player Using Face Recognition	D. O. Shirsath	UGC Approved Journal No 63975 https://jetir.org/jetir%20ugc%20approval.pdf
22	Smart Vehicle	D. O. Shirsath	https://portal.issn.org/resource/ISSN/2349-5162
23	CRC method in SDN networks: Review	Rupali R. Jagtap	https://doi.org/10.1063/5.0143433
24	Recommendation Systems Using Event-Based Temporal Data Model	Mr. Vinod B. Ingale	https://ijisae.org/index.php/IJISAE/article/view/3886
25	Securing IoT system Access Control using Blockchain-Based Approach	Mr. Umar Mulani	https://ijisae.org/index.php/IJISAE/article/view/2408
26	"PLC Based Automatic Sprinkler Irrigation	S S Sutar	https://www.indianjournals.com/Mobile/JournalDetails.aspx?target

	System"		=journal&cocode=ijemr&paid=True &type=browse
27	Implementation Of Bldc Motor Control Using Pid And Fuzzy	Dr. L. S Patil	https://gisscience.net/volume-10-issue-5-2023/https://gisscience.net/
28	EVALUATION OF SOIL NUTRIENTS BY USING TYPE-1 FUZZY SET	Anushka A. Patil1	https://drive.google.com/file/d/1PCiep6McD3qKtC6Y2v96BYjZ4oNxrCoo/view?usp=drive link

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Sr.	Name of the Title	Name of the Faculty	Link of the chapter/paper
1	Maize Oil Blended With Diesel as an Eco-Friendly Energy Source	A. P. PATIL, Dr.A.A.PATIL	https://iariset.com/ncrtet-2022/
2	Comparative Study of Performance of Rectangular Fins and V Fins on a Vertical Base Plate under Free Convection Heat Transfer	U.S.Patil	https://www.irjet.net/archives/V9/i1/IRJET-V9I1147.pdf
3	Optimization and simulation of refinery vaccum column with an overhead condenser	S.L.Bhagat	https://www.sciencedirect.com/science/article/pii/S2214785321079013?via%3Dihub
4	Cleaner production of catalytic thumba methyl ester (Biodiesel) from thumba seed oil (Citrullus Colocytis) using TiO ₂ nanoparticles under intensified hydrodynamic cavitation	P.B.Dhanke	https://www.sciencedirect.com/science/article/abs/pii/S0016236121028817
5	Performance Evaluation of HVNLBP and SVM for Facial Emotion	Dr. J. A. Shaikh	http://ijream.org/papers/IJREA-MV08I0791011.pdf
6	Study of Facial Emotion Recognition Techniques	Dr. J. A. Shaikh	https://ijirt.org/master/publish-edpaper/IJIRT155996_PAPER.pdf
7	A Review on Implementation of Unique Technique for Identification and Analysis of Corona Virus (COVID-19) infectious diseases from radiology images using MACHINE	Dr. K. P. Paradeshi	https://www.scopus.com/sourcoid/16200154732

	LEARNING		
8	Development of Pose Invariant Face Recognition Method Based on PCA and Artificial Neural Network	Dr. K. P. Paradeshi	https://publishoa.com/index.php/journal/article/view/1162/1007
9	Development of Pose Invariant Face Recognition Method Based on PCA and Artificial Neural Network	Dr. K. K. Pandyajji	https://publishoa.com/index.php/journal/article/view/1162/1007
10	Title: Automatic Animal Food Feeding System	Dr N M Dhawale, Prof P M Magdum	https://ijaem.net/issue_dcp/Automatic%20Animal%20Food%20Feeding%20System.pdf
11	Title: On Development of a Portable Touch Screen Oscilloscope	Dr N M Dhawale, Prof P M Magdum Prof S S patil	https://ijaem.net/issue_dcp/On%20Development%20of%20a%20Portable%20Touch%20Screen%20Oscillo%20scope.pdf
12	Title : On Design Prototyping and Testing of IoT Enabled Sensors Using Open Source Tools	Dr N M Dhawale	https://d1wqtxts1xzle7.cloudfront.net/72070386/lot-libre.pdf?1633870365=&response-content-disposition=inline%3B+filename%3DOn_Design_Rapid_Prototyping_and_Testing.pdf&Expires=1716544822&Signature=LgmcCQLyXISk6Wkavc5Lo-3o0bBhXqAj3izubgy6aw56UP3TixBnJXMWm1Te7AowuRBgWRKiURai92Zj5R9EaxrTB5ygdPtMolnRrPbl-X6Y04LHqbeKXA12QBszmPlq4n2380xSVugTwHMsRrK0IXnn1s-usf9HbhZ1ocVZi4ONVW5mZilvB1UFii40kwMy1DFpiermZ09q1DUObO8RwoX7Pn7cVKqXUorLEAVHLz6vA5LiagLs7ZF8Sx7a0-uMR2EQThFdU0XaoCQPrCXfWC82UyuTiy~T7i1O5lemJwR5ICOQqd2wOqE0IYzLkXW6S8o6jDvT51gyDYGMLbGMDQ__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA

13	A Case Study on Steps Taken by Higher Educational Institute to create A Complete Ecosystem to Foster the Culture of Innovation across the Region from Ideas Generation to Pre Incubation, Incubation and Graduating from the Incubator as Successful Start Ups	Dr N M Dhawale, Dr. D. V. Ghewade	https://ijaem.net/issue_dcp/A%20Case%20Study%20on%20Steps%20Taken%20by%20Higher%20Educational%20Institutional%20to%20Create%20A%20Complete%20Ecosystem%20to%20Foster%20the%20Culture%20of%20Innovation%20across%20the%20Region%20from%20Ideas%20Generation%20to%20Pre%20Incubation,%20Incubation.pdf
14	Title: 3D Printing Technology & its applications in real world scenario	Dr N M Dhawale	https://www.researchgate.net/publication/358465289_3D_Printing_Technology_and_its_Applications_in_Real-World_Scenario
15	Title: A Review on Detection Techniques to Quantify Nutritional Constituents of Milk	Mr. P. M. Magdum	https://ijaem.net/issue_dcp/A%20Review%20on%20Detection%20Techniques%20to%20Quantify%20Nutritional%20Constituents%20of%20Milk.pdf
16	Covid Protocol Management System-Application and Algorithm	Mr.A.R.Dandekar, Mr.S.A.Wani, Mr.N.D.Patil, Mr.P.P.Awate	10.1109/PuneCon52575.2021.9686540
17	PERFORMANCE ANALYSIS AND EVALUATION OF RECOMMENDATION SYSTEMS USING TIME BASED TEMPORAL DATA MODELS	Vinod B. Ingale	https://gisscience.net/volume-9-issue-12-2022/
18	Securing IoT system Access Control using Blockchain-Based Approach	U M Mulani	Securing IoT system Access Control using Blockchain-Based Approach International Journal of Intelligent Systems and Applications in Engineering (ijisae.org)
19	Prediction of Employee Attrition Using Machine Learning Approach	A. G. Patil	https://www.ijraset.com/fileservice.php?FID=37796
20	Document Vault Using React JS	Dr. D. B. Kadam	https://scholar.google.com/citations?hl=en&user=wdpMcp4AA

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21	Automatic Plant Watering System using Real Time Clock	Dr. S. S. Sankpal	https://scholar.google.com/citations?hl=en&user=ff691OwAAA AJ
22	Smart Helmet for Coal Mining Workers	Dr. S. S. Sankpal	https://scholar.google.com/citations?hl=en&user=ff691OwAAA AJ
23	Digital Signature Based Theft Vehicle Detection using Image Processing	D. O. Shirsath	https://scholar.google.com/citations?hl=en&user=QtGIUwQAAA AAJ
24	Overview: Speech Processing Techniques	Ms. R. P. Onkare	https://scholar.google.com/citations?hl=en&user=iJLxwDUAAA AJ
25	IOT Based LPG Booking System and Leakage Detection	C. M. Patil	https://scholar.google.com/citations?hl=en&user=yhHFh70AAA AAJ
26	Development and Assessment of Integrated Portable Water Treatment System (IPWTS)	Dr. V.T. Gaikwad	https://dormaj.org/index.php/jett/article/view/117
27	Water Resources Development and Causes of Flood Blossoming in Upper Krishna River Basin Flood Blossoming in Upper Krishna River Basin Water Resources Development and Causes of Flood Blossoming in Upper Krishna River Basin	Mr. A.S. Ingale	https://www.ijaiem.org/Volume10Issue7/IJAIEM-2021-07-30-14.pdf
28	TECHNICAL INVESTIGATION BY USING GIS FOR FLOOD CONDITION ARISEN IN UPPER KRISHNA BASIN, MAHARASHTRA, INDIA.	Mr. A.S. Ingale	https://gisscience.net/volume-8-issue-7-2021/
29	Rehabilitation of Existing Roads by Using White Topping	Mr.N.S. Patil	Volume 05 Issue 08 August, 2021 - IJSREM
30	Seismic Analysis of High Rise Building Using Outriggers and Belt-	Mr. N.P. Phadtare	https://www.irjet.net/archives/V9/i7/IRJET-V9I7351.pdf

	Truss System		
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1	Process Intensification of Thumba Methyl Ester (Biodiesel) Production using Novel Approach of Hydrodynamic Cavitation	Abhijeet D Patil	https://www.journals.elsevier.com/chemical-engineering-research-and-design
2	Hydrodynamic cavitation for process intensification of biodiesel synthesis- A Review	Abhijeet D Patil, Prashant Dhanke	https://www.journals.elsevier.com/current-research-in-green-and-sustainable-chemistry
3	Adsorptive column studies for removal of acid orange 7 dye using bagasse fly ash	Sanjay L.Bhagat	http://nopr.niscair.res.in/handle/123456789/57840
4	Life cycle cost analysis of green and conventional building based on rain water harvesting	Mr.A.S.Ingale	https://www.irjet.net/archives/V7/i7/IRJET-V7I7345.pdf
5	Comparative study of seismic behaviour of flat slab structure and conventional frame structure	Mr. A.K. Salunkhe, Mr.S.B. Mohite	http://www.jetir.org/papers/JETIR2007404.pdf
6	Review on Leukemia Detection and Classification Frameworks	Patil Babaso Shamrao	http://sersc.org/journals/index.php/IJFGCN/article/view/34921/19353
7	Leukemia Diagnosis Based on Machine Learning	Patil Babaso Shamrao	https://ieeexplore.ieee.org/document/9298321
8	Thyroid Detection using Speech Recognition	Patil Babaso Shamrao, Pande Arvind Prakash	http://www.iosrjournals.org/iosr-jece/papers/Vol.%2015%20Issue%202/Series-2/A1502020106.pdf
9	Exponential Grey Wolf Optimization Technique	Amolkumar Jadhav	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3769898

	for Quick Centroid Assessment in Data Clustering		
10	Control of Three-Phase PWM Rectifier as Virtual Synchronous Machine Using an Integral Sliding Mode Controller	Mr. S. Y Gadgune	https://www.springer.com/journal/40031
11	Character Segmentation Technique for Printed and Handwritten Devanagari Script without Extraction of Shirorekha	Ambadas B. Shinde	http://journals.dbuniversity.ac.in/ojs/index.php/AJET/article/view/1443
12	Review: Hand Motion Translator for Speech and Hearing Impaired using Image Processing	Prof. K. K. Pandyaji, PVPIT,Budhgaon,sangli Miss. A. A. Patil, PVPIT,Budhgaon,sangli	http://ijsrd.com/Article.php?manuscript=IJSRDV71120129
13	Prediction of Employee Attrition Using Machine Learning Approach	A. G. Patil	https://www.ijrpr.com/uploads/V2ISSUE7/IJRPR816.pdf
14	Prediction of Employee Attrition Using Machine Learning Approach	A. G. Patil	https://www.ijraset.com/fileservice.php?FID=37796
15	Design and development of Human Energy Harvesting Apparatus With Energy Generation Health and Environmental Benefits, ISSN : 1533-9211, SEYBOLD Report, Vol. 15 Issue 8 - 2020	Dr N M Dhawale	seyboldjournal.com
16	Design & Development of a Mobile Platform to Monitor and Control Plant Environment Variable Using a Smart Phone, SEYBOLD Report ISSN: 1533-9211, Vol. 15 - Issue 8 - 2020	Dr N M Dhawale	seyboldjournal.com
17	A Case Study of Soil Properties Measurement Techniques in Ancient India Scriptures, GIS Science Journal ISSN No:	Dr N M Dhawale	www.gisscience.net

	1869 - 9391, Volume 7 ISSUE 11, Nov 2020		
18	Single Phase Heat Transfer and pressure drop in micro fin tubes with coiled wire inserts	Mr.S.A.Wani	https://ugccare.unipune.ac.in/apps1/home/index
19	Study of single phase heat transfer and pressure drop in microfin tubes with coiled wire inserts	Mr.S.A.Wani	https://ugccare.unipune.ac.in/apps1/home/index
20	Research on a Blackened Aluminium Plate with V fin under natural convection heat transfer condition	Mr.S.A.Wani	https://ugccare.unipune.ac.in/apps1/home/index

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Sr.	Name of the Title	Name of the Faculty	Link of the chapter/paper
1	Paper Publication Empirical Modeling and Performance Comparison of Decentralized PI/PID Controllers for Two-tank Interacting Process	Mr. V L Karade, Mr. S S Sutar	volume9-issue45-2020-179-189.pdf J99150881019.pdf
2	Automatic Arial Vehicle Based Pesticides Spraying System for Crops	Dr. M. S. Chavan	https://www.ijitee.org/wp-content/uploads/papers/v8i11/J99150881019.pdf
3	Diagnosis of Plant Diseases using Artificial Neural Network	Dr. M. S. Chavan	https://www.ijitee.org/wp-content/uploads/papers/v8i11/J98020881019.pdf
4	Pitch Estimation using Time Domain Algorithm	Dr. M. S. Chavan	https://www.ijitee.org/wp-content/uploads/papers/v8i11/J97330881019.pdf
5	K-SVD Dictionary Developing Algorithms for Sparse Representation of Signal	A. G. Patil	https://www.irjet.net/archives/V6/i6/IRJET-V6I6610.pdf
6	K-SVD Dictionary Developing Algorithms for Sparse Representation of Signal	A. G. Patil	https://www.ijraset.com/fileservice.php?FID=24562
7	Effect of Secret Image Transformation on the Steganography with use of LSB and DCT Techniques	A. G. Patil	https://www.ijraset.com/fileservice.php?FID=24372
8	Testing of Image Steganography with use of LSB and DCT Techniques	A. G. Patil	https://www.scopus.com/sourceid/21100889409
9	Security System using	Dr. D. B. Kadam	https://www.ijitee.org/wp-

	Raspberry Pi		content/uploads/papers/v8i11/J11630881019.pdf
10	Anti-Theft Locking for Stolen Vehicles and Canny Password Protected Access to Personalized Vehicles	Mrs. S. S. Sankpal	https://www.ijitee.org/wp-content/uploads/papers/v8i10/I8644078919.pdf
11	Review on Automatic Cursor Moving and Locking of PC with Eye Gaze Tracking	Mrs. S. S. Sankpal	https://www.ijssrd.com/articles/IJSRDV7I80476.pdf
12	Wireless Security Camera System	B. P. Kulkarni	https://www.scopus.com/sourceid/21100889409

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Sr.	Name of the Title	Name of the Faculty	Link of the chapter/paper
1	THE RISE OF SOCIAL MEDIA AND ITS IMPACT	Ashutosh Dandekar, A.P.Shrotri, N.V.Hargude, P.P.Awate, N.D.Patil	https://www.ijrar.org/papers/IJRA R1903505.pdf
2	Experimental Design Of Collection And Separation Of Cashew Fruit Machine	Mr.S.A.Wani	https://www.ijirset.com/upload/2018/september/61_Experimental.pdf
3	Cam operated sugercane bud cutting machine	Mr.S.B.Khandagale	https://www.irjet.net/archives/V5/i10/IRJET-V5I1027.pdf
4	Experimental Study On WINSUM CLIMATISATION	Mr.S.A.Wani	https://www.irjet.net/archives/V5/i10/IRJET-V5I10171.pdf
5	Gearless Transmission Mechanism	Mr.S.B.Khandagale	https://ijsrd.com/Article.php?manuscript=IJSRDV6I100173
6	A Review of Design, Development and Analysis of Carbon Fiber Sprocket	Mr.Sheetal Gunjate, Mr.D.P.Patil	: https://www.jetir.org/view?paper=JETIR1905C70
7	HEAT TRANSFER IMPROVEMENT IN POOL BOILING BY MEASUREMENT OF CONTACT ANGLE OF DROP ON HORIZONTAL SURFACE	Mr.S.S.Gunjate	https://www.jetir.org/papers/JETIRAH06050.pdf
8	Design of dies and in pneumatic press for ring sizing,bending and forming	Mr.N.V.Hargude Mr.A.R.Dandekar	https://j-asc.com/index.php/volume-6-issue-2-february-2019/
9	Implementation of Industrial Waste Water Purification & Bottle Filling Using PLC	Mr V L Karade and Mr S S Sutar	www.ijareeie.com
10	Android Based Student Feed Back System For Improved Teaching Learning	Mr V L Karade and Mr S S Sutar	DOI: https://doi.org/10.26438/ijcse/v7i2.237243 Available online at: www.ijcseonline.org

11	Soil Analysis Techniques Based on Global Positioning Enabled Mobile Image Processing	Dr N M Dhawale	www.ijrar.org
12	A review on experimental analysis of flexural behaviour of rc beams by using high strength steel	Mr. M.V. Nagendra	https://www.irjet.net/archives/V5/i6/IRJET-V516445.pdf
13	Experimental analysis of deep beam strengthen by reinforced polymer plate.	Mr. M.V. Nagendra	https://www.irjet.net/archives/V5/i6/IRJET-V51693.pdf
14	Flexural Behaviour of RCC Beam with Partial Replacement of Fine Aggregate with Manufactured Sand	Mr. M.V. Nagendra	https://www.irjet.net/volume5-issue10
15	Behavior of Concrete under Partial Replacement of Hypo-Sludge & Foundry-Sand	Mr. T.S. Kale.	http://www.ijste.org/articles/IJST-EV5I3020.pdf
16	Static analysis of multi-storied building as per is 1893-2002 and is 1893-2016	Mr. M.S. Kakamare	https://www.irjet.net/archives/V5/i4/IRJET-V514503.pdf
17	Dynamic analysis of multi-storied building as per is 1893-2002 and is 1893-2016	Mr. M.S. Kakamare	https://www.irjet.net/archives/V5/i6/IRJET-V516390.pdf
18	Comparative Study of Dynamic Analysis of Transmission Towers	Mr. M.S. Kakamare	https://www.irjet.net/archives/V5/i8/IRJET-V518110.pdf
19	Review Paper on Comparative Study of Dynamic Analysis of Transmission Towers	Mr. M.S. Kakamare	https://www.irjet.net/volume5-issue8
20	Comparative Study of an Industrial Pre – Engineered Building with Conventional Steel Building	Mr. N.P. Phadtare	IRJET-V511024.pdf

21	Review Paper on comparative study of an Industrial Pre- Engineered Building with Conventional Steel Building	Mr. N.P. Phadtare	https://www.irjet.net/volume5-issue10
22	Design of high damping rubber Isolator for RC Multistoried Structures and its Comparative Seismic Analysis	Mr. N.P. Phadtare	https://www.irjet.net/archives/V5/i8/IRJET-V5I898.pdf
23	Dynamic analysis and Design of G+ 8 storey RC structure by providing lead rubber bearing as base isolation system	Mr. N.P. Phadtare	https://www.irjet.net/archives/V5/i8/IRJET-V5I899.pdf
24	Flexural Behaviour of RC beam with partial replacement of coarse aggregate by coconut shell	Mr. M.V. Nagendra	https://www.irjet.net/archives/V5/i6/IRJET-V5I694.pdf
25	STUDY ON TURBIDITY REMOVAL BY ALUM COAGULATION AND SAND BALLASTED ALUM COAGULATION WITH ALOE VERA	Mr. V.T. Gaikwad	https://www.researchgate.net/publication/334252684_Turbidity_removal_by_conventional_and_ballasted_coagulation_with_natural_coagulants
26	The study of reliability of X-type bracing system to avoid progressive collapse of structure	Mr. N.P. Phadtare	https://www.irjet.net/volume6-issue3
27	To check the Pozzolanic Reactivity of sugarcane bagasse ash as a partial replacement material for cement	Mr. R.S. Patil, Mr. V.G. Sawant	http://www.jetir.org/view?paper=JETIR1905I45
28	Effect of shear wall on Performance of flat slab	Mr. A.K. Salunkhe, Mr. S.B. Mohite, Mr. A.A. Kusanale	http://www.jetir.org/view?paper=JETIR1905K87