
	<b>Pimpri Chinchwad Education Trust's</b> <b>Pimpri Chinchwad College of Engineering</b>	
<b>Faculty Publications Details</b>		

Name of the Faculty: Dr. S. T. Mali		
Sr. No.	Year	Details
<b>International Journal</b>		
1	CAY (2020-21)	“A Review for Watershed Management Practices – Analysis and Development” in International Journal for Research and Development in Technology, volume -14, Issue-1, pp.115-120. ISSN (O): 2349-3585 on July 2020
2	CAY (2020-21)	“Analysis and Development of Watershed for Ruikhed Village, Maharashtra- A Case Study” at International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 08, pp.-2265-2270, e-ISSN: 2395-0056 on August 2020.
3	CAYm1 (2019-20)	“Effect of Escalation on Construction Projects”, in Journal of Emerging Technologies and Innovation Research (JETIR), Volume 6, Issue 6, pp. 133-138. (ISSN-2349-5162).
4	CAYm1 (2019-20)	“Pressure driven approach in water distribution network analysis: A Review” in The International journal of analytical and experimental modal analysis, Volume XI, Issue VII, July/2019, Page No:877-896, ISSN NO: 0886-9367.
5	CAYm2 (2018-19)	“Extraction of Copper from Leachate by Graphene Oxide And 8-Hydroxyquinoline”, IJSART - Volume 4 Issue 5 – MAY 2018
6	CAYm3 (2017-18)	“Landfill site selection using GIS and MCDA methods: A Review” at International Journal of Research in Engineering, Science and Technologies (IJRESTs) Civil Engineering” ISSN 2395-6453 (Online), May 2017
7	CAYm3 (2017-18)	‘Hybrid Approach in Anaerobic Bioreactor Landfill to Decrease the Time Required for Stabilization’ International Journal of Research in Engineering, Science and Technologies (IJRESTs) Civil Engineering, Vol. 3, No. 3, May 2017, pp.21-24. ISSN 2395-6453.
<b>National Journal</b>		

1	CAYm1 (2019-20)	‘Study of anaerobic digestion process for methane production and residue generation’, in Technical Journal of The Institution of Engineers (India) Pune Local Centre, under the aegis of Interdisciplinary Coordination Committee, IEI, Volume -43, November 2019. pp 63-70. ISBN No: 978-81-924990-7-9.
<b>International Conferences</b>		
1	CAY (2020-21)	‘Estimation of Methane generation potential from Municipal Solid Waste by using Bromatological Characteristics for Pimpri Chinchwad City’ at International Conference on “Advanced Technologies for Societal Applications – Techno Societal 2020”, held at SVERI’s College of Engineering, Pandharpur (M.S.), India during 11-12 December, 2020.
2	CAYm1 (2019-20)	Investigation of best phase distribution method for anaerobic digestion process for organic waste, oral presentation in IV International Conference “Sustainable Energy and Environmental Challenges” (IV SEEC -2019) organized by CSIR- National Environmental Engineering Research Institute (CSIR-NEERI) and International Society for Energy, Environment and Sustainability (ISEES), at Nagpur on 27th -29th, November 2019.
3	CAYm1 (2019-20)	“Investigating effect of pipe closer as pressure deficient condition on water distribution network using EPANET” in ICCUBEA 2019- Fifth International Conference on Computing, Communication, Control and Automation, organized by Pimpri Chinchwad College of Engineering, Pune.
4	CAYm2 (2018-19)	Characterization of Market Solid Waste at Source in Kolhapur City, Maharashtra, India, in Advances in Waste Management, Select Proceedings of Recycle 2016, chapter 12, Publisher Springer Nature Singapore (ISBN: 978-981-13-0214-5). pp. 467-478.
5	CAYm3 (2017-18)	“Integration of GIS and AHP, ANP modeling for Landfill site selection for Nagpur City” at International Conference on Waste Management (ICWM), IIT Guwahati on 22nd to 24th February 2018.
6	CAYm3 (2017-18)	“Municipal solid waste Management in Kolhapur city, Current practices and Future Recommendation “at International Conference on Waste Management (ICWM), IIT Guwahati on 22 <sup>nd</sup> to 24 <sup>th</sup> February 2018.
<b>National Conferences</b>		
1	CAY	Domestic Plants as Biological Buoyant Filters for Wastewater Reclamation organized

	(2020-21)	by Guru Govind Singh College of Engineering & Research Centre, Nashik, ISBN: 978-93-5407-601-5.
2	CAYm1 (2019-20)	Hybrid Bioreactor Landfill: A Novel Approach for Enhancement of Rate of Degradation in Anaerobic Bioreactor Landfill, in Proceedings of Geoenvironment-2020, International Seminar on Contaminated sites and Conference on Geo environment & Sustainability, 17th to 19th February 2020 organized by Geotechnical and Geoenvironment Group, Civil Engineering Department, sponsored by Ministry of Environment, Forest and Climate Change, pp-249-254
3	CAYm3 (2017-18)	” Development of Household Bioreactor to Generate Biogas from Kitchen Waste” in National Conference on Technical Revolution (NCTR-2018)
4	CAYm3 (2017-18)	“Development of household Bioreactor to Generate Biogas from Kitchen Waste” at INNOVATION-2017 Regional Research Conference, P.I.C.T Pune on 15th November 2017

Name of the Faculty: Mrs. S. S. Motegaonkar		
Sr. No.	Year	Details
International Journal		
1	CAY (2020-21)	“Implementation of district metering area (DMA) in Zone 11 of water distribution network of Ambikapur Town for effective water management”, International Research Journal of Engineering and Technology
2	CAYm1 (2019-20)	“Pipe Distribution Network: An Advanced and Alternative Technique to Replace, Open Channel for Irrigation, A case study”, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),
3	CAYm2 (2018-19)	“Feasibility study of on-street parking for suitable solution on existing parking issues” in International Journal of Advanced Research, Ideas and Innovation in Technology
4	CAYm3 (2017-18)	“Hydraulic Modeling and Simulation of Water Distribution Network” in International Research Journal of Engineering and Technology
5	CAYm3 (2017-18)	Wastewater Renovation Using Soli Aquifer Treatment (SAT) System: Case Study of Latur District (Marathwada), International Research Journal of Engineering and

		Technology (IRJET)
<b>International Conferences</b>		
1	CAYm3 (2017-18)	Statistical downscaling of GCM output for generating future rainfall scenarios using SDSM for upper Godavari Basin. International conference proceeding Springer publisher, ISBN-978-3-319-53555-5. ISBN-978-3-319-53556-2 (e-book)

<b>Name of the Faculty: Dr. A. K. Gaikwad</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAY (2020-21)	“Optimization of dispatching schedule of ready mixed concrete (RMC) plant for multi-plant and multi-site operation condition: A literature review”, ISSN: 2349-5162, Volume 8, Issue 5/5/2021
2	CAY (2020-21)	“Feasibility study for residential construction project: A case study” in International Research Journal of Engineering and Technology, e-ISSN:2395-0056, Volume:08, Issue 5/5/2021
3	CAY (2020-21)	“Analytical Hierarchy Process (AHP) for Feasibility of Ready-Mix Concrete Plant”, Wutan Huatan Jisuan Jishu, ISSN: 1001-1749, Vol. XVI (VI), pp: 131-146 on June 2020.
4	CAYm1 (2019-20)	“App for Optimizing Number of Trucks for Dispatching Operation of Concrete Plant”, by ‘ESRSA’ in ‘International Journal of Innovative Technology and Exploring Engineering (IJITEE)’, ISSN: 2278-3075 (Scopus), Volume. 8, Issue. 12th October 2019, Page No.:1885-1887.
5	CAYm1 (2019-20)	“Complete Optimizer for Dispatching Schedule of Ready-Mix Concrete Plant”, by ‘ESRSA’ in International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 (Online), Volume. 8, Issue. 8th August 2019. Page No.: 624-630.
6	CAYm1 (2019-20)	“Genetic Algorithm based Optimized Un-Interrupted Dispatching Schedule for Ready Mix Concrete truck with User friendly Interface on Single window (Single Plant Multi-sites)”, in ‘Blue Eyes Intelligence Engineering and Sciences Publication’ which has in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-8 Issue-2nd July 2019. Page No.:

		3276-3281.
7	CAYm1 (2019-20)	“Feasibility Study of Cow Dung Ash as a Disinfectant in Water”, GRD (Global Research and Development Journal for Engineering), ISSN: 2455-5703, Vol. 4, Issue 7, June '2019.
8	CAYm2 (2018-19)	“Optimization of ready-mix concrete dispatching schedule: A literature Review”, International Journal of engineering Development and Research (ISSN: 2321-9939) Volume 7 issue 1 Pages 327-332.
9	CAYm2 (2018-19)	“Development of Low- Cost <i>Water</i> heater Using cow dung” in Pramana Research Journal, Volume 09, Issue 05, May 2019. ISSN 2249-2976, pp: 1246-1246. (UGC / IF 6.2)
10	CAYm2 (2018-19)	“Optimization of number of trucks for dispatching schedule operation in ready mixed concrete plant using MATLAB App” in Journal of Emerging Trends Technologies and Innovative Research, January 2019, Volume 6, Issue 1
<b>National Conference</b>		
1	CAYm3 (2017-18)	Optimization of Ready-mix Concrete (RMS) truck dispatching schedule” in Regional Research Conference INNOVATION-2017 at Pune Institute of Computer Technology, Pune on 15th November 2017

<b>Name of the Faculty: Mrs. J. N. Changade</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAYm3 (2017-18)	“Experimental Study on Effect of Incorporation of Polypropylene Fiber in Porous Bituminous Mix” in International Research Journal of Engineering and Technology.

<b>Name of the Faculty: Mr. R. S. Chaudhari</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAY (2020-21)	‘An Analytical Approach by Researchers to Find Factors Affecting Labour Productivity in the Construction industry-A Review’ at IJETIR April 2020, Volume 7, Issue 4 www.jetir.org (ISSN-2349-5162), Pg 1-6

2	CAYm1 (2019-20)	'Experiment on Reuse of Effluent in Casting and Curing of Concrete' at International Journal of Engineering and Advanced Technology (IJEAT) ISSN:2249-8958, Volume -9 Issue-4, April 2020
3	CAYm1 (2019-20)	"Effect of Escalation on Construction Projects", in Journal of Emerging Technologies and Innovation Research (JETIR), Volume 6, Issue 6, pp. 133-138. (ISSN-2349-5162).
4	CAYm3 (2017-18)	"An Approach Towards Development of Sustainable Concrete paving Block Using Construction and Demolition Waste" in IOSR Journal for Mechanical and Civil Engineering
5	CAYm3 (2017-18)	"Use of Construction and Demolition Waste as Partial Replacement of Fine Aggregate for Development of Paving Block" in Journal of Advances and Scholarly Researches in Allied Education
<b>International Conference</b>		
1	CAY (2020-21)	Analysis of Construction labour Productivity for Indian States at International Conference on "Advanced Technologies for Societal Applications – Techno Societal 2020", held at SVERI's College of Engineering, Pandharpur (M.S.), India during 11-12 December, 2020.

<b>Name of the Faculty: Mr. S. B. Gorade</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAYm1 (2019-20)	Performance Study of Waste Plastic and Industrial Waste Based Polymer Concrete, Pramana Research Journal, Volume 09 , Issue 05, 2019.
2	CAYm1 (2019-20)	Bituminous Paving Block-A Solution to Plastic and Demolished Concrete Waste Management, Pramana Research Journal, Volume 09 , Issue 05, 2019.
3	CAYm3 (2017-18)	A Review Paper on Bacterial Concrete, International Journal of Innovative and Emerging Research in Engineering, Volume No. 5 , Issue -5, 2018
<b>National Journal</b>		
1	CAYm3 (2017-18)	Study of Cement Mortar by Fully Replacement of River Sand with Crush Sand and Copper Slag in Vishwakarma Journal of Engineering Research ISSN: 2456-8465,

		Volume 1, Issue 2, June 2017, page no-170-174
<b>International Conference</b>		
1	CAY (2020-21)	Analysis of Construction labour Productivity for Indian States at International Conference on “Advanced Technologies for Societal Applications – Techno Societal 2020”, held at SVERI’s College of Engineering, Pandharpur (M.S.), India during 11-12 December, 2020.

<b>Name of the Faculty: Mrs. K. D. Dhapekar</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAY (2020-21)	‘Analysis of RCC Building subjected to Surface Blast Loading’ at International Research Journal of Engineering and Technology (IRJET), Volume :07 Issue: 06th June, 2020, e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529
2	CAYm3 (2017-18)	“Influence of Thread Types and Materials and Strength of mechanical Rebar Coupler” in International Journal of Interdisciplinary Research (IJIR).

<b>Name of the Faculty: Mrs. P. V. Kalokhe</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAYm1 (2019-20)	Study of Partial Replacement of Cement by Fly Ash and Coarse Aggregate by Coconut Shell. International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 7 Issue VI, June 2019
2	CAYm3 (2017-18)	“Influence of Thread Types and Materials and Strength of mechanical Rebar Coupler” in International Journal of Interdisciplinary Research (IJIR).

<b>Name of the Faculty: Mr. T. S. Khambekar</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAYm2	Enhancement of Rate of Biodegradation of Organic Matter in Anaerobic Digestion,

	(2018-19)	International Journal for Research in Applied Science & Engineering Technology, Volume 07, Issue V, May 2019.
2	CAYm2 (2018-19)	Treatment of Wastewater from the Car Service Center and Washing Facility, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Volume 16, Issue 3 Ser. II (May. - June. 2019), PP 13-16
3	CAYm3 (2017-18)	“Improvement of the Calorific Value of Municipal Solid Waste by Adding Additive Materials for Incineration Process” in IOSR Journal of Mechanical and Civil Engineering
4	CAYm3 (2017-18)	Hybrid Approach in Anaerobic Bioreactor Landfill to Decrease the Time Required for Stabilization. International Journal of Research in Engineering, Science and Technologies (IJRESTs) Civil Engineering, Vol. 3, No. 3, May 2017, pp.21-24. ISSN 2395-6453.
<b>International Conference</b>		
1	CAY (2020-21)	‘Estimation of Methane generation potential from Municipal Solid Waste by using Bromatological Characteristics for Pimpri Chinchwad City’ at International Conference on “Advanced Technologies for Societal Applications – Techno Societal 2020”, held at SVERI’s College of Engineering, Pandharpur (M.S.), India during 11-12 December, 2020.
<b>National Conference</b>		
1	CAYm1 (2019-20)	Hybrid Bioreactor Landfill: A Novel Approach for Enhancement of Rate of Degradation in Anaerobic Bioreactor Landfill, in Proceedings of Geoenvironment-2020, International Seminar on Contaminated sites and Conference on Geo environment & Sustainability, 17th to 19th February 2020 organized by Geotechnical and Geoenvironment Group, Civil Engineering Department, sponsored by Ministry of Environment, Forest and Climate Change, pp-249-254.

<b>Name of the Faculty: Mrs. N. S. Sane</b>		
<b>Sr. No.</b>	<b>Year</b>	<b>Details</b>
<b>International Journal</b>		
1	CAYm3	“Check for Effect of Number and Height of Steps with Different Flow Condition on



	(2017-18)	Energy Dissipation for Stepped Spillway” in International Research Journal of Engineering and Technology.
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Name of the Faculty: Mr. S. P. Banne		
Sr. No.	Year	Details
<b>International Journal</b>		
1	CAY (2020-21)	" Influence of wall friction on active earth pressure in Model test", STM Journals Journal of Geotechnical Engineering, Volume 8, Issue 1, PP 12-19
2	CAYm1 (2019-20)	"Experimental investigation of laterite soil properties using ground granulated blast furnace slag" IJSRD International journal for scientific research and development, Volume 8 Issue 7, PP 754-758.
3	CAYm2 (2018-19)	“Effect of Gradation on Active Earth Pressure of Cohesionless Soil behind Retaining Wall”, IOSR Journal of Mechanical and Civil Engineering, Volume16, Issue3, PP 08-20.
4	CAYm2 (2018-19)	“Effect of Xanthan Gum on Shear Strength Parameters of Laterite Soil in Konkan Region” IOSR Journal of Mechanical and Civil Engineering, Volume16, Issue3, PP 24-29.
5	CAYm3 (2017-18)	“An Experimental Study of Clayey Soil with Rice Husk Ash using Triaxial Test” IOSR Journal of Mechanical and Civil Engineering, Volume15, Issue3, PP 45-50.
6	CAYm3 (2017-18)	“Effect of Crusher Dust-Geogrid Composite in Interface Shear Strength” in international journal IOSR Journal of Mechanical and Civil Engineering
<b>International Conference</b>		
1	CAY (2020-21)	‘Experimental study of behavior of under-reamed stone column in black cotton soil’ at the International Conference on “Advanced Technologies for Societal Applications – Techno Societal 2020”, held at SVERI’s College of Engineering, Pandharpur (M.S.), India during 11-12 December, 2020.
2	CAY (2020-21)	“Comparative study of application of Artificial Neural Networks for predicting Engineering Properties of soil: A review” in 4 <sup>th</sup> International Conference on Inventive Material Science and Application (ICMIA-2021) held at Coimbatore,

		India organized by PPG Institute of Technology during 14-15 May, 2021
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Name of the Faculty: Mr. S. D. Kurhade		
Sr. No.	Year	Details
International Journal		
1	CAY (2020-21)	“Use of plastic granules in geopolymer concrete as a partial replacement of fine aggregate” in International Research Journal of Engineering and Technology, Volume 7, Issue: 7/7/2020, e-ISSN: 2395-0056
2	CAYm1 (2019-20)	“Improving route capacity of public bus transport: A case study of Route No. 298 of PMPML”, Parmana Research Journal, Volume 9, Issue: 6, 2019, ISSN NO: 2249-2976

Name of the Faculty: Dr. D. S. Lal		
Sr. No.	Year	Details
International Journal		
1	CAY (2020-21)	‘A Review on effect of saline water and fresh water on concrete’, in Wutan Huatan Jisuan Jishu International Journal, Volume 15, Issue 6, June 2020, Pages 433-442, ISSN- 1001-1749)
2	CAY (2020-21)	‘Increase Service Life of RCC Structure Located Near Chloride Environment by Control on Corrosion: A Review’, in Wutan Huatan Jisuan Jishu International Journal, Volume 15, Issue 6, June 2020, Pages 443-451, ISSN- 1001-1749)

Name of the Faculty: Mr. S. P. Gaikwad		
Sr. No.	Year	Details
National Conference		
1	CAYm2 (2018-19)	Ashish Methekar, Pankaj More, Kasturi Kesarkar, Shantanu Karhadkar, Siddharth Gaikwad, Monali Nerkar, “Performance Enhancement of An Un-Signalized Intersection Under Heterogeneous Traffic Conditions Using Microscopic Simulation: A Case Study of Bhumkar Chowk Intersection”. 3 <sup>rd</sup> National Conference on Recent Advances in Traffic Engineering (RATE), SVNIT Surat,

		11 <sup>th</sup> and 12 <sup>th</sup> August 2018.
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