

DEPARTMENT OF CIVIL ENGINEERING
A.Y. 2019-20
BE Civil Project Details

Sr. No.	Name of Guide	Title of Project	No. of Students
01	Dr. V.K. Patki	Grey water treatment using constructed wetland	08
		Crude oil Generation from waste plastic by Pyrolysis Process	08
02	Dr. S.S. Jahagirdar	Design & Development of Composter for temple waste	08
		Design & development of Composter for kitchen waste	08
03	Dr. S.B. More	Design of Universal Permeameter to measure permeability of soil	09
		Improvement of Bearing Capacity of Soil By Using Tire Waste	08
04	Prof. P.A. Sangave	Seismic Performance of Structural RC Frame	08
05	Prof. S.R. Nirantar	Stabilization of Multostory Building by using Fluid Damper	08
06	Prof. D.S. Pawar	Concrete Mix Design by Using Industrial Waste Water from MIDC Solapur	06
		Spatial Analysis and Visualization through 3D GIS Model	08
07	Prof. G.J. Kulkarni	Light weight bricks using fly ash & foaming agent	08
08	Prof. A.U. Phadnis	Analysis & Design of Public Building by different slab systems.	08
09	Prof. S.M. Kale	Design and Development of Cement Less High Strength Concrete	08
		High Strength Geopolymer Concrete Panels	08
10	Prof. A.Y. Kankuntla	Analysis of Multistoreyed Buildings with Steel Plate Shear wall	08
11	Prof. R.G. Maske	Comparing the Strength as Blocks made from Cement and Lateritic soil Cement	07
12	Prof. S.R. Kulkarni	Design and Development of Hydroponic farming optimized structure	08
		Manufacturing of Paver Block Using Plastic Waste	08
13	Prof. V.A. Salimath	Stabilization of Black cotton soil using Plastic Granules as A Subgrade Material	08
14	Prof. F.K. Maniyar	Experimental Study on Strength of Concrete by Partially Replacing of Cement With Hypo Sludge	08
15	Prof. D.N. Rajgiri	Planning scheduling & Resource optimization of commercial building by using MS Project	07

NAGESH KARAJAGI ORCHID COLLEGE OF ENGG. & TECH., SOLAPUR

Department of Civil Engineering.

Academic Year: - 2018-19

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Sr. No.	Name of Guide	Project Title	No. of students
01	Dr. Patki V.K.	Physico Chemical treatment of Grey Water Using Ferric chloride ($FeCl_3$) as a Coagulant	07
02	Dr. Patki V.K.	The use of Polyauminum chloride (PAC) for Greaywater Treatment	09
03	Dr. Jahagirdar S.S.	Evaluation of Water Quality Index for Hipparaga Lake	07
04	Dr. Jahagirdar S.S.	Grey Water Management for a Mosque	09
05	Prof. More S.B.	Structural Analysis of High rise Structures	07
06	Prof. More S.B.	Rejuvenation of Hatti Lake of Akkalkot	09
07	Prof. Pawar D.S.	Progressive Collapse Analysis of R.C.C. Frames for Seismic Loading	06
08	Prof. Pawar D.S.	Analysis of R.C.C. Frames for Effect of floating Column	08
09	Prof. Pawar D.S.	Retrofitting of Multistorey Building with Bracing system	07
10	Prof. Kulkarni G.J.	Comparative Study on Performance of Various Types of Sand as concrete ingredient	08
11	Prof. Kulkarni G.J.	Use of Fly Ash and Foaming agent in Manufacturing of Light Weight Bricks	07

Sr. No.	Name of Guide	Project Title	No. of students
12	Prof. Kulkarni G.J.	Comparative Study on Performance of Various Types of sand as mortar gradient	08
13	Prof. Maske R.G.	Comparative Study of Different Composting Methods	09
14	Prof. Kulkarni S.R.	Theft Resistant Fiber Reinforced Sturdy Bricks	08
15	Prof. Kulkarni S.R.	Green Waft Island from Polyethylene Based Concrete	09
16	Prof. B.A. Babar	Roller Computed Concrete for Dam Construction	09
17	Prof. B.A. Babar	Water shed Development Jalyukta Shivar-Yojana Village Shirpanhalli	07

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DEPARTMENT OF CIVIL ENGINEERING
Academic Year: 2017 – 18
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Sr. No.	Name of Faculty	Project Title	No. of Students
01	Dr. V.K. Patki	Gray water treatment	08
02	Dr. S.S. Jahagirdar	Eutrophication of Sambhaji Lake	09
		Kitchen waste composting	07
03	Prof. S.B. More	Soil Reinforcement	08
		Modeling of Soil Props	08
04	Prof. P.A. Sangave	Analysis and Design of Bridges and Buildings	09
06	Prof. G. J. Kulkarni	Comparative study on types of cement	08
		Study of corrosion control material comparative	07
07	Prof. A.Y. Kankuntla	Design of an Industrial Structure	07
08	Prof. Prof. D.S. Pawar	Floating Concrete	08
09	Prof. A.U. Phadnis	Analysis and Design of water tank by LSM	08
10	Prof. R.G. Maske	Translucent concrete	08
		Renovation of solapur Bus Stand	07
11	Prof. D. N. Rajgiri	Scheduling of Residential (G+2) building	07

		Cost Controlling of Construction project by MSP Software	07
12	Prof. S.R. Kulakarni	Zerox Energy Building	08
13	Prof. S.M. Kale	Lightweight Fero. Concrete Panles	08
		G+5 Building Planning to Design	07