
 USMP <small>SAN MARTÍN DE PORRES</small> <small>FACULTAD DE INGENIERÍA Y ARQUITECTURA</small>	SCHOOL OF ENGINEERING AND ARCHITECTURE	Year: 2018
	PROFESSIONAL SCHOOL OF CIVIL ENGINEERING	Semester: 2018-II

List of Final Project of Civil Engineering I

CIVIL ENGINEERING

	last name and names of the student	Title of the project	Description	Surnames and names of the adviser
1	Eguizabal pool, sergio edward Martinez Huaita, Gerson Giovani	Reinforced Concrete with Metallic Covers	Determine the influence of the incorporation of metallic covers in the properties of a concrete designed for a $f'c= 201 \text{ Kg/cm}^2$	Oblitas Santa Maria, Juan Manuel
2	Estelo Gamarra, Rony Omar Uribe Pineda, Bryam Joshua	Design of a housing project with system Muroplac construction under the own roof program and the quality of life of the families affected in the areas of La Unión (Arequipa)	Design a housing project with the Muroplac construction system, under the own roof program, which benefits the quality of life of affected families in the areas of the Union.	Oblitas Santa Maria, Juan Manuel
3	Rodriguez Gonzales, Elmer eric saul	Design of the Rímac river prevention station to guarantee the supply of quality drinking water in Metropolitan Lima.	Evaluate the incidence of the design of the Rímac River prevention station, to guarantee the supply of quality Drinking Water for Metropolitan Lima.	Oblitas Santa Maria, Juan Manuel
4	Ramos Salzar, Jean Pierre	Analysis of the mechanical properties of the concrete using concrete recycling as coarse aggregate.	Determine the influence in the mechanical properties of concrete using recycled concrete as coarse aggregate.	Oblitas Santa Maria, Juan Manuel
5	Coricaza Inoñan, freddy arturo	Comparative analysis between the thermofusion system (polypropylene pipes) and the conventional system (pvc pipes) in the distribution networks and domestic drinking water installations case: Cajamarquilla scheme project, cerro camote - district of Lurigancho and San Antonio de Huarochiri	Determine the feasibility of the comparative analysis between the thermofusion system and the conventional system for efficient use in distribution networks and in domestic drinking water installations, case of the Cajamarquilla scheme.	Oblitas Santa Maria, Juan Manuel
6	Pacheco Pillars, Axel Hesed	Impact evaluation environment in the construction process routing and declogging generated by the coastal child in the river Rimac, central road km 24.5	Determine how the application of a mitigation plan will affect the negative environmental impacts generated in the construction process of channeling and clearing the Rímac River, Carretera Central Km 24.5.	Oblitas Santa Maria, Juan Manuel
7	Coripuna Osorio, Carlos hinostroza Escalante, miracles	Design of a staggered type hydraulic energy dissipator to reduce the impact caused by the activation of the ravine of the human settlement "Cerro	Design a staggered type hydraulic energy dissipator of Reinforced Concrete and Cyclopean Concrete to be used as a defense against the activation of the ravine of the Cerro Vecino Huascata Human Settlement in Chaclacayo.	Oblitas Santa Maria, Juan Manuel

Elaboration: Eng. Jhony Marín Vásquez	Revision: Ing. Rubén Cuadros Ricra	Approval: Ing. Rubén Cuadros Ricra
December 2018	January 2019	January 2019

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		neighbor Huascata” in the district of Chaclacayo.		
8	Mamani Panduro, christian jonathan	Vulnerability in the district of Carabaylo against a possible overflow of the screaming river due to the effects of the phenomenon of the coastal child”	Determine the vulnerability in the Carabaylo district in the face of a possible overflow of the Chillón river due to the effects of the coastal El Niño phenomenon.	Oblitas Santa Maria, Juan Manuel
9	Rea Mallqui, Christian Xavier	Determine the influence of the partial substitution of asphalt by recycled plastic on the mechanical properties of the conventional asphalt mix.	Determine the influence of the partial substitution of asphalt by recycled plastic on the mechanical properties of the conventional asphalt mix.	Oblitas Santa Maria, Juan Manuel
10	Lazaro Honisman Henry valenzuela Huaynillo, Nadia	improvement of productivity applying the lean construction philosophy	The main objective of this work is to determine the progress of productivity by applying the Lean Construction philosophy, which has been developing in different companies in Peru, because it improves undoubtedly the performance or progress of work	Oblitas Santa Maria, Juan Manuel
eleven	Meza belly, Yostin Franschesco Hernandez Riva, Brian Alcibiades	Influence of graphene on the mechanical properties of concrete	Determine the influence of graphene with the mechanical properties of concrete. Through laboratory tests.	Oblitas Santa Maria, Juan Manuel
12	Diaz Igreda, Joel Eduardo Munoz Fernandez, Manuel	Reinforcement of reinforced concrete, with recycled plastic fibers in the city of Metropolitan Lima	To know the influence of the use of recycled plastic strips in concrete, in its mechanical properties in the city of Metropolitan Lima.	Oblitas Santa Maria, Juan Manuel
13	Ortiz Quispe, Dane Fransis	analysis of the flexural behavior of cabuya fiber reinforced beams	Determine the behavior of a beam reinforced with cabuya fibers.	Oblitas Santa Maria, Juan Manuel
14	Egoavil Cotrina, Josue	The improvement of the performance of the concrete properties to face aggressive environments of the Peruvian coast due to a new concrete made from Biomass ashes.	Prepare a concrete based on biomass ash from the Huaycoloro biomass plant with the purpose of evaluating its properties in the hardened state through laboratory tests.	Valencia Gutierrez, Andrew
fifteen	Lachos Lazarus, Archimedes Manuel Hernando	analysis of the mechanical behavior of concrete steel fiber reinforced with biaxial design	Apply a steel fiber with biaxial design, in fiber-reinforced concrete, in order to improve the mechanical properties of concrete through laboratory tests.	Valencia Gutierrez, Andrew
16	Reyes Road, Sofia Solange	Design of the expansion of the center's drinking water supply system Cuculí village Villa Pampilla for a better quality of life	Design the expansion of the drinking water supply system in the Cuculí Villa Pampilla populated center in order to improve the quality of life through the use of Watercad software that will facilitate the entire process.	Valencia Gutierrez, Andrew
17	Spinel Sangama, Francesca fernanda	Evaluation of the mechanical properties of concrete mix with the addition of different percentages of coconut tow fiber”	Design concrete mix with coconut tow fiber in order to study the variation of its mechanical properties through laboratory tests.	Valencia Gutierrez, Andrew

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