
 <b>USMP</b> <small>FACULTAD DE INGENIERÍA Y ARQUITECTURA</small>	SCHOOL OF ENGINEERING AND ARCHITECTURE	Year: 2021
	PROFESSIONAL SCHOOL OF CIVIL ENGINEERING	Semester: 2021-I

# 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	agramonte Diego Palaces Arming	Implementation of lean tools construction to improve productivity in the project "improvement of the Pasco – La Quinoa highway" in Cerro de Pasco – 2021	Apply the Lean Construction philosophy to improve the low productivity in the "Improvement of the Pasco Quinoa highway" project due to delays due to route changes and the discovery of archaeological remains.	Oblitas Santa Maria, Juan Manuel
2	Colonia Baca, constantine Conrad  Smell Sanchez, Diego Alonso	Evaluation by the Benedetti and Petrini method to determine seismic vulnerability in homes informal in the AH Laderas de Chillón - in the district of Puente Piedra - Lima	Due to the existence of a greater number of informal dwellings built in the AH Laderas de Chillón, currently fully inhabited, it leads to an assessment of both seismic and housing vulnerability to determine the level in that sector.	Oblitas Santa Maria, Juan Manuel
3	Reyes Rioja Briham	Evaluation by the Italian method to determine the seismic vulnerability in state schools in the city of Jaén- Cajamarca thesis	Apply the evaluation with the Italian Method to determine the Seismic Vulnerability of state schools in the city of Jaén, Cajamarca.	Oblitas Santa Maria, Juan Manuel
4	Apaza Coaquira Jose Javier	Reduction of costs and dimensions of footings due to the implementation of superelevation beams in the design of slabs	Determine the percentage reduction in foundation costs due to the implementation of superelevation beams in the slab design	Oblitas Santa Maria, Juan Manuel
5	Balvoa Reynoso Jorge Luis	Comparative cost analysis of a single-family home using the emmedue construction system and the masonry system confined in the Province of Cañete, 2021.	Compare the costs in the construction of a single-family home, using the Emmedue construction processes and that of confined masonry in the province of Cañete, 2021.	Oblitas Santa Maria, Juan Manuel
6	Berrios Carranza, Jhael Jhamir Fernandez Zegarra, Ricardo Stanislaus	Design of a WWTP for the treatment of wastewater from the Espinal hamlet, Catache district, Santa Cruz province, Cajamarca department	Prepare the design of a WWTP, to contribute to the treatment of wastewater from the Espinal hamlet, Catache district, Santa Cruz province, Cajamarca department.	Oblitas Santa Maria, Juan Manuel
7	Espinoza Davila, Ana Maria Fiorella Maxe Llempen, Khorkina Nikole	Design of a pavement with concrete pavers to improve road traffic on Avenida Las Palm trees, Pimentel district - Lambayeque	Prepare the design of a pavement with concrete pavers to improve road traffic on Las Palmeras avenue, Pimentel district - Lambayeque.	Oblitas Santa Maria, Juan Manuel
8	gora espinoza Dayvi Brayan Galvez Benites	The influence of polyester macrofibers on the properties of concrete	Develop the design of a pavement with concrete pavers to improve road traffic on Las Las	Oblitas Santa Maria, Juan Manuel

<b>Elaboration:</b> Ing. Jhony Marín Vásquez September 2021	<b>Revision:</b> Mr. Arnaldo Falcón Soto October 2021	<b>Approval:</b> Mr. Arnaldo Falcón Soto October 2021
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	Lady Light	in $f_c$ 210 kg/cm <sup>2</sup> for pavements	Palms, district of Pimentel – Lambayeque.	
9	Huicho Arones Yesenia Sanchez Chavez kevin victor hugo	Proposal for the design of thermal houses with fiberglass wool to improve the environments of homes in the rural center of Mazocruz – Puno – Peru	Propose a design of thermal houses with fiberglass wool to improve the environments of homes in the rural center of Mazocruz – Puno – Peru	Oblitas Santa Maria, Juan Manuel
10	Zeballos Gomez, Junior Maccelo	Influence of polypropylene fiber on the mechanical properties of concrete $f_c=210\text{kg/cm}^2$ in solid slabs	Determine the influence of polypropylene fiber on the mechanical properties of concrete $f_c=210\text{kg/cm}^2$ in solid slabs.	Oblitas Santa Maria, Juan Manuel
eleven	zuñiga ramos Vanessa Grisell	Influence of remote inspection on the valuation of apartments in multi-family buildings in the District of Los Olivos – Lima	Determine the influence of remote inspection in the valuation of departments in buildings multifamily in the district of Los Olivos – Lime.	Oblitas Santa Maria, Juan Manuel
12	Jimena Pierina aguero perez	Flexible pavement design proposal to improve vehicular traffic from the Huaca Blanca neighborhood road, Province of Lambayeque to the populated center of La Ramada, Province of Chota	Determine the influence of the flexible pavement design proposal on vehicular traffic from the Huaca Blanca neighborhood road, Lambayeque province to the La Ramada populated center, Chota province.	Oblitas Santa Maria, Juan Manuel
13	Alvarado Gonzales, daniel edward  Andrade Flores, Carlos Enrique	Comparative analysis of technical benefits and economics of steel framing and emmedue construction systems for housing multifamily	Carry out the comparative analysis between the Steel Framing System and the Emmedue System to determine which is the option that presents the best technical and economic benefits for the construction of a multi-family home.	Oblitas Santa Maria, Juan Manuel
14	Baltazar Melgarejo, Martin Ulysses	Application of the BRIM (bridge information modeling) methodology as a planning tool for the construction of the bypass bridge. Road Mazamari–Pangoa–Cubantía.	Application of the BRIM methodology in the construction of a bridge in order to improve the control and planning of the construction process, providing a better metering and budgeting, thus canceling possible additional	Oblitas Santa Maria, Juan Manuel
fifteen	moon porta david Jason	Stabilization of clayey soil with ashes plants of the access road to the town center Betania – Moyobamba – Moyobamba	To evaluate the influence of the addition of vegetable ash on the properties of the clayey soil of the access road to the Betania population center, in the Moyobamba province of the San Martín region.	Oblitas Santa Maria, Juan Manuel
16	Marquez Huaman, Nilton Eloy	Structural design of a reinforced concrete hotel with base elastomeric seismic isolation in the city of Chiclayo	Structurally design a reinforced concrete hotel with base elastomeric seismic isolation in the city of Chiclayo.	Oblitas Santa Maria, Juan Manuel
17	Edison Raul orcoapaza bedregal	Study of the application of recycled plastic in the design of a vehicular bridge for rural roads	Devise a bridge superstructure design that contains a percentage of recycled plastic within its composition and that is just as viable, in structural terms, as a bridge made of conventional material	Oblitas Santa Maria, Juan Manuel

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			traditional.	
18	Quispe Romero Antony	seismic vulnerability of houses confined masonry of the human settlement planet in cercado de Lima through the evaluation by the Italian method	Apply the evaluation by the Italian method to AA confined masonry dwellings. H H. The Planet of the Cercado de Lima to determine the seismic vulnerability.	Oblitas Santa Maria, Juan Manuel

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September 2021	October 2021	October 2021