

**OKSEF 2019  
CHEMISTRY AWARDS**

**FIRST PLACE IN CHEMISTRY CATEGORY**

PROJECT NO	PROJECT	STUDENTS	SUPERVISOR
ICH-11	Application of Laser-Induced Breakdown Spectroscopy for Estimating Hardness of Alloys: A Novel Approach with TEA CO <sub>2</sub> Laser	Filip Koldžić	Katarina Lazović
ICH-8	Study on the Asymmetric 1,6-addition Reaction of para-Quinone Methides Catalyzed by Organophosphine and Acrylate	Yifei Ge	Feng Yang
ICH-10	Utilization of disposed polymers with bitumen as a beneficial asphalt binder	Abray Bakyyev, Ysmayyl Berdiyev	Atamyrat Shahanov

**SECOND PLACE IN CHEMISTRY CATEGORY**

PROJECT NO	PROJECT	STUDENTS	SUPERVISOR
ICH-1	Coating paint based on vegetable pigment of Phoradendrum rubum	Maria Fernanda Cruz Villasanti	Nilza Gonzalez De Pereira
ICH-9	The utilization of banana leaf sheath waste as basic material for making toilet paper	Aradea Abimanyu, Lara khadizah Al-Kubra, Sitti Rahma Abdul Rahim	Deni irawan
ICH-6	Ideal nutritional supplement for vegans and vegetarians	Ariana Torres, María Paula Arellano	Víctor Hugo Hidalgo

**THIRD PLACE IN CHEMISTRY CATEGORY**

PROJECT NO	PROJECT	STUDENTS	SUPERVISOR
ICH-5	Healthy FANS (Fish scale As a Natural additive Substance)	Almira Salsabila Ghassani, Salma Anindya, Humayra Sonia Mustagfirin	Abdurrahman, S.Pd.
ICH-4	Evaluation of The Behavior Of TiO <sub>2</sub> Nanoparticles In Paints As An Anti-Corrosive Agent	Daniela Rojas Gelvez	Heidy Stephanie Mahecha Antolinez
ICH-2	Cut crop	Abba Otieno, Rafi Mammadov	Lamiya Masmaliyeva
ICH-3	Electrolytic water purifier by silver ionization supported with solar energy.	Juan Pablo Puerto Reyes	Heidy Stephanie Mahecha Antolinez