



جامعة برج العرب التكنولوجية

BORG AL ARAB TECHNOLOGICAL UNIVERSITY

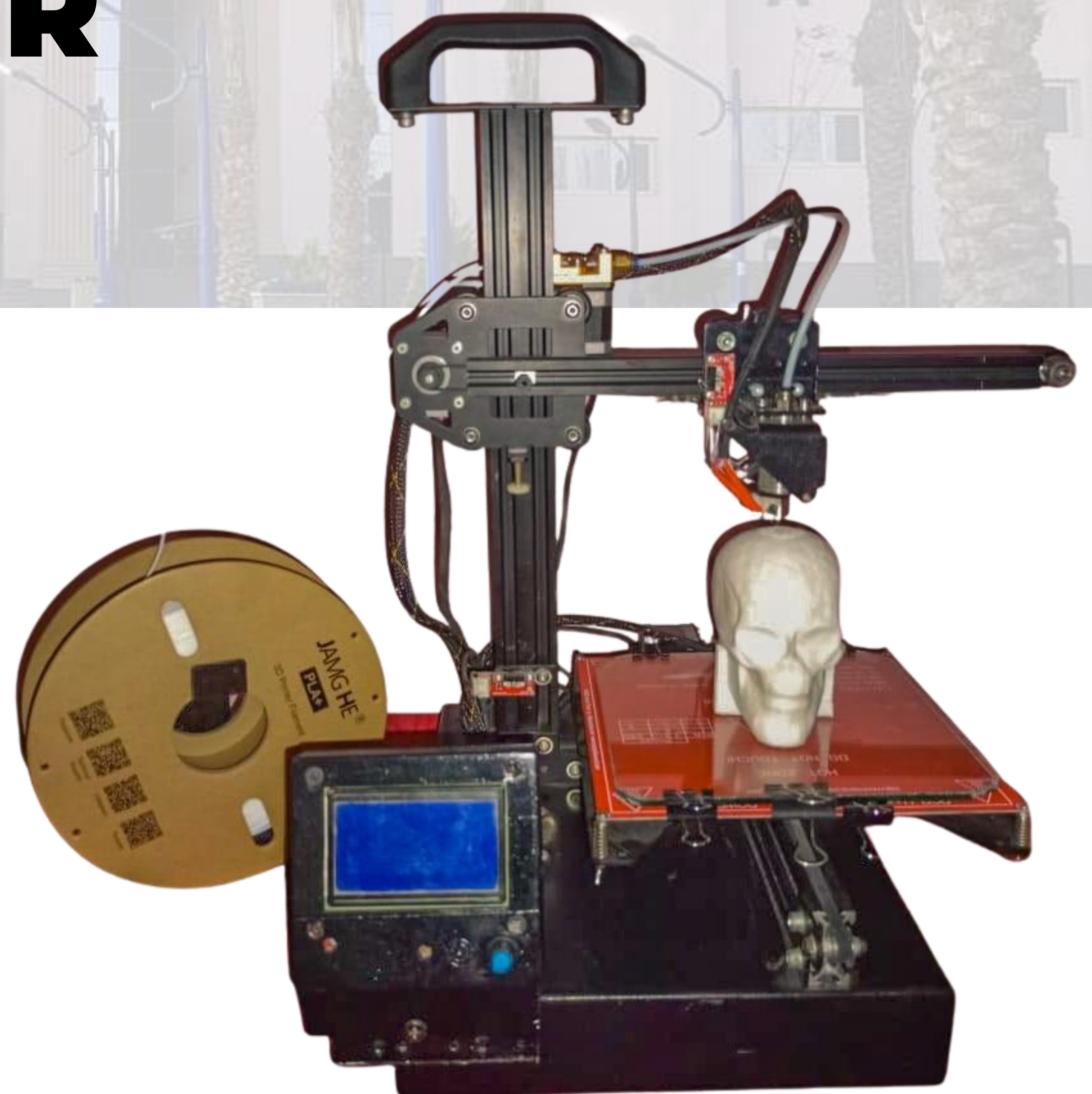


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3D PRINTER & FILAMENT MAKER

DESCRIPTION

A 3D printer is a modern device that turns 3D designs into reality. Its figures are characterized by regular, smooth, and high-resolution textures. Patterns are made using filament layer by layer. In addition to device that converts plastic into filament threads, which are the raw material.



COMPONENTS



Arduino Mega



Hot End



RAMPS 1.4



Stepper Motor



Heat Bed

TEAM MEMBERS

- | | | |
|-----------------------------|----------------------|-------------------|
| 1 Yousef Gaber Diab | 6 Mahmoud Diaa | 11 Aya Megahed |
| 2 Mohamed Elaraby | 7 Mohamed Shawqy | 12 Wissam Saad |
| 3 Mohamed Hussien Fawzy | 8 Mohamed Elzayat | 13 Shams Rageb |
| 4 Mohamed Gaber Elbassiouni | 9 Mariam Mohamed Ali | 14 Rahma Khaled |
| 5 Mostafa Elmasry | 10 Saga Hamed | 15 Salma Sherif |
| | | 16 Habiba Mohamed |

SUPERVISION

- 1 Assoc. Prof. Osama Elnahas
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