

CERTIFICATE
OF PAPER PRESENTATION
Presented to
Farahat Nazim Pinar
for participation in the 1st All Research Competition for students
of the American University in the Arab World
on March 27th 2021



Conclusions

- Our research is addressing waste minimization and renewable energy generation.
- Designed and commissioned the first UAE company to produce bioethanol for a variety of biomass feedstocks.



THE GRAND PRIZE AED 5,000



3rd AUE Student Research Competition

More than 90 TEAMS



25-26th

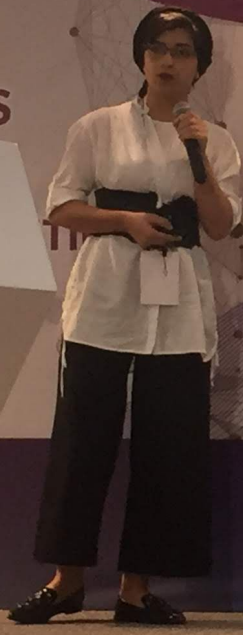
NOTHING IS IMPOSSIBLE IS THE PATHWAY TO SUCCESS



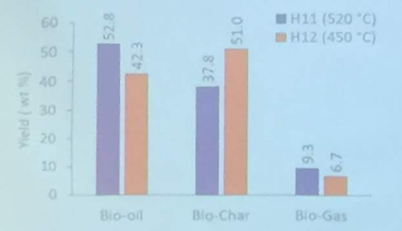
الجامعة الأمريكية في الإمارات
American University in the Emirates



More than
90 TEAMS



Effect of temperature on the product yield



Pyrolysis products from Hospital food waste

- ❖ It is of interest to correlate the product yield with the operating conditions.
- ❖ Pyrolysis at a higher temperature of 520°C produced higher bio-oil and gas yield but lower bio-char.





NOTHING IS IMPOSSIBLE
IS THE PATHWAY TO SUCCESS

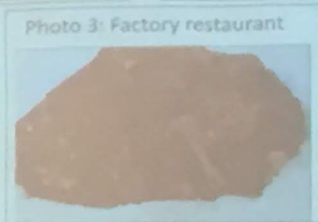
rd AUE
tudent
Research
Comp
-26th, N

More than
90 TEAMS

الجامعة الأمريكية في الإمارات
American University in the Emirates



Food waste collected from



NOTHING IS POSSIBLE
IS THE PATH TO SUCCESS

What is biomass pyrolysis

