



AASTMT GRANTS & SCIENTIFIC COOPERATIVE NEWSLETTER

The College
of Engineering
and Technology

01

NEW ANNOUNCEMENTS

02

UNDERGRADUATE
RESEARCH FORUM

03

POSTGRADUATE
-Funds
-Scholarships
-Internships

04

AAST RECENT NEWS

05

NEW RESEARCH TOPICS &
NEWS



Arab Academy
for Science, Technology & Maritime Transport



Celebrating **EARTH DAY**

April 22, 2021

“Earth Day should encourage us to reflect on what we are doing to make our planet a more sustainable and livable place”

Scott Peters

-Earth Day came at a period when the environmental movement faced a major challenge: overcoming the scepticism of climate change deniers, well-funded oil lobbyists, reticent lawmakers, a disinterested media, and a fractured environmental community with the unified strength of global environmental activism, much as it did in 1970.

-Earth Day is now widely regarded as the world's largest secular observance, with over a billion people participating each year in a day of action to improve human behaviour and implement global, state, and local policy changes.

As the effects of climate change become more evident every day, the battle for a clean environment is becoming more urgent.



Join The Movement
“Earth Day Every Day ”

NEW ANNOUNCEMENTS

We would like to **CONGRATULATE** our splendid staff members on their achievements

Dr. Adel El Refaee
Basic & Applied Science Department

**Promoted To
Associate Professor**



Eng. Dina Madkor
Computer Engineering Department
Promoted To Lecturer Assistant



Eng. Yehia Gad
Energy Department
Promoted To Lecturer Assistant



Eng. Mohamed Magdi
Construction Department
Promoted To Lecturer Assistant

NEW ANNOUNCEMENTS

We would like to **CONGRATULATE** our distinguished students on their achievements

CONGRATULATIONS TO

Student Mohamed Alaa & Student Marwan Mohamed
Electronic & Communication Engineering Department

**1st Place in the Arab Academy
Annual Sports Day**

Student Marwan Mohamed
Electronic & Communication Engineering Department

**1st Place in the Quintets
football for private universities**



GRANTS & FUNDS

Deadline Dates

14th June 2021



Call for proposals: The Trans-Atlantic Platform Recovery, Renewal and Resilience in a Post-Pandemic World (RRR)



3rd May 2021



Call for expressions of interest: Managing organization (hub) for responsible artificial intelligence in agriculture and food systems in Africa



30th April 2021



INSTITUT
FRANÇAIS

Call for second year of Master 2 degree students Tahtawy Scholarship program in France



CONFERENCES

20-22 June 2021

Integrated Management of Smart Cities



For more Information

13-15 July 2021

The 2021 International Telecommunications



For more Information

AAST RECENT NEWS

Webinars Dates

28th April 2021, 2PM



Youssef Hassan
Utilizing University life for career prgression

29th April 2021, 3PM



Dr. Gihan Sorour
Certified Executive coach
MA Holder in TEFL from Acacia, USA

30th April 2021



Eng. Mai Magdy
C++ Sessions



TRAINING PROGRAMS



GB Academy Automotive Training Courses



1- Engine Mechanical Systems (Mechanical Course)

5 days' workshop, attendees will be able to Completely Overhaul, Assembly and Measurements for Engine, both theoretical & practical)

2- Automotive Transmissions (MT-AT) (Mechanical & Electrical Course)

5 days' workshop, attendees will be able to Completely Overhaul, Assembly, Measurements and Power flow for Manual & Automatic Transmission with Diagnosis for Transmission Control Module TCM with diagnostic tool, both theoretical & practical)

3- Vehicle Management Systems (Electrical Course)

5 days' workshop, attendees will be able to learn Basics of electricity, engine electrical (Battery, Generator & Starter Motor), electrical wiring diagram tracing and Diagnosis for Engine Control Module ECM with diagnostic tool, both theoretical & practical)

4- Communication Area Network & HVAC (Electrical Course)

5 days' workshop, attendees will be able to diagnose for CAN-BUS network for all vehicle controls module with Digital multimeter & Pico-Scope, in addition to heating and air condition system, both theoretical & practical)

5- Suspension, Steering & Wheel Alignment (Chassis Course)

5 days' workshop, attendees will be able to diagnose and repair chassis systems for the vehicle includes suspension, steering, tires and wheel alignment)

6- Brakes, Active & Passive Safety Systems (Mechanical & Electrical)

5 days' workshop, attendees will be able to diagnose and repair hydraulic brakes system, Antilock Brake system ABS, Electronic brakeforce distribution EBD, Electronic stability program ESP, Airbag and seatbelt)



summer Training Programs for more informtaion
scan the QR code



COMPETITIONS



Does your research contribute to realising the United Nations Sustainable Development Goals (SDGs)?

GREEN TALENTS

International Forum for High Potentials in Sustainable Development

United across borders – this is how we will overcome the coronavirus pandemic. It is the same approach that we pursue to address the other major challenges of our time, in particular climate change. We aim to strengthen our societies and economies while meeting our climate goals, preserving the environment, and protecting natural resources. We need to work together at a global level to find sustainable ways to emerge from this crisis and to develop innovative solutions for the challenges of our time. Science and innovation are key drivers for sustainable development.

Every year, the Green Talents Competition of the Federal Ministry of Education and Research brings together outstanding young minds who contribute to a more sustainable future with their work and research. I would like to encourage up-and-coming researchers to take part and play an active role in shaping our future. We invite young people from every continent and every discipline to apply. Share your ideas with us, exchange views and experiences with other committed researchers, and explore the German research landscape. The world needs you now more than ever.



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Anja Karliczek
Member of the German Bundestag | Federal Minister of Education and Research

DO YOU HAVE WHAT IT TAKES?

Are you a promising scientist with innovative ideas and a strong focus on sustainable development?
Does your research have the potential to help make the world a more sustainable place?
Are you ready to collaborate with German experts and contribute to sustainability research in Germany?
We challenge you to convince our high-ranking expert jury and become one of the 25 Green Talents of 2021!

THE JURY



Anne-Kathrin Kuhlemann
Founder & CEO BE Food AG & TopFarmers GmbH



Professor Stefan Schaltegger
Head of the Centre for Sustainability Management (CSM), Leuphana University Lüneburg



Georg Schirmbeck
President of the German Forestry Council



Professor Daniela Thrän
Helmholtz Centre for Environmental Research (UFZ) /
DBFZ Deutsches Biomasseforschungszentrum /
Leipzig University

THIS YEAR'S PARTICIPATING INSTITUTIONS

- German Aerospace Center (DLR)
- German Centre for Integrative Biodiversity Research (iDiv)
- Karlsruhe Institute of Technology (KIT)
- Leuphana University Lüneburg
- RITTEC Umwelttechnik GmbH
- StadtFarm
- Werner & Mertz GmbH

MORE INFORMATION AT WWW.GREENTALENTS.DE
PLEASE SUBMIT YOUR ONLINE APPLICATION BEFORE
2 P.M. CEST ON 19 MAY 2021

APPLY
NOW!

COMPETITIONS



THE AWARD



VIRTUAL SCIENCE FORUM

Gain exclusive access to some of Germany's sustainability hot spots at the **Virtual Science Forum** in October 2021! During this multi-day event, you will receive insights into ground-breaking research and projects, learn about Germany's scientific landscape, and start a conversation with some of the country's leading sustainability researchers and experts.



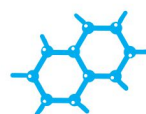
INDIVIDUAL APPOINTMENTS

Green Talents can open doors to Germany's leading scientific community. As part of the Green Talents Virtual Science Forum, you will meet German experts and researchers of your own choice during individual appointments. Meet up for **virtual one-on-one conversations** with prestigious experts, get valuable feedback on your research, and lay the foundation for future networking and collaborations!



RESEARCH STAY IN 2022

Take your research and career to another level during a fully funded **research stay** in Germany in 2022. Spend up to three months at a German institution of your choice. Gain new experiences in an inspiring environment and advance your professional career while establishing long-lasting relationships.



GREEN TALENTS NETWORK

Become part of the unique global Green Talents network consisting of 282 outstanding young minds from 72 countries. Our active **alumni network** covers the full spectrum of sustainability science and will help you exchange ideas with peers and find new project partners.

REQUIREMENTS

- Enrolment in a Master's or PhD programme or a degree (Master's/PhD) completed no more than three years before the end of the application process
- Strong focus on sustainable development and an interdisciplinary approach
- No more than three years of professional work experience (this excludes professional work experiences gained within the scope of an academic degree)
- Proven excellent command of English
- Significantly above-average grades
- Not a German citizen nor a resident of Germany

CONTACT

DLR Project Management Agency (DLR Projektträger)
European and International Cooperation
Email: greentalents@dlr.de

AN INITIATIVE OF

Federal Ministry of Education and Research (BMBF)
Division Systemic Mobility; City of the Future
53175 Bonn, Germany



UNDER THE PATRONAGE OF
ANJA KARLJECZKE MdB
Federal Ministry
of Education
and Research

FONA
Research for sustainability

COMPETITIONS



The 1st Satellites Competition of the Military Technical College



Military Technical College
Astronautics Engineering Department

1st Satellites Competition **(SATC 2021)**



Details, Rules and Format

Student teams are invited to compete and demonstrate the given tasks at the Satellite Competition held at the Military Technical College in

Kobry El-Kobba, Cairo, Egypt, on August 7 - 12, 2021