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Nuclear Education in Sudan, with emphasis on Atomic Energy Council

• Ammar M E HASSAN
• Sudan
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Nuclear education in Sudan was introduced recently after the decision of embarking the nuclear power program which is planned to start in 2022 for the first nuclear power plant.
• Sudan Academy for Sciences; SAS

- SAS was established on 2004
- It only provides postgraduate degrees in different scientific fields
- It belongs to Ministry of Science and Communication
- The Federal Union consists of 12 Research Councils
Atomic Energy Council, AEC-SAS

- AEC-SAS provides postgraduates degrees in Nuclear Sciences
- It is under supervision of Sudan Atomic Energy Commission
- THREE M Sc programs by courses in Nuclear Sciences:
  - Medical Physics
  - Radiation and Environmental Protection
  - Nuclear Science and Technology
- M Sc by research and Ph D are provided in different nuclear fields (Nuclear Physics, Nuclear Chemistry, Radiation Chemistry, Radiation Protection etc)
• Sudan University of Science and Technology

• Honour B Sc in Nuclear Engineering
• M.Sc. in Radiation Therapy Technology
• M.Sc. in Diagnostic Medical Ultrasound Imaging
• M. Sc. in Diagnostic Radiologic Technology
• M.Sc. in Nuclear Medicine Technology
• M.Sc. in Nuclear Medical Physics
• M.Sc. Physics (Solid slate and Nuclear Physics)

• Honour B Sc in Medical Physic; University of El Neleen
• Figure No 1: Number of graduates or students at AEC-SAS
Figure No 2: Number of qualified personnel graduated from AEC-SAS
References:

2. Student guides; Sudan Academy of Sciences; 2005.
3. Taough courses guidelines; Sudan Academy of Sciences; 2008.
5. African master degree in NS & T: harmonized syllabus (as approved by the 18th meeting of AFRA representatives)
6. Report of a task force meeting on a regional postgraduate medical physics syllabus for academic programmes.
7. http://sustech.edu/graduate