REPUBLIQUE DU SÉNÉGAL

Un Peuple - Un But - Une Foi

**MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR
ET DE LA RECHERCHE**

CEA
MITIC

Centre d'Excellence Africain en Mathématiques,
Informatique et TIC

WORLD BANK GROUP
Education

CEA-MITIC

AFRICAN CENTRE OF EXCELLENCE IN MATHEMATICS, COMPUTER SCIENCE & ICT

www.ceamitic.sn

Association of African Universities
Association des universités africaines
رابطة الجامعات الأفريقية

Outline

- CEA-MITIC Objectives

- Number of student and teachers…

- Main activities (Training, Research)

CEA-MITIC : General objective

Change the jobs access dynamics by achieving education and connecting all stakeholders customers and service providers in the fields of mathematics, computer science and ICT.

CEA-MITIC : Specific objectives

❾ Contribute to increase the number and level of Master and PhD curriculums in Mathematics, Computer Science and ICT

- **Challenge :** Train more students and better training quality

❾ Produce innovative technologies locally through research.

Number of students and teachers

- **Number of students** : 235 (Master and PhD)

- **Number of teachers** : 50

- Facilities : new building for MITIC

ICT an Computer science training offer

Master's degree in Computer ingeneering	Master's degree in Embedded and mobile systems
Master's degree in BioInformatic and BioMathematics	Master's in IT methods applied to management and the company
Master's degree Engineering and Electronic communication	Master's defree in Computer ingeneering (e-learning)

Research domains

- Modelling and Simulation, Man Machine interfaces (MMI), DataScience, Machine Learning, Security...

- Wireless sensor networks, IoT, Geolocalisation, Automatic Language processing, Robotic,...

- Image processing, Image Mining, Renewable Energies, Automatic Language processing, Social Informatics...

THANK YOU FOR YOUR ATTENTION

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