

Research development in the Somali Universities: Challenges and remedies

Planning Challenges

- ▶ SWOT analysis
- ▶ University Research Objective
- ▶ key performance indicators
- ▶ Priority setting
- ▶ Proper strategy
- ▶ Monitoring and Evaluation

Legal Challenges

- ▶ University Research Policy
- ▶ Research standing operations
- ▶ Student Research policy and Guidelines
- ▶ Staff promotion policy
- ▶ Research funds policy
- ▶ Awareness and Implementation

Management Challenges

- ▶ Management commitment
- ▶ Research management structure
- ▶ Institutional emphasis on teaching
- ▶ Administrators Perception on Research and publications

Financial Challenges

- ▶ Research budget allocation
- ▶ Donor driven funds
- ▶ Lack of Financial encouragement for researchers
- ▶ No Government funds for research

Human Resource Challenges

- ▶ Not hiring active research members
- ▶ High faculty teaching load
- ▶ Part time teaching staff
- ▶ Shortage of professional researchers
- ▶ Faculty motivation and targets for research publication
- ▶ Little inclusion of research productivity in criteria for tenure and promotion

Curriculum Challenges

- ▶ Not adopting a curriculum model focusing on research
- ▶ the cultivation of career-relevant research skills is missing
- ▶ Little involvement of Faculty & Students in Research and Publications :
- ▶ University environment is not encouraging research

Supporting Facilities Challenges

- ▶ Internet connectivity,
- ▶ library facilities,
- ▶ Research infrastructure
- ▶ Publication journals
- ▶ Online facilities
- ▶ others

Partnerships and collaboration Challenges

- ▶ Shortage of External partners and collaboration
- ▶ Research does not meet national economic and employment needs
- ▶ No partnerships with local businesses

Remedies

- ▶ **Commitment & Hard work with proper Strategy**
- ▶ Institutional research productivity can be increased by increasing the research publications of both faculty members and the students. The following strategies can be used in higher education institutions to increase the research productivity :

Cont

- ▶ Create a plan for the research
- ▶ Developing university research policies and procedures
- ▶ Establishing a research development center with clear management structure
- ▶ Budget Allocation
- ▶ Appointing faculty members who have research experience or passion and inclination on research and publications.

Cont

- ▶ Supporting faculty members by providing internal institutional projects and external industry projects.
- ▶ By setting up the research publication target to each faculty member and by providing facilities to reach the target.
- ▶ Arranging Faculty Development Programmes on research

Cont

- ▶ Organizing national conferences in every year
- ▶ **Encouraging** the faculty members and students to publish conference papers
- ▶ The institution should have an effective **publication division** which should plan/support to publish books

Cont

- ▶ The institution should encourage its students to make research on priority areas as their **final project work**.
- ▶ identifying Top Publishers of every year.
- ▶ The institution should **support its faculty members to publish** their papers in international journals
- ▶ The **promotions** should be strictly depend on the individual faculty research productivity index

Cont

- ▶ By adding more research components in the **curriculum**
- ▶ The faculty members should get lot of **free time** from teaching for focus in research
- ▶ To conduct faculty and **students training** programmes in Research

Cont

- ▶ Creating **infrastructure** for researchers, IT facilities, online information and database subscription through national library networks.
- ▶ Providing Computation and **data analysis facilities** to faculties and students.

Cont

- ▶ Students have to be motivated and instructed to **convert their projects** in to publishable papers
- ▶ Creating **institutional research fund** to support any activity related to research and publication.

Cont

- ▶ **Honoring the faculty** and students every year who contributes considerably for new knowledge creation through research publications.
- ▶ Increase institutional **collaborations** both at national and international level

Cont

- ▶ Through research committee, each and every faculty members should be **counseled** for their research interest
- ▶ The university conducts faculty meetings on every Saturday afternoon to discuss the **individual progress in research**

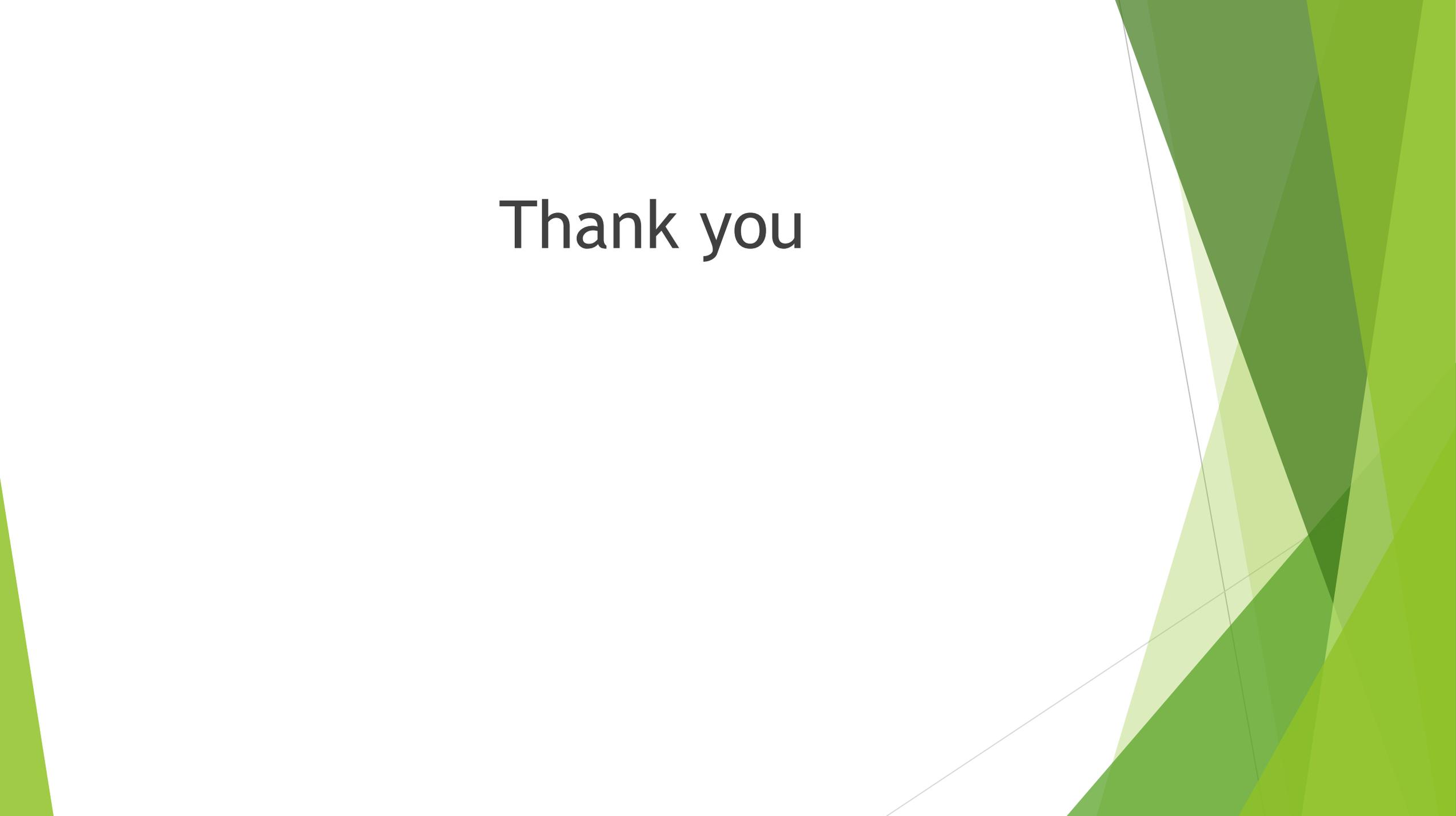
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- ▶ The university encourages the faculty members to submit at least **one paper to each year**.
- ▶ The presented **papers in the conferences are rewarded**, reviewed and published in international journals through institutional supervision.

Cont

- ▶ The university creates the **competition** among faculty members and students.
- ▶ Creates Research **Environment** in the university
- ▶ Encouragement for making research on **priority areas**
- ▶ **Commercializing** the research by discovering news products or services
- ▶ Printing Support and Journal publication support by providing **publication charges** from the institution.

Thank you

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the frame, creating a modern, layered effect against the white background.