

### Tasks of Research Chair on Gum Arabic

Within the framework of the guidelines & regulations of Research Chairs in the Commission of Scientific Research & Innovation of the Ministry of Higher Education and Scientific Research, the Research Chair on Gum Arabic in the University of Khartoum shall have the following tasks:

<b>A:</b>	Incentivize, encourage, and support applied research
<b>A. a:</b>	In the Silviculture and Sustainable Management of Gum Arabic producing trees and shrub indigenous to the Republic of the Sudan.
<b>A. a. a:</b>	Trees and shrubs that produce Gum Arabic in the Republic of the Sudan include: <b>(1). <i>Acacia sieberana</i> (KuK) ;( 2). <i>A. abyssinica</i>;  <b>(3). <i>A. elatior</i>; (4). <i>A. reficiens</i>; (5). <i>A. etbaica</i> (Arad) ;( 6). <i>A. nubica</i> (Laot); (7). <i>A. tortilis</i> (Sammar, Seyal); (8). <i>A.drepanolobium</i> (Soffar Aswad); (9). <i>A. gerrardii</i> (Salgam); (10). <i>A. paolii</i>;  <b>(11). <i>A. macrothyrsa</i>; (12). <i>A. seyal</i> (Talh, Soffar Abiad); (13). <i>A. hockii</i>; (14). <i>A. ehrenbergiana</i> (Sallam); (15). <i>A. nilotica</i> (Sunt, Garad); (16). <i>A. kirkii</i> ; (17). <i>A. dolichocephala</i>; (18). <i>A. horrid</i>;  <b>(19). <i>A. mellifera</i> (Kitir); (20). <i>A. laeta</i> (Shubahi); (21). <i>A. hecatophylla</i>; (22). <i>A. polyacantha</i> (Kakamut); (23). <i>A. macrostachya</i>; (24). <i>A. persiciflora</i>; (25). <i>A. asak</i> (Assag, Hag); (26). <i>A.senegal</i> (Hashab); (27). <i>A. ataxacantha</i>; (28). <i>A. brevispica</i>; (29). <i>A. schweinfurthii</i>; (30). <i>A. pentagona</i>; (31). <i>A. albida</i> (Haraz)- (renamed <i>Faidherbia albida</i>).</b></b></b></b>
<b>A. a. a. a:</b>	Trees and shrubs that currently produce Gums in the Republic of the Sudan of edible types and used in industry and trade in commercial quantities are limited to Hashab ( <b><i>Acacia senegal</i></b> var. <b><i>senegal</i></b> ),Talh ( <b><i>Acacia seyal</i></b> ), Suffar ( <b><i>Acacia fistula</i></b> ), Kakamut ( <b><i>Acacia polyacantha</i></b> ), Shubahi ( <b><i>Acacia laeta</i></b> ), Kittir ( <b><i>Acacia mellifera</i></b> ) and Laot ( <b><i>Acacia nubica</i></b> ).
<b>A. b:</b>	Chemistry and Applications of Gum Arabic
<b>A. b. a.</b>	In the Silviculture and Sustainable Management of

	Gum Arabic producing trees and shrubs; Chemistry and Applications of Gum Arabic, priority in incentives, encouragement and allocation of funds shall be for:
<b>A. b. a. a.</b>	Applied research in trees and shrubs of Talh ( <b><i>A.seyal</i></b> ); Suffar ( <b><i>A.fistula</i></b> ); Kakamut ( <b><i>A.polyacantha</i></b> ); Kittir ( <b><i>A.mellifera</i></b> ); Shubahi ( <b><i>A.laeta</i></b> ) and Laot ( <b><i>A.nubica</i></b> ) in that order.
<b>A. b. a. b.</b>	Basic research in other trees and shrubs in the Genus Acacia other than Hashab ( <b><i>A.senegal</i></b> var <b><i>senegal</i></b> ),
<b>A. b. a. c.</b>	Basic research in the domains of Biochemistry, Gummosis physiology and nanotechnology in Hashab ( <b><i>A. senegal</i></b> var. <b><i>senegal</i></b> ), Talh ( <b><i>A. seyal</i></b> ) and other Acacia species indigenous to the Republic of the Sudan in that order,
<b>A. c.</b>	In the domain of chemistry and applications in the use of Gum Arabic priority of incentives, encouragement and allocation of funds shall be for:
<b>A. c.a.</b>	Characterization chemistry of natural gums of Suffar ( <b><i>A. fistula</i></b> ); Kittir ( <b><i>A.mellifera</i></b> ); Shubahi ( <b><i>A.laeta</i></b> ) and Laot ( <b><i>A.nubica</i></b> ) indigenous to the Republic of the Sudan in that order.