

Table 3: Thematic Areas and Respective Programs

S. No	Thematic Area	Programs
1	Engineering	1 Agricultural Engineering 2 Apparel and Fashion Design/ Fashion Design 3 Architecture 4 Automotive Engineering 5 Automotive Technology and Vehicle Management 6 Biomedical Engineering 7 Biosystems Engineering 8 Cadastral Surveying and Geomatics Engineering 9 Chemical Engineering 10 Civil Engineering 11 Computer Science and Engineering 12 Construction Technology and Management 13 Electrical and Computer Engineering 14 Electromechanical Engineering 15 Engineering Drawing and Design 16 Environmental Engineering 17 Environmental Technology and Engineering 18 Food Engineering / Food processing Engineering / Food technology and process engineering 19 Garment Engineering 20 Hydraulic and Water Resources Engineering 21 Industrial Engineering 22 Land Administration and Surveying 23 Leather Product Engineering 24 Manufacturing Engineering 25 Material Science and Engineering 26 Mechanical Engineering 27 Mechatronics Engineering 28 Mineral Processing and Metallurgical Engineering 29 Mining Engineering 30 Petroleum Engineering 31 Surveying Engineering / Surveying Technology 32 Textile and Apparel Merchandizing 33 Textile Chemical Process Engineering 34 Textile Engineering 35 Urban and Regional Planning 36 Urban Engineering 37 Urban planning / Urban planning and design 38 Water Resource Engineering 39 Water Resources and Irrigation Engineering 40 Water Supply and Environmental Engineering

2	Life Sciences	1	Biology
		2	Biology Laboratory Technology
		3	Biotechnology
		4	Environmental Science
		5	Food Science and Applied Nutrition/ Food and Nutritional Sciences
		7	Sport Coaching
		8	Sport Management
		9	Sport science
		11	Urban Environmental Management (Environmental Management)
3		1	Chemical Science Laboratory Technology
		2	Chemistry
	Physical Sciences	3	Geology / Earth Science
		4	Industrial Chemistry
		5	Mathematics
			Forensic Chemistry and Toxicology
		6	Meteorology and Hydrology/ Climate and Hydrology
		7	Physics
		8	Physics Laboratory Technology
		9	Statistics
4	Computational Sciences	1	Computer Science
		2	Information Science
		3	Information System
		4	Information Technology
		5	Management Information System
		6	Urban Land Management and Information System/ Urban Land Administration and Information System
5	Medical and Health Sciences	1	Anesthesia
		2	Dental Science
		3	Doctor of Dental Medicine (DDM)
		4	Doctor of Medicine
		5	Emergency and Critical Care Nursing
		6	Environmental Health Science
		7	Family Health
		8	Health Education and Promotion
		9	Health informatics
		10	Human Nutrition
		11	Medical Laboratory Science / Medical Laboratory Technology
		12	Medical Radiology Technology
		13	Midwifery
		14	Neonatal nursing
		15	Nursing (Comprehensive)
		16	Operation Theater
		17	Pediatrics and Child Health Nursing
		18	Pharmacy
		19	Physiotherapy

		20	Psychiatry
		21	Public Health
		22	Surgical Nursing
6	Animal Sciences	1	Animal Science
		2	Range Ecology and Biodiversity
		3	Fisheries and Aquatic Science
		4	Doctor of Veterinary Medicine
		5	Veterinary Laboratory Technology
		6	Veterinary Pharmacy
		7	Veterinary Science
		8	Wildlife and Ecotourism Management
		9	Wildlife and Protected Area Management
7	Plant Sciences	1	Agricultural Extension
		2	Coffee Science
		3	Food Science and Post Harvest Technology
		4	Forest and Nature Conservation
		5	Forest Management and Utilization
		6	Forestry
		7	Horticulture
		8	Natural Resources Management
		9	Plant Sciences
		10	Rural development and agricultural extension
		11	Soil Resource and Watershed Management
		12	Urban Forestry and Greening
		13	Biodiversity Conservation and Ecotourism
8	Business and Economics	1	Accounting and Finance
		2	Agribusiness and Value Chain Management
		3	Agricultural Economics
		4	Aviation Management
		5	Banking and Finance
		6	Business Administration and Information Systems
		7	Business Management
		8	Cooperative Accounting and Auditing
		9	Cooperative Business Management
		10	Economics
		11	Finance and Development Economics
		12	Human Resource Management and Leadership
		13	International Trade and Investment Management
		14	Logistics and Supply Chain Management
		15	Management/ Business administration/Business Management/Business Management and Entrepreneurship
		16	Marketing Management
		17	Natural Resource Economics and Policy/Natural Resource Economics and Management
		18	Procurement and Asset Management (Public Procurement and Asset Management)
		19	Public Administration and Development Management

		20	Public Financial Management
		21	Real Property Valuation / Land and Real Property Valuation
		22	Urban Land Administration
		23	Urban Transport Management
		24	Hotel Management/ Tourism management / Tourism and hotel management / Tourism and Hospitality Management
		25	Ecotourism and Cultural Heritage Management
9	Education Related Programs	1	Curriculum and Instructional Supervision / Teacher education and Curriculum studies
		2	Early Childhood Care and Education
		3	Education Technology and Information Management
		4	Educational Planning and Management
		5	Lifelong Learning and Community Development /Adult Education & Community development
		6	Pedagogical Science with Geography and Environmental Studies Composite
		7	School and Counseling Psychology / School Psychology
		8	Special Needs and Inclusive Education
10	Social Sciences	1	Anthropology
		2	Archeology and Heritage Management
		3	Criminology and Criminal Justice
		4	Gada and indigenous Knowledge Studies
		5	Gadaa and Oromo History Studies
		6	Geography and Environmental studies
		7	Geography and Environmental studies
		8	GIS (Geographic Information Science)
		9	Global Studies and International Relations
		10	History and Heritage Management
		11	Political Science and International Relations / Political Science and International studies
		12	Population Studies
		13	Psychology
		14	Social Anthropology
		15	Sociology
		16	Sociology and Social Anthropology
11	Humanities	1	Civics and Ethical Studies
		2	Development and Environmental Management Studies
		3	Development Management
		4	Disaster Risk Management and Sustainable Development
		5	Gender and Development Studies
		6	Law
		7	Peace and Development Studies
		8	Philosophy
		9	Social Work
		10	Sociology and Social Work

		11	Cinema and theater art
		12	Film and Television Production
		13	Fine art and Design/Visual Arts
		14	Music
		15	Theatrical Arts
12	Language, Folklore and Communications	1	All Languages (English, Linguistics, Folklore,
		2	General Linguistics
		3	Communication and Media Studies / Media Studies / Journalism and communication
		4	Folklore (Cultural Studies)
		5	public relation and community studies/public relation and strategic communication
		6	Public Relations and Advertisement
		7	Public Relations and Communication Studies / Public relation and strategic communication
		8	All Folklores

Summary

The thematic areas identified for the 2017 NGAT are the following:

1. Verbal reasoning
2. Quantitative reasoning
3. Analytical reasoning and
4. General field related