

1st NATIONAL ENGINEERING STUDENTS COMPETITION

By: COMMITTEE OF DEANS OF ENGINEERING AND TECHNOLOGY OF NIGERIAN
UNIVERSITIES (CODET)

INTRODUCTION

In order to increase awareness of the activities of our engineering profession and also to really engage our students in Speech, Writing Skills and Debate, CODET intends to organize an engineering competition at the national level. The competition will have various benefits including providing extra challenge for our students to really use (and test!) their debating skills in a friendly but competitive environment, encourage teamwork, and provide a platform for students to present their solutions to a range of problems from everyday household tasks to groundbreaking space explorations.

An engineer, like all professionals, must possess a well-developed ability to communicate, both orally and in writing. This competition is, therefore, designed to:

- i) not only develop the theoretical knowledge but also the practical knowledge of students,
- ii) emphasize the value of their ability to deliver oral presentations and
- iii) also encourage young engineers to come together to showcase their creativity by demonstrating the value added through their ingenuity and application of sound engineering design principles to address a broad spectrum of industrial, manufacturing, and humanitarian challenges.

MODALITIES

Interested students may not be confined to a specific topic but each discipline of engineering may come up with topics that may be a current issue of interest in the society, industry or environment.

Categories of entries: Individual and Group. Students may be offered to participate in any of these two categories:

- 1. Team work:** is a category which competitors can use their practical skills to design. Competitors need to build a functional device regarding to a technical problem given in a limited amount of time and resources. The group may consist of up to four people;
- 2. Individual:** In this category, a student can come up with a design or any sort of ingenuity that will consist of solving a theoretical, technical or a managerial problem occurring in

real life or industry. Participants can develop hypothetical solutions with no actual construction of any device or assembling of some materials.

Eligibility: All participants must be students enrolled at undergraduate level in an Engineering/Engineering technology degree program at any time during the current academic year. All Competitors will agree to abide by the [Engineering Code of Ethics](#). Students whose institutions have good financial standing in CODET as of 2015 are eligible to participate in the competition.

Levels of the Competition:

- Deans to submit a maximum of 3 entries from each category making a total of 6 entries from each institution.
- Regional coordinator to submit to National coordinator the best 3 entries in each category making a total of 6 entries from each Region
- National Coordinator to select the best 3 entries in each category making a total of 6 entries for the nation

Theme of competition:

The theme of the competition is “**Engineering Entrepreneurship and Innovation**”

What to submit: A 2page document or entry of a technological innovation on the theme detailing what the innovation is about, the gap it fills or need it meets, economic considerations, engineering features and some pictures. Hardcopies and softcopy of all entries should be submitted to the Dean of Faculty latest by April 15, 2016. An individual or group can submit multiple entries.

Students may be invited to make a presentation in defense of their submissions at the various levels.

Deadlines

Deans submit to Regional coordinator	Latest end of April or First week in May
Regional coordinator to submit to National coordinator	End of May
National selection	End of June
Notification of winners	2 nd week of July
Presentation of awards	During COREN Assembly

Prizes to be won

Position	Individual		Group	
	Regional level	National level	Regional level	National level
1 st	N50,000	N250,000	N50,000	N350,000
2 nd	N30,000	N150,000	N30,000	N250,000
3 rd	N20,000	N100,000	N20,000	N150,000

Institutions in the different Regions

Engineering faculties in Universities (public or private).

North West	North East	North Central	South West	South East	South-South
ABU	ATBU	UniAbuja	UI	UNN	RSUST
BUK	UniMaid	FUT Minna	Uni Lag	ESUST	UniPort
KUST	MauTech Yola	Uni Agric Makurdi	OAU	IMO St. University. Owerri	UniBen
NDA Kaduna	Fed Uni Wukari	Uni Lorin	OOU	FUTO	Uni Okada
		KWASSU	LauTech	Uni Agric Umudike	Ambrose Alli University Ekpoma
		Turkish Nile	FUTA	AWKA	Delta St Uni Abraka
		Plateau State University	FUNAAD	FUNAI	Fed Uni Otuoke
		University of Jos	ACHIEVERS	COO Uni	Niger Delta Uni Wilberforce
		LandMark University Omo Aran	Fed Uni Oye-Ekiti	Madonna	FUPRI

			Ekiti St Uni	Gregory Uni Uturu	CRUTECK
			Osun St Uni	CARITAS	
			Elizade Uni		
			Afe Babalola Uni		
			Adeleke Uni		
			LASU		
			BELLS Uni		
			Covenant Uni		

Regional Coordinators:

Region	Coordinator	E mail	Phone
North West	ABU, Zaria (Dr Muhammad Dauda)	muhammaddauda@yahoo.com	08077609941
North East	ATBU, Bauchi (Engr. Prof. Jibril Danladi Jiya)	jibjiya27@gmail.com	07032153315 08059069233
North Central	Uniabuja, Abuja (Engr. Prof. O. B. Oloche)	profoloch@yahoo.com	08023784402
South West	UI, Ibadan (Engr. Prof. Emmanuel Atoo Ajav)	eaajav@yahoo.co.uk	08023305155
South East	UNN, Nsukka (Engr. Prof. S. O. Enibe)	samuel.enibe@unn.edu.ng	08063646798
South-South	RSUST, Port Harcourt (Engr. Prof. Josiah Ayotamuno)	ayotamuno.josiah@ust.edu.ng mjayotamuno@hotmail.com	08033403998