Building Technology... a panacea for Nigeria’s Infrastructural Development.

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Define Building Technology?
Building Tech can be defined as a study of Building Engineering Production & Management.

Building Tech is the learning of complete art of Initiating, designing, specification, developing, construction and facility maintenance & management of Building or Building Complexes, Housing Estates, Industrial & Commercial Complexes.

Buildings are Engineering Technology products used for human habitation.
Buildings can be:

- A structure created for **Comfort** (for **Office**, **Residential**, **Recreation**, **Industries** and **Commercial**) purposes.
- Treated as a Shelter-for **Human**, **Cars**, **Animals**, **Goods** (Warehouse/Silos/Dams/**Ship/Aircraft**)
COMFORT......very relative

• Low ranges
• Medium ranges
• High ranges.......all in terms of initiatives, locations, design, specification and delivery.

Luxury is in the mind....your take away
Technology in Buildings... can be defined as the Engineering aspect of buildings:

- Site Clearing/Hoarding-Demolition & Cart Away
- Foundation: Strip, Column/Base, Raft & Pile Foundation.
- Columns/Slabs-Floors/Scaffolding & Formwork.
- Electrical/Mechanical/Plumbing/Sewage/Airconditioning /Generators/Lift/ICT
- Concreting & Blockwall
- Finishings-Floor, Wall, Ceilings/Furniture & Furnishings, Ironmongery.
- Plastering & Paintings
- Roof Structures & Roof Coverings
- Horticultures/Artworks/Signages
• Cleaning & Completion Drawings/Buildability Report.
• Commissioning
• Facility Maintenance/Management

- Land (Govt or Private Treaty)
- Land Surveying.
- Design (Arch, QS, Civil/Structural/Electrical & Mechanical Engineering, Builders (PM/Construction Management)
- Project Finance-(Grants or Mortgage/Loan or Self Finance).
- Construction-Contracting or Schedule of Rates/Labour.
Production contd

- Completion-Workshop & Completion drawings/Certifications.
- Estate Management-Leasing or Wholesale
- Facility Maintenance/Management
- Integrity Building Inspectors for Buildability Report- Whole House/Industry/Commercial Inspection-Due to dilapidation/recommend a rehabilitation, refurbishment of Structures before demolition or rebuild....a green field area.
Panacea......

............”Something that will solve all the problems of a particular situation”
Infrastructural Development...available for Project Management.

Opportunities:

• Academics: Universities, Polytechnics & Research Institutes
• Public Sector: Ministries (Fed, State & Local Govts); City Engineers/Fire Dept, Housing Corporations(Fed & State)-Facility/Estate Depts.
• Private Sector: Banks-Commercial & Mortgage(Premises/Estate depts); Oil Companies; Contractors-Building Engineers, Project Managers, Managing Directors; Facility management Companies, Estate Development Companies, Insurance Companies, Builders Merchant-Marts, Building Components Companies-Roofing Structures/coverings, SawMills & Woodworks, Bricks/Blockwall, Tile/Sanitary Factories.
• Consultancy-Project Managers
• NGOs-Sustainable Building & Green Habitat.
Posers:

Is it possible for Covenant University or any other Institutions or any Living thing, exist without Shelter (roof over he/her head) or Building Technology?

What about all the Infrastructural Developments required for the Comfort of residents in a Nation called Nigeria?

But is it true that we are often described......”as jack of all trades......”?
Antecedence of Mankind:

Noah’s Ark.......”a large boat which Noah built to save his family and two of every type of animal from flood”. 
Communique:

(1) Builders are now classified as ‘Noah of all Professions and Master of all’.

Therefore:

• Have you all resolved to re-energise and re-dedicate yourselves, to be the best builder known to Mankind?
• If Noah is a Builder, what are you?
• When are you going to be a builder? Now or when?
Thank you & God Bless you all.