INTRODUCTION

In line with Federal Government's Education reform initiatives on Vision 2020 aimed at revitalizing Technical and Vocational Education by encouraging Private Partnership Participation in educating the teaming Nigerian youths and unemployed adults to acquire entrepreneurial skills that will enhance and promote industrial and economic development as well as providing skilled manpower in various industrial sectors. To this effect, Cifman Institute of Technology and Management Yaba Lagos was established to augment National Innovative Entrepreneurship programmes in the area of Technology and Engineering in the following disciplines:

1. NID Computer Software Engineering Technology
2. NID Computer Hardware Engineering Technology
3. NID Computer Networking And System Security
4. NID Digital Multimedia Technology

Apart from supporting the goal of the Federal Government of Nigeria on training manpower in Technical and Vocational Education, the Institute is committed in development skills necessary to enhance the growth of the Computer Software, Computer Hardware, Computer System Security and Networking, in ICT Industry and the Nigeria Economy at larger by producing middle level professionals that are independently minded and entrepreneurial in outlook.

The Institute's interest in providing technical and vocational education training at post basic and tertiary level to equip Secondary School leavers and working adults with vocational skills and knowledge to meet the various Technology and Engineering demand in all sectors of the nation's economy.

The government's realization of its vision of becoming one of the largest economies by the year 2020 depends largely on her capacity of transforming competent citizens capable of fully addressing the needs and competing technically in the global arena.

MISSION

The mission of the Institute is the provision of high quality training hands – on experience with the purpose of developing sustainable skills in diverse areas of Technology and Engineering and other industrial needs.

The aim is to achieve the following:

- Build a long term stakeholder value and maximize stakeholder returns
- Develop and energize our trainees to develop their potentials to the fullest extent. In so doing, they will infuse the economy with creativity and energy while attaining professional fulfillment.
- Nurture entrepreneurial acumen in the trainees
- Develop a new mindset towards self employment in our graduants.
- Serve as an incubator for trainees and our Neighborhood.

Partnering with our Trainees and the Stakeholders in the sense that the success of our graduants and trainees will enable our stakeholders to prosper along with us; hence the mutual relationship will form the basis for long lasting partnership.

OBJECTIVES AND PHILOSOPHY

The objective for establishing the Institutes include among several others, the following:-

(a)   Contribute in developing the national ICT, Telecommunication industrial production, capacity including human capacity building on the basis of shared mutual beneficial responsibilities with local and foreign expertise by means of trading Information and other outreach activities.

(b)   Provide a practical environment where skilled manager can be developed in a broad spectrum of computer applications, networking and related engineering practice.

(c)   Widen access to vocational education and offer credible alternative to higher education, through the provision of relevant industry – specific employable skills that are driven by demand from the industries and employers.

(d)   The Institution is poised to cater for the needs of:

  i.   School Leavers who wish to acquire demonstrable practical skill to secure employment or generate employment.

  ii.   People seeking for career paths that do not need university degrees or those who have left school long times and desire to go back.

  iii.   People without time for fulltime study but wanting to enhance their skills, wishing to go into self employment or university graduates

seeking employable skills and seeking opportunities to re-skill themselves.

MANAGEMENT AND ORGANIZATION

The evolving management structure of the academy is geared towards the following:-

- ➢ Quick Decision Making and Implementation
- ➢ Qualitative Supervision
- ➢ Scientific Evaluation of Performance and
- ➢ Credible Internal Audit and Control System

The initial programmes to be rolled out by Cifman Institute of Technology and Management in line with sector specification programme are the National Innovative Diploma in Computer Software Engineering; Computer Hardware Engineering Computer System Security & Networking; Digital Multimedia Technology; Security Management; Building Technology and Welding and Fabrication Technology.

NATIONAL INNOVATION DIPLOMA (NID)

The Institute offers NID in Computer Software Engineering; Computer Hardware Engineering Computer System Security & Networking; Digital Multimedia Technology.

Aside the core Courses, each of these programmes were consisting of Curriculum aimed at producing students to meet specific industrial requirements and standard. The diploma programme will last a minimum of 2 years for full.

Each course, laboratory group project carries 6 credit units of 2 hours of theoretical instruction and 4 hours of practical per week.

The Student Industrial Work Experiences (SIWES) runs for 8 to 16 weeks as required for different programmes. Industrial attachment runs 12 month which serves as Internship for the student to further practice the knowledge that has been acquired during the course of the programme.

CURRICULUM STRUCTURE

The curriculums are always open for review in line with the commitment to meet required standard of the regulatory agencies. This is also to ensure that it meets with the demand of the Industry.

Each student is required to take all compulsory courses in other to graduate. This is structured in the curriculum as follows:

Core Courses

These are courses that would be taken by all students. They are pre-requisites to students moving further to their areas of specialization.

General Education and IEI Courses

Nigeria operates a mixed economy. There is a realization that no amount of government activity can affectively replace the efforts of a broadly based and progressive private sector.

To fully tap the potential of the private sector in the area of education, the Federal Government of Nigeria provides relevant and accessible education and training avenues for the nation's workforce which gave rise to the establishment of Vocational Enterprise Institute (VEIS) and Innovation Enterprise Institutions (IEIS) to complement existing Technical and Vocational Education and Training (TVET) Institutions and the Universities.

The establishment of these Institutions in line with the Government's Reform Agenda in TVET, which is focused on the development of skills and harnessing talents in these areas _ Construction Engineering; Oil and Gas Technology, Information & Communication Technology (ICT); Agricultural Technology; Welding and Fabrication Technology and Security Management among others to enhance the National Economic development and improving Gross Domestic Product (GDP) in the new Millennium Industrial Growths.

The VEIS and IEIS are set up as alternatives to existing TVET Institutions and the Universities. These Institutions are designed to provide skill-based training in diverse fields, principally driven by the private sector. The VEIS will admit candidates with a minimum of Basic Education Certification (i.e. post Junior Secondary School), while the IEIS will admit students with a minimum of 5 Credits at Senior Secondary Certificate (SSC, NTC, NABTEB). Both will however, offer training for the purpose of up-skilling or re-skilling of the existing workforce.

The Institute has established that there are national and local demands for the products of the VEI and IEI programmes which are offered in the Institutions. It is also, established that there are initially and in subsequent years, sufficient number of

qualified candidates to admit. It is also, demonstrated that the programmes will be useful to individuals and that contacts have been made and affiliation secured with existing similar Institutions and Industries on matters of cooperation and interaction.

An assessment of the demand from National or Local for these programmes of the two Institutions cannot be examined in isolation of the variables that inextricably interplay in generating demand. These are the contextual framework of the country's philosophy on education, the pre-VEIs and IEIs educational system (i.e. the primary and Secondary schools) since they serve the Institutions with the basic "feeder" of students and lastly the sort of umbilical cordial relationship between all admissions to the Institution and student's performance at the West African School certificate examination (WASCE) and Junior secondary school (JSS) level.

Our research findings on matters relating to national demand, established the following rationals: the enrolment of primary school graduates has been rising over the years and consistently Hoovers around 13.7 million per year in the last four years while Secondary School enrolment has been on the average of 3.6 million in the last four years implying that about 22.9% of primary school enrolment register in the Secondary Schools Nationwide. Thus, establishing that the local economy of Lagos State requires the product of the Institutions proves very true and strong.

The state has 652 Secondary Schools (with 255,321 enrolment figure) and few Institution of similar programmes are in Lagos; however, where the VEIS and IEIS are situated, has 263 Primary Schools and 64 Secondary Schools.

Cifman Institute of Technology and Management was established as a Vocational Enterprise Institution (VEIS) and Innovation Enterprise Institution (IEIS) in Lagos State. The enrollment of its first batch of students was in December 2011. And since then, other batches of students has been enrolled and presently new batch are awaiting resumption in August, 2013. The Institution has been offering many programmes covering – Computer Software, Hardware technology, System security & Networking and Digital Multimedia. Whereas three additional programmes in the areas of Building Construction, Security Management and Welding & Fabrication Technology.

The programmes are National Innovation Diploma and National Vocational Certificate respectively in all the disciplines to be offered in the Institutions.

The market for this programmes is the country at larger and Lagos State catchments areas in particular. The management teams are made up of the Rector, Registrar, Bursar, Librarian and HODs etc. while the academic and the training process involves lecturing and teaching, examination, continuous assessment, oral and written evaluation, grading, test, Industrial work experience scheme, practical work and on-the job training etc.

Apart from favourable feasibility report at initial stage, our experience since first enrolment and subsequent admissions exercise which gave rise to one hundred and forty nine students had confirmed demands for the products. Lastly, as side the that local demands; need to be empowered with technological skills that will bring about innovative changes in the life of individuals.

VISION AND FUTURE

The *Institution's* vision and aspiration for the future is to be a premier skill acquisition and enterprise centre of valuable chains of high quality products in the computer software/hardware and related profession as well as construction technology. The institute strives to provide top class computer techniques with a view to restoring professionalism and the value chain.

Looking forward to a greater working relationship with the Skill-Up Grade Centre of Federal Ministry of Labour & Productivity towards projecting Technical and Vocational Education for national development.