

The Planning, Organization, Management and Quality Assurance of National Education Systems

The education is characterized by the “Teaching and Training of the Mind and Character”. The wisdom is created by combination of the “Knowledge and Character”. Education in all disciplines, including medicine is best planned, organized and managed in the light of the “Common National Education Systems”.

The **planning** of education of a country, is carried out by creating “National Educational Systems” (NES) and is aimed to meet the educational needs of the society and has three dimensions, (i) Length, (ii) width, and (iii) depth. The length must be large enough to ensure easy access to all sections of population of the country (rich, poor, urban, rural). The width is comprised of all disciplines and subjects that are required to address all types of educational needs of the society. The depth is based upon the level of learning strategies and technologies used in delivering the education and are based upon the available resources.

The **organization** of NES is based upon three (3) major pillars, (i) The Education Delivery Organizations (ii) The Education Providers, and (iii) Rules of Educational Processes and Procedures. The education delivery organizations are classified into Universities and Schools. The universities are further categorized on the basis of the types of the disciplines and subjects they teach. The schools are categorized according to years of teaching. The number, size and technical abilities of the universities and schools are based upon the size of the population of the country and its educational needs. The Education Providers are comprised of the teachers, managers and researchers, and their number is based upon the required teacher-student ratio and has three essential elements (i) how they are trained, (ii) how their education delivery practices are regulated, and (iii) how they are paid. The rules of educational processes and procedures include Frameworks of; (i) learning levels with their learning objectives, (ii) corresponding qualifications with their descriptors, (iii) list of the disciplines and subjects (iv) taxonomy of learning objectives (v) credit accumulation and transfer system (vi) semesterization and modularization of the programs (vii) program specifications (viii) student’s progress file (log book) and transcript (ix) scoring and grade point system in examinations, (x) learning strategies, and (xi) quality assurance.

The **management** of the NES is carried out, (i) at government level by the political leaders, bureaucrats and technocrats, (ii) at universities and school boards level by their corporate managements, and (iii) at department, program or class level by the education providers. In the light of the modern thoughts of public policy, the laws, rules, regulations and policies are developed by the government with the participation of all stake holders including the education providers. At university and school level, the regulations and policies are developed by their corporate management through close participation of the education providers. At department, program or class level the standards of the education process and procedures are laid down and managed by the education providers.

The **Quality Assurance** is achieved by measuring the effectiveness of the standards of the educational processes and procedures and the learning environment. This is carried out by reviewing the education at three (3) steps; (i) the continuous monitoring is performed by the leader of the department, program or a class and is reported at end of each calendar year, (ii) the internal review of each department/program or class is performed by two peers (education providers) of the same subject/program/class after every two to three years, and (iii) the external review or accreditation is performed by a third party after every five to ten years.

It is hoped that the readers will find this description useful while considering “Education Systems” at National, Institutional or Program/class level.



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