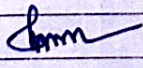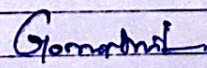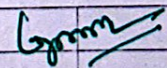# Excel Engineering College
(Autonomous)
Department of MCA

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution:

Classification / Mapping of Course with their societal needs

Course code and name	Local needs	Regional Needs	National Needs	Global Needs
MCA Regulation 2021				
21PMC101 Statistics and Numerical Methods	✓	✓	✓	✓
21PMC102 Computer Organization and Architecture	✓		✓	✓
21PMC103 Data Structures and Algorithms	✓		✓	✓
21PMC104 Object Oriented Programming		✓	✓	✓
21PMC105 Database Management Systems	✓	✓	✓	✓
21PMC106 Data Structures and Algorithms Laboratory			✓	✓
21PMC107 Object Oriented Programming Laboratory			✓	✓
21PMC201 Computer Networks			✓	✓
21PMC202 Principles of Operating Systems			✓	✓
21PMC203 Statistical Computing with R Programming		✓	✓	✓
21PMC205 Object Oriented Software Engineering			✓	✓
21PMC206 Scripting Laboratory		✓	✓	✓
21PMC207 Computer Networks Laboratory			✓	✓
21PMCA01 Software Testing and Quality Assurance			✓	✓
21PMCA02 Data Warehousing and Data Mining	✓	✓	✓	✓
21PMCA03 Digital Image Processing		✓	✓	✓
21PMCA04 Middleware Technologies			✓	✓
21PMCA05 Mobile Computing		✓	✓	✓

	Prepared by	Reviewed by	Approved By
SIGN	*[signature]*	*[signature]*	*[signature]*
NAME	M.K.Nagunaran	M.Gomathi	Dr. S. Gunasekaran