

Technology Keywords

English	Level
ELECTRONICS, IT AND TELECOMMS	1
Electronics, Microelectronics	2
Automation, Robotics Control Systems	3
Digital Systems, Digital Representation	3
Electronic circuits, components and equipment	3
Electronic circuits, components and equipment	2
Electronic engineering	3
Embedded Systems and Real Time Systems	3
High Frequency Technology, Microwaves	3
Magnetic and superconductive materials/devices	3
Microengineering,	3
Micromachining	3
Nanotechnologies related to electronics & microelectronics	3
Optical Networks and Systems	3
Peripherals Technologies (Mass Data Storage, Displays)	3
Printed circuits and integrated circuits	3
Quantum Informatics	3
Semiconductors	3
Smart cards and access systems	3
Environmental and Biometrics Sensors, Actuators	3
Micro and Nanotechnology related to Electronics and Microelectronics	3
3D printing	3
Electronic engineering	3
Embedded Systems and Real Time Systems	3
High Frequency Technology, Microwaves	3
Magnetic and superconductive materials/devices	3
Nanotechnologies related to electronics & microelectronics	3
Optical Networks and Systems	3
Peripherals Technologies (Mass Data Storage, Displays)	3
Printed circuits and integrated circuits	3
Quantum Informatics	3
Semiconductors	3
Smart cards and access systems	3
Information Processing & Systems, Workflow	2
Advanced Systems Architecture	3
Archivistics/Documentation/Technical Documentation	3
Artificial Intelligence (AI)	3
Computer Games	3
Computer Hardware	3
Computer Software	3
Computer Technology/Graphics, Meta Computing	3
Data Processing / Data Interchange, Middleware	3
Data Protection, Storage, Cryptography, Security	3

Databases, Database Management, Data Mining	3
Electronic Commerce, Electronic Payment & Signature	3
Imaging, Image Processing, Pattern Recognition	3
Information Technology/Informatics	3
Internet Technologies/Communication (Wireless, Bluetooth)	3
Knowledge Management, Process Management	3
Simulation	3
Speech Processing/Technology	3
User Interfaces, Usability	3
Electronic Signature	3
Building Automation Software	3
Remote Control	3
Smart Appliances	3
Environmental and Biometrics Sensors, Actuators	3
Cloud Technologies	3
Internet of Things	3
IT and Telematics Applications	2
Applications for Health	3
Applications for Tourism	3
Applications for Transport and Logistics	3
ASP Application Service Providing	3
e-Government	3
Environment Management Systems	3
GIS Geographical Information Systems	3
ERP - Electronic Resources Planning	3
CRM - Customer relationship Management	3
Quality Management System	3
Maintenance Management System	3
Operation Planning and Scheduler System	3
Didactic System	3
Serious Games	3
ICM – Internet Content Management	3
Analysis Risk Management	3
Work Hygiene and Safety Management	3
Multimedia	2
Cultural Heritage	3
E-Learning	3
E-Publishing, Digital Content	3
Human Language Technologies	3
Information Filtering, Semantics, Statistics	3
Visualisation, Virtual Reality	3
Telecommunications, Networking	2
Audiovisual Equipment and Communication	3
Broadband Technologies	3
Mobile Communications	3
Narrow Band Technologies	3
Network Technology, Network Security	3

Radar	3
Research Networking, GRID	3
SatelliteTechnology/Positioning/Communication in GPS	3
Signal Processing	3
Hi-Fi	3
Description to Sound and Music Computing	3
Description Image/Video Computing	3
Communications Protocols, Interoperability	3
Residential Gateway	3
VoIP telephony, remote access	3
INDUSTRIAL MANUFACTURING, MATERIAL AND TRANSPORT	1
Design and Modelling / Prototypes	2
3D printing	3
Industrial Manufacture	2
Cleaning (sandblasting, brushing)	3
Coatings	3
Drying	3
Erosion, Removal (spark erosion, flame cutting, laser, ..)	3
Forming (rolling, forging, pressing, drawing)	3
Hardening, heat treatment	3
Joining techniques (riveting, screw driving, gluing)	3
Jointing (soldering, welding, sticking)	3
Machine Tools	3
Machining (turning, drilling, moulding, planing, cutting)	3
Machining, fine (grinding, lapping)	3
Mixing (powder, etc.), separation (sorting, filtering)	3
Moulding, injection moulding, extrusion, sintering	3
Moulding, injection moulding, sintering	3
Extrusion	3
Surface treatment (painting, galvano, polishing, CVD, ..)	3
Microengineering and nanoengineering	3
Micromachining, nanomachining	3
Microassembly, nanoassembly	3
Micropositioning, nanopositioning	3
Process control and logistics	2
Process automation	3
Manufacturing plants networks	3
Component integration	3
Supply chain	3
Information processing & Systems, Workflow	3
Prototypes, trials and pilot schemes	3
Plant Design and Maintenance	2
Packaging / Handling	2
Foil, fils	3
Laminate	3
Packaging for machines	3
Packaging for materials	3

Plastic bags	3
Construction Technology	2
Building Materials, Components and Methods	3
Materials, components and systems for construction	3
Civil engineering	3
Construction Equipment	3
Construction methods and equipment	3
Fire Resistance/Safety	3
Mechanical Engineering, Hydraulics, Vibration, ...	3
Installations related to construction (energy, lighting, ...)	3
Pipeline Technology	3
Pulp Technology related to construction technology	3
Sensory/Multisensory Technology, Instrumentation	3
Construction maintenance and monitoring methods & equipment	3
Simulation, Simulation Engineering	3
Construction engineering (design, simulation)	3
Sound Insulation	3
Vacuum/ High Vacuum Technology	3
Gas Safety	3
Security	3
Management of construction process & life	3
Materials Technology	2
Adhesives	3
Building materials	3
Ceramic Materials and Powders	3
Colours and varnish	3
Composite materials	3
Fine Chemicals, Dyes and Inks	3
Glass	3
Iron and Steel, Steelworks	3
Materials Handling Technology (solids, fluids, gases)	3
Metals and Alloys	3
Non-ferrous Metals	3
Optical Materials	3
Paper technology	3
Plastics, Polymers	3
Properties of Materials, Corrosion/Degradation	3
Rubber	3
Stone	3
Advanced Textile Materials	3
Lightweight materials	3
Biobased materials	3
Carbon nanotubes	3
Conductive materials	3
Hybrid materials	3
Nanomaterials	3
Transport Infrastructure	2

Air Transport	3
Intermodal Transport	3
Logistics	3
Railway Transport	3
Road Transport	3
Traffic Engineering / Control Systems	3
Transhipment Systems	3
Water Transport	3
Transport and Shipping Technologies	2
Design of Vehicles	3
Hybrid and Electric Vehicles	3
Railway Vehicles	3
Road Vehicles	3
Shipbuilding	3
Traction/Propulsion Systems	3
Artificial intelligence applications for cars and transport	3
Navigation and embedded systems	3
Sensors for cars and transport	3
Lightweight construction	3
Air pollution control for cars and transport	3
Automotive engineering	3
Body and main parts	3
Automotive electrical and electronics	3
Audio / video	3
Charging system	3
Electrical supply system	3
Measurement devices	3
Ignition system	3
Lighting and signaling system	3
Switches and wiring	3
Security systems	3
Interior equipment	3
Powertrain and chassis	3
Braking system	3
Energy supply system	3
Transmission systems	3
Traffic, mobility	2
Planning and security	3
Engineering	3
System and transportation	3
Aerospace Technology	2
Aeronautical technology / Avionics	3
Aircraft	3
Helicopter	3
Satellite Navigation Systems	3
Space Exploration and Technology	3
Propulsion	3

Guidance and control	3
Thermal insulation for space applications	3
OTHER INDUSTRIAL TECHNOLOGIES	1
Other Industrial Technologies	2
Cleaning Technology	3
Process Plant Engineering	2
Apparatus Engineering	2
Chemical Technology and Engineering	2
Agro chemicals	3
Anorganic Substances	3
Colours, dyes related to Chemical Technology	3
Electrical Engineering/ Electrical Equipment	3
Man made fibres	3
Organic Substances	3
Pharmaceutics	3
Plastics and Rubber related to Chemical Technology	3
Soaps, detergents	3
Special chemicals, intermediates	3
Care, Hygiene, Beauty	3
Textiles Technology	2
Component adhesives for strengthening of seam	3
Dry filling related to Textiles Technology	3
Dyeing related to Textiles Technology	3
Finisher related to Textiles Technology	3
Non weaving related to Textiles Technology	3
Solvent based glues for strengthening of edges and seam	3
Thermoplastic textile fibres	3
Textile fibres	3
Weaving related to Textiles Technology	3
Woven technical textiles for industrial applications	3
Footwear / Leather Technology	2
Dry filling related to Footwear / Leather Technology	3
Dyes related to Footwear / Leather Technology	3
Tanned leather process/ Leather Technology	3
Sound Engineering/Technology	2
Mining Technologies	2
Printing	2
Flexography	3
Printed Reel Material	3
Household Goods & Appliances	2
ENERGY	1
Energy storage and transport	2
Heat storage	3
Heat transport and supply, district heating	3
Storage of electricity, batteries	3
Transmission of electricity	3
Transport and storage of gas and liquid fuels	3

Transport and storage of hydrogen	3
Power to gas technology	3
Energy production, transmission and conversion	2
Fuel cell, hydrogen production	3
Fuel cells	3
Hydrogen production	3
Compression and liquefaction of gases	3
Fuel liquefaction, gasification	3
Furnace technology, construction of heating boilers	3
Furnace and boiler technologies	3
Generators, electric engines and power converters	3
Heat exchangers	3
Heat pump, cooling technologies	3
Heat pump	3
Cooling technologies	3
Heating, ventilation	3
Turbines, fluid machinery, combined heat and power	3
Turbines	3
Combined heat and power (CHP) engines	3
Micro-generation and grid connection	3
Other energy related machinery	3
Smart grids	3
Fossil Energy Sources	2
Coal and Hydrocarbons	3
Gaseous fossil fuel	3
Solid fossil fuel	3
Liquid fossil fuel	3
Mining and extraction	3
Nuclear Fission / Nuclear Fusion	2
Renewable Sources of Energy	2
Gaseous biomass	3
Biogas and anaerobic digestion (AD)	2
Geothermal energy	3
Hydropower	3
Liquid biomass	3
Liquid biofuels	3
Photovoltaics	3
Solar/Thermal energy	3
Solid biomass	3
Unconventional and Alternative Energies	3
Waste incineration	3
Wind energy	3
Energy from wastewater	3
Integrated waste-energy processes	3
Bio-refineries for energy	3
Waste to energy other	3
Rational use of energy	2

Energy efficiency	2
Energy management	3
Lighting, illumination	3
Process optimisation, waste heat utilisation	3
Energy management	3
Lighting, illumination	3
Process optimisation, waste heat utilisation	3
Thermal insulation, energy efficiency in buildings	3
Thermal insulation	3
Heat pipes	3
Low, zero and plus energy rating	3
Other Energy Topics	2
Combustion, Flames	3
Fuel Technology	3
Fuels and engine technologies	3
Micro- and Nanotechnology related to energy	3
Carbon capture and energy	2
PHYSICAL AND EXACT SCIENCES	1
Astronomy	2
Chemistry	2
Analytical Chemistry	3
Computational Chemistry and Modelling	3
Inorganic Chemistry	3
Organic Chemistry	3
Petrochemistry, Petroleum Engineering	3
Earth Sciences	2
Geology, Geological Engineering, Geotechnics	3
Oceanography	3
Tectonics, Seismology	3
Mathematics, Statistics	2
Algorithms and Complexity	3
Mathematical modelling	3
Statistical Analysis	3
Meteorology / Climatology	2
Biosensor	3
Moisture sensors	3
Temperature monitoring	3
Physics	2
Acoustics	3
Astrophysics / Cosmology	3
Laser Technology	3
Nuclear Physics	3
Physics of Fluids	3
Sensors/Multisensor Technology, Instrumentation	3
Solid state physics	3
Thermodynamics	3
Vibration and Acoustic engineering	3

Optics	3
Vacuum	3
Mechanical Engineering	2
Micro-Mechanics	3
Hydraulics	2
Separation Technologies	2
Filtration and Membrane Processes	3
Extraction	3
Adsorption	3
Distillation	3
Sublimation	3
Other Processes	3
Micro- and Nanotechnology related to physical sciences	2
Micro- and Nanotechnology	2
BIOLOGICAL SCIENCES	1
Medicine, Human Health	2
Biostatistics, Epidemiology	3
Care and Health Services	3
Clinical Research, Trials	3
Cytology, Cancerology, Oncology	3
Dentistry / Odontology, Stomatology	3
Diagnostics, Diagnosis	3
Human vaccines	3
Diseases	3
Emergency medicine	3
Environmental Medicine, Social Medicine, Sports Medicine	3
Gene - DNA Therapy	3
Gerontology and Geriatrics	3
Heart and blood circulation illnesses	3
Electromedical and Medical Equipment	3
Medical Research	3
Medical Technology / Biomedical Engineering	3
Neurology, Brain Research	3
Pharmaceutical Products / Drugs	3
Physiology	3
Surgery	3
Virus, Virology/Antibiotics/Bacteriology	3
Stem cell Technologies	3
Laboratory Equipment	3
Rescue and Emergency Equipment	3
Physiotherapy, Orthopaedic Technology	3
Single Use Products and Consumer Goods	3
Medical Textiles	3
Medical Furniture	3
Medical Biomaterials	3
Biology / Biotechnology	2
Biochemistry / Biophysics	3

Cellular and Molecular Biology	3
Enzymology/Protein Engineering/Fermentation	3
Enzyme Technology	3
Protein Engineering	3
Genetic Engineering	3
Synthetic Biology	3
In vitro Testing, Trials	3
Microbiology	3
Molecular design	3
Toxicology	3
Bionics	3
Genome Research	2
Bioinformatics	3
Gene Expression, Proteom Research	3
Population genetics	3
Micro- and Nanotechnology related to Biological sciences	2
E-Health	2
Safety & systems	3
Sensors & Wireless products	3
Health information management	3
Remote diagnostics	3
Industrial Biotechnology	2
Biobased Materials	3
Bioplastics	3
Biobased chemical building blocks	3
Biopolymers	3
Biobased high-performance materials	3
Biological Nanomaterials	3
Biolubricants	3
Biotensides	3
Ionic Liquids	3
Bio- Composites	3
Fermentation	3
Bioprocesses	3
Downstream Processing	3
AGRICULTURE AND MARINE RESOURCES	1
Agriculture	2
Agriculture Machinery / Technology	3
Animal Production / Husbandry	3
Biocontrol	3
Crop Production	3
Horticulture	3
Pesticides	3
Precision agriculture	3
Seed coating	3
Veterinary Medicine	3
Sylviculture, Forestry, Forest technology	2

Forest technology	3
Paper Technology	3
Pulp Technology	3
Sylviculture, Forestry	3
Wood Products	3
Resources of the Sea, Fisheries	2
Aquaculture	3
Fish / Fisheries / Fishing Technology	3
Marine Science	3
Micro- and Nanotechnology to related agriculture and marine resources	3
AGROFOOD INDUSTRY	1
Technologies for the food industry	2
Drink Technology	3
Food Additives/Ingredients/Functional Food	3
Food Packaging / Handling	3
Food Processing	3
Food Technology	3
Food quality and safety	2
Detection and Analysis methods	3
Food Microbiology / Toxicology / Quality Control	3
Safe production methods	3
Tracability of food	3
Nutrition and Health	2
Micro- and Nanotechnology related to agrofood	2
MEASUREMENTS AND STANDARDS	1
Measurement Tools	2
Acoustic Technology related to measurements	3
Analyses / Test Facilities and Methods	3
Chemical material testing	3
Electrical Technology related to measurements	3
Mechanical Technology related to measurements	3
Optical material testing	3
Optical Technology related to measurements	3
Other Non Destructive Testing	3
Sensor Technology related to measurements	3
Thermal material testing	3
Amplifier, A/D Transducer	2
Electronic measurement systems	2
Recording Devices	2
Reference Materials	2
Standards	2
Quality Standards	3
Technical Standards	3
PROTECTING MAN AND ENVIRONMENT	1
Safety	2
Acoustic safety	3
Assessment of Risk	3

Assessment of Environmental Risk and Impact	3
Fire Safety Technology	3
Hazardous Materials	3
Radiation Protection	3
Protection against intoxication	3
Environment	2
Air Pollution/Treatment	3
Indoor Air Pollution/Treatment	3
Outdoor Air Pollution/Treatment	3
Capture and Storage of CO2	3
Climate Change mitigation	3
Biodiversity	3
Biodiversity / Natural Heritage	3
Ecology	3
Environmental Engineering / Technology	3
Measurement and Detection of Pollution	3
Natural Disasters	3
Remote sensing technology	3
Soil Pollution	3
Soil and Groundwater Pollution	3
Remediation of Contaminated Sites	3
Clean Production / Green Technologies	3
Noise Pollution	3
Life Cycle Assessment	3
Water Pollution / Treatment	3
Waste Management	2
Biotreatment / Compost / Bioconversion	3
Incineration and Pyrolysis	3
Land and Sea Disposal	3
Recycling, Recovery	3
Radioactive Waste	3
Waste disinfection / detoxification	3
Waste to Energy /Resource	3
Landfill mining	3
Rare Earths Metals Treatment	3
Water Management	2
Industrial Water Treatment	3
Municipal Water Treatment	3
Wastewater Recycling	3
Drinking Water	3
Rain Water	3
Sludge Treatment / Disposal	3
Desalination	3
Water Resources Management	3
Marine Environment	3
Hydrology	3
Flood Management	3

Water in Buildings	3
Underground infrastructure	3
SOCIAL AND ECONOMICS CONCERNS	1
Socio-economic models, economic aspects	2
Education and Training	2
Information and media, society	2
Technology, Society and Employment	2
Infrastructures for social sciences and humanities	2
Citizens participation	2
Foresight tools	2
Sports and Leisure	2
Creative services	2
Creative products	2