

LIST OF PATENTS AWARDED

Serial No.	Title of the Patent	Name of the Faculty	Patent No.
1.	A new type of Multifuel engine employing surface ignition (Retitled) An Internal Combustion engine	Dr K V Gopalakrishnan Dr. B S Murthy & Dr B. Nagalingam	149389
2.	A method of preparing improved cemented titanium carbide substrate	Prof V C Venkatesh	151351
3.	A process for the manufacture of depolariser grade manganese dioxide from pyrolusite chips	Dr Y B G Varma	158410
4.	A process of preparing a superplastic alloy of Al-Cu-Zr	Dr K A Padmanabhan	159196
5.	An improved grinding wheel for use in plunge grinding	Dr V Radhakrishnan	162980
6.	A circular fluid energy mill	Dr M Ramanujam	163558
7.	A compact and portable apparatus for welding metal wires and the like	Dr R Vasudevan Dr G S Ramachandran	162979
8.	A device to determine the co-efficient of friction of Rollers or Idlers	Dr K Ramakoteswara Rao	165636
9.	An improved two stroke spark ignition Engine	Dr B Nagalingam Dr K V Gopalakrishnan Mr A Ramesh	164385
10.	A Device for lifting and tilting an object having a cylindrical core	Dr K Ramakoteswara Rao Dr M A Parameswaran	167195

Serial No.	Title of the Patent	Name of the Faculty	Patent No.
11.	A Microprocessor based smart induction motor controller	Dr V V Sastry Dr K Sundara Raman	173119
12.	A method of and an apparatus for the preparation of oxygen enriched orthorhombic super conducting yttrium barium copper oxide powder	Dr G V Subha Rao Dr K Krishnaiah Dr U V Varadaraju Mr K D Chandrasekharan	173531
13.	Direct-misdialers for decadic- pulsing telephone system Version I	Dr Ashok Jhunhunwala Dr Bhaskar Ramamurthy	173914
14.	Direct-misdialers for decadic- pulsing telephone system Version II	Dr Ashok Jhunhunwala Dr Bhaskar Ramamurthy	173916
15.	Direct-misdialers for decadic- pulsing telephone system Version III	Dr Ashok Jhunhunwala Dr Bhaskar Ramamurthy	177832
16.	A process for the manufacture of Zirconia - yttria compacts for use as cutting tool inserts	Dr C V Gokularathnam Dr R Krishnamurthy Mr L M Arunachalam	173678
17.	a) A novel process for the manufacture of an aluminium alloy.	Dr K A Padmanabhan Mr S Venkatasamy Mr D Viswanaban	177833
18.	b) A novel thermomechanical process for the manufacture of laboratory made alluminium alloy in superplastic form	Dr K A Padmanabhan Mr S Venkatasamy Mr D Viswanahan	176756
19.	A key way bush assembly	Mr T S Chennabasavan	179312
20.	A device to produce a continuous helicoids out of long metal strips	Dr K Ramakoteswara Rao	179002

Serial No.	Title of the Patent	Name of the Faculty	Patent No.
21.	A method of preparation of a fluid for use in the flow testing of carburetors	Dr Y B G Varma	180431
22.	A improved Spur Gear	Dr A Ramamohana Rao	181440
23.	A method of metal deposition by electro-discharge machining and an apparatus for carrying out the said method	Dr P K Philip Dr M S Shanmugam	182464
24.	A dynodrive powered hydrodynamic exciter for vertical plane oscillations of bodies in water	Dr V Anantha Subramaniam Dr C P Vendhan	181423
25.	A process for the preparation of FCC catalyst for use in petroleum refining (Process I)	Prof C N Pillai Dr B Viswanathan & Others (3 patents)	187590
26.	A process for the preparation of FCC catalyst for use in petroleum refining (Process II)	Prof C N Pillai Dr B Viswanathan & Others (3 patents)	187611
27.	A swift stop device for use in friction welding.	Prof MS Shanmugan	181505
28.	A device for in-process monitoring of surface finish of a work-piece during manufacture thereof.	Prof V Radhakrishnan Mr Saji Varghese Mr N Achuthan	182070
29.	A process for the Preparation of new antifriction materials	Dr Paramanand Singh Mr M Chandrasekaran	187631
30	A Method of Manufacture of Giant Magnetos trictive Material	Prof K V S Rama Rao	187576

Serial No.	Title of the Patent	Name of the Faculty	Patent No.
31.	A Device for Measuring Elastic Creep in a Belt Drive.	Dr K Ramakoteswara Rao Prof M A Parameswaran Mr Bhaskar Karanth	187557
32.	A method of obtaining an equilibrated anomeric mixture of reducing sugars using non aqueous media	Dr D Loganathan	187729

LIST OF PATENTS PENDING NUMBERS

Serial No.	Title of the Patent	Name of the Faculty	Pending No.
1.	A method of and a device for manufacturing thin perforated sheets of hard and / or Brittle Metallic members	Dr R Vasudevan	591 / MAS / 87
2.	A process for the preparation of FCC catalyst for use in petroleum refining (Process III)	Prof C N Pillai Dr B Viswanathan & Others	159 / MAS/ 95
3.	A hollow block structural system	Dr K Ramamurthy Dr R Ambalavanan Dr T P Ganesan Dr P Kalyanasundaram	813 / MAS / 93
4.	A Telemetry Device for regulating the speed and feed of a tool in machining operations	Prof R Krishnamurthy Dr M A Veluswami Mr M Pugazhendi Mr M V Srinivasan	261 / MAS / 95
5.	A process for the selective synthesis of Picoliness by the direct Alkylolation of Pyridines	Prof C N Pillai Dr U Kameswari	158 / MAS / 95
6.	Polyacetal / Ethylene-Propylene -Diene Terpolymer blends and process for the preparation there of	Dr N R Neelakandan Dr G Kumar	317 / MAS / 95
7.	Electroless Deposition of Palladium or other Metal on Silicon Substrate	Dr S Karmalkar Mr D Sirdhar (M. S. student)	262 / MAS / 95 1056 / MAS / 98

Serial No.	Title of the Patent	Name of the Faculty	Pending No.
8.	An improved Internal Combustion Engine for Achieving Accelerated, and more Efficient Combustion of Air Fuel Mixtures	Prof K V Gopalakrishnan	554 / MAS / 95
9.	An Apparatus for Maintaining a Steady Plating Current in pulse Electro Plating Operations	Dr S Karmalkar Mr D Sridhar (M. S. Student)	545 / MAS / 95
10.	a) A Device for Fatigue Testing of Materials	Prof R Vasudevan Mr P C Majhee Mr M R Sriram (Ph.D) Scholar	874 / MAS / 95
11.	b) A Method of Manufacturing of a Metallic Member of Improved Fatigue Strength and a Device for carrying out the said method	Prof R Vasudevan Mr P C Majhee Mr M R Sriram (Ph.D) Scholar	875 / MAS / 95
12.	A Device for reducing the exciting current drawn by a magnetising winding	Dr P Sankaran Dr V Jagadeesh Kumar	522 / MAS / 97
13.	A Fully protected buck converter	Dr S Santhakumar	2134 / MAS / 96
14.	A Self - Calibrating resistive Guage for the Measurement of Liquid Levels	Dr V Jagadeesh Kumar Dr Paul Mario Koola	521 / MAS / 97

Serial No.	Title of the Patent	Name of the Faculty	Pending No.
15.	A Bubble Pump Absorption Coller	Prof S Srinivasa Murthy Dr M Prakash Maiya	1009 / MAS / 98
16.	A Fluidized Abrasive Polishing Machine	Prof V Radhakrishnan Shri R Jagannathan (Ph.D)	1997 / MAS / 96
17.	A Long Range Dect System	Prof Ashok Jhunjhunwala Dr Bhaskar Ramamurthi	333 / MAS / 97
18.	A Long Range Relay Base Dect System	Prof Ashok Jhunjhunwala Dr Bhaskar Ramamurthi	332 / MAS / 97
19.	Ceramic / Ceramic Composite Members and a method of near net shape forming thereof by Plasma Spraying	Dr C V Gokularathnam Prof R Krishnamurthy Mr M V Gopalakrishnan M/s Carborundum Universal Ltd. Mr Ravi Kumar	2606 / MAS / 97
20.	Alumina Zirconia Composite Powder and a process for the preparation of the same	Prof C V Gokulrathnam Dr S K Malhotra Sri M Balasubramanian (Res. Scholar)	549 / MAS / 98
21.	A Breakwater for use against Seawaves	Dr J S Mani	463 / MAS / 98

Serial No.	Title of the Patent	Name of the Faculty	Pending No.
22.	Microfines Circular Fluid Energy Mill for producing Ultra - Fine Powders	Dr P B Rajendran Nair Dr S S Narayanan	535 / MAS / 98
23.	Microfines Fludized Bed Jet Mill for producing Ultra - Fine Powders	Dr P B Rajendran Nair Dr S S Narayanan	533 / MAS / 98
24.	Microfines Pneumatic Fine Classifier for the classification of fine powders	Dr P B Rajendran Nair Dr S S Narayanan	534 / MAS / 98
25.	A method of Microwave joining of Ceramics bodies and ceramic bodies so joined	Dr R Krishnamurthy Sri S Aravindan (Res. Scholar)	1233 / MAS / 98
26.	A Device for simultaneously providing permanent Internet Access and Normal Voice Telephony to Subscribers using conventional telephone lines	Prof Ashok Jhunjhunwala Dr Bhaskar Ramamurthi Dr T A Gonsalves	1878 / MAS / 98
27.	A Lan trainer lab apparatus	Prof Ashok Jhunjhunwala Dr T A Gonsalves	556 / MAS / 99
28.	A Direct Internet Access System	Prof Ashok Jhunjhunwala Dr T A Gonsalves M/s Banyan Networks Pvt. Ltd.	25 / MAS / 2000

Serial No.	Title of the Patent	Name of the Faculty	Pending No.
29.	A Fluorometric Device for in Situ Estimation of Adulterants in liquid Petroleum products	Dr A K Mishra Mr Digambara Patra	372 / MAS / 2001
30.	A Self - powered Electronically Error - Compensated Current transformer	Prof P Sankaran Dr V Jagadeesh Kumar	802 / MAS / 2001
31.	A Dual Space Split Air Conditioner	Dr M Prakash Maiya	542 / MAS / 2001
32.	A Variable Stiffness Regulating Wheel for a Centreless Grinding Machine	Prof V Radhakrishnan Dr N Ramesh babu	206 / MAS / 2001
33.	A Method of Manufacture of Carbon Nanotubes and such tubes whenever so manufactured	Prof B Viswanathan Sri B Rajesh (Res. Scholar)	384 / MAS / 2001
34.	Articles of Glazed Ceramic Composites on Metal substrates and a Method of Manufacture thereof	Prof R Krishnamurthy Apurbba Kr. Sharma	563 / MAS / 2001
35.	Post Sintered WC Cutting Tools and a method of Manufacture thereof	Prof R Krishnamurthy Mr J Ramkumar Mr S Aravindan	777 / MAS / 2001

Serial No.	Title of the Patent	Name of the Faculty	Pending No.
36.	A process for the efficient Synthesis of (2S, 3R) - 2 -O - Benzyl-3, 4-DI-O-Isopropylidene-D-Erythritol	Dr Indrapal Singh Aidhen Mr Sivalenka Vijaya Sarathy (Ph.D Student)	543 / MAS / 2002
37.	A Process for Lipase Catalysed Preparation of Alkyl and Aryl Esters of Hydrocinnamic Acid	Dr Anju Chadha Dr K Priya	319 / MAS / 2002
38.	A Nanocomposite for Harnessing Solar Energy and a Process for the Manufacture thereof	Prof B Viswanathan Prof T K Varadarajan Mr S Shanmugam (Res. Scholar)	222 / MAS / 2003
39.	Scratch Resistant Coated plastic ophthalmic lenses	Prof A Subrahmanyam	195 / MAS / 2003
40.	Electrically Conducting coated kapton Film	Prof A Subrahmanyam	223 / MAS / 2003
41.	An Extrude Honing Composition	Prof Y G Srinivasa Prof K Narayanasamy	133 / MAS / 2003
42.	A Grinding Wheel and a Method of Manufacture thereof	Dr L Vijayaraghavan Dr R Krishnamurthy Mr S N Arul Saravanapriyan	248 / MAS / 2003