

List of Patent applications filed by Manipal Academy of Higher Education

| Sl. No. | Name of Inventor(s) | Title of Invention | Patent Application No. | Date of Filing | Status |
|---------|---|---|------------------------|----------------|----------------|
| 1 | Mradul Tiwari | A formulation of copper and risedronate combination for treatment of bone disorders through topical delivery | 201641009686 | 21-Mar-16 | Filed with IPO |
| | Nayanabhirama Udupa | | | | |
| | Kiran Avadhani | | | | |
| | Josyula Venkata Rao | | | | |
| 2 | Suprabha Suresh Nayak | Interleukin 12 secreted by stimulate peripheral blood mononuclear cells(PBMC) as biomarker for differentiation of patients with intestinal tuberculosis and Crohn's disease | 201641009687 | 21-Mar-16 | Filed with IPO |
| | Cannanore Ganesh Pai | | | | |
| 3 | Monika Reddy Bhuma | A modified forceps for maxillary molar extractions | 201641020069 | 13-Jun-16 | Filed with IPO |
| | Joanna Baptist | | | | |
| | Ravikiran Ongole | | | | |
| 4 | Aparna Ichalagod Narayan | The process of measuring dimensions of a dental implant | 201641017658 | 23-May-16 | Filed with IPO |
| | Dr. Satish B Shenoy | | | | |
| 5 | Kapaettu Satyamoorthy | peptides for promoting angiogenesis and a method of synthesizing the same | 201641023518 | 8-Jul-16 | Filed with IPO |
| | Manjunath Bandu Joshi | | | | |
| | Kamalashile Shreesha Bhat | | | | |
| | Raghuvir K Arni | | | | |
| | Setlur Govind Biligiri | | | | |
| 6 | Thokur Sreepathy Murali | A method of producing colchicine from an endophytic phomopsis using epigenetic modifiers | 201641023516 | 8-Jul-16 | Filed with IPO |
| | Deepika V Bhat | | | | |
| | Kapaettu Satyamoorthy | | | | |
| 7 | Krishna Kishore Mahato | A system and method for identification of proteins unstained page by laser induced autofluorescence | 201641023520 | 8-Jul-16 | Filed with IPO |
| | Manjunath Siddaramaiah | | | | |
| | Kapaettu Satyamoorthy | | | | |
| | Manjunath B Joshi | | | | |
| | Subhash Chandra | | | | |
| | Anirbit Datta | | | | |
| 8 | Prashanti Eachempati | System and method of measuring soft palatal angulation | 201641026037 | 29-07-2016 | Filed with IPO |
| | Kiran Kumar Krishnappa Salian (Karnataka) | | | | |
| | Govindaraja Charyulu Eachempati | | | | |
| 9 | M Srinivas Kini | | 201641027171 | 9-Aug-16 | |

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|----|---|---|--------------|-----------|----------------|
| | Champak Gogoi | A method of extracting pectin from orange peel through sonication | | | Filed with IPO |
| 10 | Santhosh Kumar | Device and Method for detection of bad breath | 201641033269 | 29-Sep-16 | Filed with IPO |
| | Kanishk Gupta | | | | |
| | Pratibha P K | | | | |
| | Subraya Bhat Giliyar | | | | |
| | Hitesh Kumar Gatty | | | | |
| 11 | Sivasankaran Sankaranarayanaier | A ultrasound assisted process of water splitting and catalytic hydrogenation for synthesis of hydrogen peroxide | 201641034424 | 7-Oct-16 | Filed with IPO |
| 12 | Chethan Gejjalagere Honnappa | A novel multi-target synthetic small molecule anti-inflammatory agent and a simple one step process for its synthesis | 201641036333 | 25-Oct-16 | Filed with IPO |
| | Unnikrishnan Mazhuvancherry Kesavan | | | | |
| 13 | Mr. Subhankar Biswas | Method of preparing an analogue of Quercetin that specifically inhibits HDAC-8 enzyme | 201741001295 | 12-Jan-17 | Filed with IPO |
| | Dr. Neetinkumar Dnyanoba Reddy | | | | |
| | Dr. Jayashree Bellur Srinivas Iyengar | | | | |
| | Dr. Chamallamudi Mallikarjun Rao | | | | |
| | Dr. Karkala Sreedhara Ranganath Pai | | | | |
| 14 | Mrs. Indira Subhkrishna Ballal | A formulation of dietary supplement for glycemic control in prediabetics and patients with type 2 diabetes | 201741001752 | 17-Jan-17 | Filed with IPO |
| | Mr. Subhas Krishna Ballal | | | | |
| | Mr. Nayanabhirama Udupa | | | | |
| | Mr. Saleemulla Khan | | | | |
| | Mr. Piccheshwar Rao | | | | |
| 15 | Ms. Akhila Hosur Shrunigeswara | A nontoxic, non-ulcerogenic, pleiotropic novel synthetic small molecule for treating chronic inflammation | 201741000101 | 1-Feb-17 | Filed with IPO |
| | Dr. Chethan Gejjalagere Honnappa | | | | |
| | Dr. Chandra Sekhar Misra | | | | |
| | Dr. Mazhuvancherry Kesavan Unnikrishnan | | | | |
| 16 | Dr. Pankhuri | A foam ice pack and a method of preparing thereof | 201741004005 | 2-Mar-17 | Filed with IPO |
| | Dr. Abhay Taranath Kamath | | | | |
| | Dr. Deepika Pai | | | | |
| 17 | Dr. Kanishk Gupta | | 201741006220 | 22-Feb-17 | |

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|----|---------------------------------------|---|--------------|-----------|----------------|
| | Mr. Rahul Gajula | A full mouth rotary bristle tooth brushing assembly | | | Filed with IPO |
| | Ms. Jaskirat Kaur | | | | |
| | Mr. Sumit Sdshiv Shinde | | | | |
| | Dr. Santhosh Kumar | | | | |
| | Dr. Nabeel Abdur Rashid | | | | |
| 18 | Mr. Venkatachalam Hillemane | A process for synthesis of flavonol and its anti-inflammatory activity | 201741008642 | 13-Mar-17 | Filed with IPO |
| | Dr. Jayashree Bellur Srinivas Iyengar | | | | |
| | Dr. Chandra Sekhar Misra | | | | |
| 19 | Dr. Ramya Shenoy | A Dental Device | 201741008796 | 17-Mar-17 | Filed with IPO |
| | Ms. Nikita Rungta | | | | |
| | Mr. Ashwin Kumar Devaraj | | | | |
| | Mr. Suhan | | | | |
| | Dr. Dilip Naik | | | | |
| 20 | Dr. Bharath Raja Guru | Formulation of Isoniazid Derivatives in Biodegradable Polymers | 201741016102 | 8-May-17 | Filed with IPO |
| | Dr. Santhosh Laxman Gaonkar | | | | |
| | Dr. Sushruta Hakkimane | | | | |
| | Dr. Vishnu Prasad Shenoy | | | | |
| 21 | Dr. Gadicherla Srikanth | Guiding device for dental anesthesia | 201741019238 | 1-Jun-17 | Filed with IPO |
| | Dr. P Kalyan Chakravarthy | | | | |
| 22 | Mr. Shreyas Suresh Rao | A system and method for linked data process to explore interdisciplinary research collaborations across enterprises | 201741019854 | 6-Jun-17 | Filed with IPO |
| | Dr. Ashalatha Nayak | | | | |
| 23 | Ms. Ramya Lokesh | A system and method for online recognition of kannada handwritten characters | 201741021107 | 16-Jun-17 | Filed with IPO |
| | Dr. Kumara Shama | | | | |
| 24 | Mr. Muthu Selvakumar | High Power Magnetic/Electromagnetic Electrochemical Supercapacitor | 201741024197 | 10-Jul-17 | Filed with IPO |
| | Ms. Sowmya | | | | |
| | Dr. Denthaje Krishna Bhat | | | | |
| | Der. Nedumaram Gopalan Renganathan | | | | |
| 25 | Mr. Soorya Annadurai | A method for generation and Identification of Hexresponse Codes | 201741026396 | 25-Jul-17 | Filed with IPO |
| 26 | Mr. Jaivrat Gupta | A self-holding suction tube in dentistry | 201741031724 | 7-Jul-17 | Filed with IPO |
| 27 | Mr. Praveen Shenoy | Triphibious Vehicle | 201741027807 | 4-Aug-17 | |

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|----------------------|-------------------------------------|--|--------------|-----------|----------------|
| | Mr. Lukhman Abdul Samad Khan | | | | Filed with IPO |
| | Mr. Sabdar Aziz Shaik | | | | |
| | Sayyed Mohammed Afran | | | | |
| | Mr. Kamlesh Kumar | | | | |
| 28 | Dr. Aditi Chopra | A method of Synthesizing Adhesive Dental Splint Composition | 201741018781 | 29-May-17 | Filed with IPO |
| 29 | Dr Sudha Warriier | Method For Derivation Of Human Cardiomyocytes From Perinatal Stem Cells | 201741000154 | 1-Mar-17 | Filed with IPO |
| 30 | Dr. Govindakarnavar Arunkumar | Virus like particles for influenza and the method of preparation thereof | 201741033978 | 27-Oct-17 | Filed with IPO |
| | Dr. Anitha Jagadesh | | | | |
| | Dr. Abdul Ajess Abdul Salam | | | | |
| 31 | Dr. Shama Prasada Kabekkodu | Differentially Methylated Markers for detection and screening of cervical cancer | 201741037480 | 24-Oct-17 | Filed with IPO |
| | Dr. Samatha Bhat | | | | |
| | Dr. Puthiya Mundyat Gopinath | | | | |
| | Dr. Kapaettu Satyamoorthy | | | | |
| | Dr. Thanvanthri Gururajan Vasudevan | | | | |
| | Dr. Parvathi Vinod Bhat | | | | |
| | Dr. Deeksha Pandey | | | | |
| Dr. Pralhad Kushtagi | | | | | |
| 32 | Dr. Kapaettu Satyamoorthy | Micro RNA Markers for detection and screening of Cervical Cancer | 201741037416 | 23-Oct-17 | Filed with IPO |
| | Dr. T G Vasudevan | | | | |
| 33 | Dr. Sudha Warriier | Method for derivation of central nervous system cell types from human perinatal mesenchymal stem cells | 201741029814 | 23-Aug-17 | Filed with IPO |
| 34 | Dr. Srinivas Mutalik | Ligand Conjugated Liposomal Composition of a typical Antipsychotic Drug | 201741044417 | | Filed with IPO |
| | Ms. Renuka Managuli | | | | |
| 35 | Mr. Ganesh Aroor | Pantograph Suspension System and Method for Vehicles | 201741047120 | 28-Dec-17 | Filed with IPO |
| | Mr. Akshay Saxena | | | | |
| 36 | Mr. Ravishanker Baliga Bantwal | Improved serial staging technique for multi-stage launch vehicle | 201841002276 | 19-Jan-18 | Filed with IPO |
| | Mr. Prabhpreet Data | | | | |
| 37 | Ms. Keerthana Prasad | A system and method for automatic blood smear analysis based on image analysis | 201841002277 | 19-Jan-18 | Filed with IPO |
| | Ms. Roopa Hegde | | | | |

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|----|-------------------------------------|---|--------------|---------------|----------------|
| | Mr. Harishchandra Hebbar Ninnikallu | | | | |
| 38 | Mrs. Indira Subhkrishna Ballal | Fat free cookies for glyceemic control in pre diabetics and early type 2 diabetic patients | 201841002235 | 19-Jan-18 | Filed with IPO |
| | Dr. Subhas Krishna Balla | | | | |
| | Dr. N. Udupa | | | | |
| | Dr. Saleemulla Khan | | | | |
| | Dr. Basavaraj Shivayogi Hadpad | | | | |
| | Mr. Kuppuswamy Thirugnansambantham | | | | |
| | Mr. Valsraj Payini | | | | |
| 39 | Chittor Vishnu Satya Chaitanya | A Modified Booth Algorithm Based Multiplier Unit | 201841002183 | Jan 18, 2018 | Filed with IPO |
| | Mr. Suderasan Chidambaram | | | | |
| | Mr. Payyalore Raman Venkateshwaran | | | | |
| | Dr. Keerthana Ilanthodi | | | | |
| 40 | Dr. Srinivas Mutalik | Nano structured lipid carriers containing a typical antipsychotic drug for oral administration | 201841005172 | 12-Feb-18 | Filed with IPO |
| | Dr. Renuka Managuli | | | | |
| 41 | Dr. Ranajit Das | Generation of ancestry informative marker panel for South Asians | 201841005167 | 12-Feb-18 | Filed with IPO |
| | Dr. Prinyanka Upadhyay | | | | |
| 42 | Dr. Srinivas Mutalik | Multifunctional Nanoparticulate Sunscreen compositions containing Green Tea Polyphenol and Hyaluron | 201841008513 | 8-Mar-18 | Filed with IPO |
| | Dr. Renuka Managuli | | | | |
| 43 | Dr. Evit Rajan John | Electric Toothbrush with customizable handle for patients with special needs | 201841016406 | May 1, 2018 | Filed with IPO |
| | Ms. Nivedita J S | | | | |
| | Dr. Lokendra Gupta | | | | |
| 44 | Dr. Sathya Shankar Sharma | Hybrid heat treatment method for age hardenable alloy matrix ferrous metal powder reinforced composites | 201841019026 | May 21, 2018 | Filed with IPO |
| | Dr. Rajesh | | | | |
| 45 | Dr. Karthik Arumugam | A Novel Targeted Drug Delivery System for Rivastigmine in Liposomes and Nanoparticles Form for the Treatment of Alzheimer's Disease | | | |
| | Dr. Mallikarjuna Rao Chamallamudi | | | | |
| | Dr. N. Udupa | | | | |
| | Dr. Subramanian Ganesan | | | | |
| 46 | Dr. Ramesh S Ve | Home Based Vision Screener - HVS | 201841021748 | June 11, 2018 | Filed with IPO |
| | Dr. Siddalingaswamy P C | | | | |

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|----|--------------------------------|---|--|--|-------------------|
| | Ms. Krithica Srinivasan | | | | |
| | Mr. Gopinath Madeswaran | | | | |
| | Mr. Asjad Nabeel | | | | |
| | Mr. Arun Kumar P | | | | |
| 47 | Dr. Ajeetkumar Patil | A novel sensitive and quantitative detection of Pyridoxine (Vitamin B6) by interaction with CdTe quantum dots | | | Filed with IPO |
| | Dr. Suresh Diwakar Kulkarni | | | | |
| | Dr. Sudarshan Kini | | | | |