

National Institutional Ranking Framework (NIRF) 2019

All India Shri Shivaji Memorial Society's
College of Engineering, Pune 411001
(IR-E-C-41227)/(IR-O-C-41227)

Number of Patents Filed/ Published

Sr. No	Name Of The Faculty	Date Of Filing & Publication	Title	Year	Application No
1	1. Mr. Wagaj Santosh Vhandrakant 2. Dr. Chavan Yashwant Vitthalrao 3. Dr. Bormane Dattatrya Shankar	Date of Filing : 17/12/2015 Date of Publication : 15/01/2016 Journal No : 03/2016	Design and Implementation of Shielded Channel Double Gate Junction less Semiconductor Transistor for low power and high performance.	2015-2016	4726/MUM/2015
2	1. Seema Vijaykumar Kedar 2. Priyanka Jagdale 3. Chaitrali Shelar 4. Pooja R. Salunke 5. Dr. Bormane Dattatrya Shankar	Date of Filing : 24/05/2016 Date of Publication : 01/07/2016 Journal No : 27/2016	Advance Speed control system using wireless Communication.	2015-2016	201621017763

3	<ol style="list-style-type: none"> 1. Mr. Chavan Sudarshan Laxmanrao 2. Dr. Talange Dhananjay Balu 3. Dr. Bormane Dattatrya Shankar 4. Dr. Kandalkar Sunil Ganpat 5. Mr. Kulkarni Rohan Shrikant. 	<p>Date of Filing : 08/03/2016</p> <p>Date of Publication : 15/04/2016</p> <p>Journal No : 16/2016</p>	Design and Development of MEA for High Peak Power Fast Responding PEM Fuel Cell.	2015-2016	201621007958
4	<ol style="list-style-type: none"> 1. Mr. Sagar Bhilaji Shinde 2. Mr. Bhalke Daulappa Guraanna 3. Dr. Yadav Dinkar Manik 4. Dr. Bormane Dattatrya Shankar 	<p>Date of Filing : 13/06/2016</p> <p>Date of Publication : 15/07/2016</p> <p>Journal No : 29/2016</p>	Energy Efficient Railway Tunnel.	2015-2016	201621020163
5.	<p>Dr. Bormane Dattatrya Shankar</p> <p>Mr. Bhalke Daulappa Guraanna</p> <p>Dr. C.B.Ramma Rao</p>	12/04/2016	System And Method For Recognizing Musical Instrument Sound Using Frft Based Mfcc Features	2015-16	201621012767

6	<ol style="list-style-type: none"> 1. Mr. A.N.Paithane 2. Mr. Suraj Chilwant 3. Dr. Bormane Dattatrya Shankar 4. Mr. Shankar Chilwant 5. Mr. Chandrakant Chilwant 	<p>Date of Filing : 16/03/2015</p> <p>Date of Publication : 10/04/2015</p> <p>Journal No : 15/2015</p>	Side stand for motor cycle.	2015-2016	844/MUM/2015
7	<ol style="list-style-type: none"> 1. Dr. Bormane Dattatrya Shankar 2. Mr. Ajay N. Paithane 	<p>Date of Filing : 06/01/2015</p> <p>Date of Publication : 16/01/2015</p> <p>Journal No : 03/2015</p>	System and method for recognition of Human Emotions.	2015-2016	54/MUM/2015
8	<ol style="list-style-type: none"> 1. Mr. Jadhav Bhagavat Dnyaneshwar 2. Dr. Patil Pradeep Mitharam 3. Dr. Bormane Dattatrya Shankar 4. Ms. Thorat Chandrama Gangadhar 	<p>Date of Filing : 20/08/2015</p> <p>Date of Publication : 11/09/2015</p> <p>Journal No : 37/2015</p>	System for Automated Monitoring and controlling of Unauthorized settlement in Urban Areas using remote sensing.	2015-2016	3171/MUM/2015
9	<ol style="list-style-type: none"> 1. Mrs. Seema Kedar 2. Dr. Bormane Dattatrya Shankar 	<p>Date of Filing : 01/08/2015</p> <p>Date of Publication : 18/09/2015</p> <p>Journal No : 38/2015</p>	System and method for Predicting heat disease risk factors. .	2015-2016	2913/MUM/2015

10	Dr. Mangesh R. Phate	Date of Filing : 10/09/2014 Date of Publication : 25/03/2016 Journal No : 38/2015	A Hybrid Powered Mixed Garbage Disposal And Converter Unit.	2015-2016	2879/MUM/2014
11	1. Tushar Panjabrao Vitalkar 2. Dinesh Y. Dhande	Date of Filing : 07/07/2015 Date of Publication : Journal No :	System and method for increasing compression ratio of SI Engine.	2015-16	2589/MUM/2015
12	Nikhil Phadnis Rohit Nitin Deshpande	Date of Filing : 07/06/2016 Date of Publication : Docket No 14269	System For Protection Of Damage From Moving Vehicles Under Conditions Of Restricted Height.	2016-17	201621019584
13	1. Mrs. Seema Vijaykumar Kedar 2. Dr. Bormane Dattatrya Shankar	Date of Filing : 10/08/2017 Date of Publication : 15/09/2017 Journal No : 37/2017	System and method for Predicting Human Emotional state.	2016-2017	201721028401 A
14	A V Mohod	Date of Filing : 07/01/2014 Date of Publication : 01/08/2016 Journal No :	Treatment of Waste water effluent on a continuous mode using photo-oxidation marble column	2016-17	2130/MUM/2014 A
15	A V Mohod	Date of Filing : 07/01/2014 Date of Publication : 01/08/2016 Journal No :	An imroved advanced oxidation processes for the treatment of waste water containing dyes using waste dry battery/cell	2016-17	2131/MUM/2014 A

16	V R Patil	Date of Filing : Date of Publication : Journal No :	Waste heat recovery by modified Pan support of domestic LPG stove	2016-17	3236/MUM/2014
17	G.P.Lohar	Date of Filing : 1/9/2014 Date of Publication : Journal No :	Crankshaft Less System for Reciprocating Engine Reciprocating Compressor and Recirpocating Pump	2016-17	78/MUM/2014
18	Prof M P Bauskar	Date of Filing : 24/02/2016 Date of Publication : Journal No :	Variable roof and bonnat diffuser	2016-17	201621006374
19	Prof M P Bauskar	Date of Filing : 14/10/2016 Date of Publication : Journal No :	Smart Fuel measuring system	2016-17	201621035109
20	Prof M P Bauskar	Date of Filing : 21/10/2016 Date of Publication : Journal No :	Safe pass through tunnel or any construction	2016-17	201621036033
21	Prof M P Bauskar	Date of Filing : 21/09/2016 Date of Publication : Journal No :	Fail safe circuit for vehicle breakes	2016-17	201621032190
22	S V Chaitanya	Date of Filing : 08/01/2015 Date of Publication : Journal No :	Variable stiffnesss passive suspence system with adjustable spring mount	2016-17	68/MUM/2015

23	S V Chaitanya	Date of Filing : 08/01/2015 Date of Publication : Journal No :	Design & Development of novel passive suspension system for two wheeler automobile	2016-17	3928/MUM/2015
24	A S Jadhav	Date of Filing : 30/08/2016 Date of Publication : Journal No :	A process for preparing ampicillin trihydrate	2016-17	201621029455
25	Laxman Shivaji Godse	Date Of Filing : 10/05/2016 Date Of Publication : 20/05/2016 Journal No :	Low Cost Portable Ball Milling Machine For Grinding Of Electrode Material For Electrochemical Devices Using Motorcycle.	2016-17	201621016253 A
26	Mrs. Seema Vijaykumar Kedar Dr. Bormane Dattatrya Shankar	18/04/2018	Fuzzy Rough Assisted Portable Miniature Diligent E-Heart System For Usability In Rural Areas.	2017-18	Application No: 201821014794
27	Dr. (Mrs.) Patil Vidya Nitin Dr. Chore Hemant Sharad Dr. Sawant Vishwas A.	03/01/2018	Bearing Capacity Model Instrument With Sliding Load Frame.	2017-18	No.201821012237 A
28	Dr. M.H Dhend	27/07/2018	Crowd Puller Motor	2017-18	201821028312
29	1. Mr. Anurag Ramrao Lambor 2. Mr. Ramrao Dhakalu Lambor	02/04/2018 Filing 11/05/2018 published	Automatic Gate Operating Device	2017-18	201821012409

30	Mr. Anurag Ramrao Lambor Mr. Ramrao Dhakalu Lambor	02/04/2018 Filling 25/05/2018 published	Vapourised Gasoline Fuel.	2017-18	201821012419
31	Dr. (Mrs.) Patil Vidya Nitin Dr. Chore Hemant Sharad Dr. Sawant Vishwas A.	26/07/2018 Filling 10/08/2018 published	Tyre Grid Reinforced Embankment Of Pozzolanic Materials	2017-18	201821028112