



**Research & Development Cell (RDC)**  
**BIRLA INSTITUTE OF TECHNOLOGY**  
MESRA, RANCHI, 835 215, INDIA  
(Deemed University u/s 3 of UGC Act 1956)

**Patent Details (Published & Granted)**  
**(Jan 2020-Dec 2020)**

**Total Granted: 05**

| Sl. No.                  | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name  | Title of the Patent   | Applicant/s Name                 | Patent Filed Date (DD/MM/YYYY) | Patent Published Date / Granted Date (DD/MM/YYYY) | Patent Publication Number / Patent Granted Number |
|--------------------------|------------------------|--|--|---|----------------------------------|--------------------------------|---|---|
| 1                        | 1721/DEL/2012          | Granted                                | Dr. Joyjeet Ghose<br>PIE BIT Mesra   | Aluminum Metal Foam and A Process for Preparation Thereof   | BIRLA INSTITUTE OF TECHNOLOGY    | 06.06.2012                     | 09.06.2020  | 338236  |
| 2                        | 5381/CHE/2013          | Granted                                | Dr. Rajiv Kumar<br>SER BIT Mesra   | Hybrid Rocket Engine Having High Regression Rate  | Dr. Rajiv Kumar<br>SER BIT Mesra | 21.11.2013                     | 07.08.2020  | 343577  |
| 3                        | 16/074,963             | Granted                                | Dr. Sudip Das<br>SER BIT Mesra   | Method And Cavity for Suppression Of Cavity Flow Oscillations And Acoustic Loads Using Curved Rear Face                   | Dr. Sudip Das<br>SER BIT Mesra   | 02.02.2017                     | 03.11.2020  | US 10,823207 B2                                   |
| 4                        | 4948/CHE/2015          | Granted                                | Dr. Rajiv Kumar<br>SER BIT Mesra   | Method For Improving the Mechanical Properties Of Paraffin Wax  | Dr. Rajiv Kumar<br>SER BIT Mesra | 16.09.2015                     | 08.10.2020  | 343739  |
| 5                        | 1690/MUM/2012          | Granted                                | Dr. B N Sinha,<br>Dr. Jayaram Pharmacy<br>BIT Mesra, Dr. Sameer Dinkar<br>Kulkarni | Novel Techniques for The Preservation Of The Antioxidant Activity Of Lagenaria Siceraria (Molina) Standley Fruit Extract. | Dr. SAMEER DINKAR<br>KULKARNI    | 11.06.2012                     | 06.11.2020  | 351088  |
| <b>Total Granted: 05</b> |                        |  |  |   |                                  |                                |   |   |