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|  | Pimpri Chinchwad Education Trust's Pimpri Chinchwad Polytechnic (An ISO 9001:2015 Certified Institute) Sector No. 26, Pradhikaran, Nigdi, Pune – 411044. Phone: 27658797/27654156 Email:principal@pcpolytechnic.com |  | Record No. | |
| | | | Revision : 00 | Date: 1/6/18 |
| | | | Page : 01/01 | |
| Department Of Mechanical Engineering | | | | |
| Academic Year 2020-21 | | | | |
| Patent Details | | | | |

Total 14 Patents, out of which 11 patents were registered on 19/09/2020, Which itself an Indian record.

| Sr.No | Title of The Invention | Patent Application Ref.Number | Date of Filing |
|--------------|---|--------------------------------------|-----------------------|
| 01 | Semi Automatic Vehicle lifting Jack | TEMP/E-1/9018/2019-MUM | 05/03/2019 |
| 02 | Solar Operated 360 degree rotating air cooler | TEMP/E-1/30673/2019-MUM | 19/07/2019 |
| 03 | Organic fertilizer spreading machine | TEMP/E-1/38700/2020-MUM | 13/08/2020 |
| 04 | Advanced fertilizer spreading attachment for tractor trolley. | TEMP/E-1/45076/2020-MUM | 19/09/2020 |
| 05 | Comfort seat mechanism for two wheeler passenger rear support seat. | TEMP/E-1/45077/2020-MUM | 19/09/2020 |
| 06 | Semi-automatic board cleaning mechanism. | TEMP/E-1/45080/2020-MUM | 19/09/2020 |
| 07 | Bullock cart load balanced system. | TEMP/E-1/45081/2020-MUM | 19/09/2020 |
| 08 | Hydro-electric hand brake system. | TEMP/E-1/45090/2020-MUM | 19/09/2020 |
| 09 | Train coach entry pathway for physically challenged persons. | TEMP/E-1/45093/2020-MUM | 19/09/2020 |
| 10 | Solid fertilizer spreading machine. | TEMP/E-1/45097/2020-MUM | 19/09/2020 |
| 11 | Automatic train and platform gap adjustment mechanism. | TEMP/E-1/45099/2020-MUM | 19/09/2020 |
| 12 | Duel cable gear shifter mechanism for automotive vehicle. | TEMP/E-1/45131/2020-MUM | 19/09/2020 |
| 13 | Front wheel stub axle assembly for electric vehicle. | TEMP/E-1/45134/2020-MUM | 19/09/2020 |
| 14 | Rear transmission assembly of live axle for electric vehicle. | TEMP/E-1/45138/2020-MUM | 19/09/2020 |

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| Department Of Computer Engineering | | | | |
| Academic Year 2020-21 | | | | |
| Patent Details | | | | |

| Sr.No | Name of Inventors | Patent Title | Docket No | Filing Date |
|--------------|--|---|------------------|--------------------|
| 1 | 1 . Prof. Mrs. Vidya Shivanand Byakod 2 . Prof. Mrs. Mangala Sunil Malkar 3 . Yash Dilip Khadse 4 . Shreya Sunil Kawade 5 . Dev Vikas Juneja 6 . Dhruv Pranav Shah 7 . Ganesh Dnyandeo Dudhe | ADVANCED LIBRARY AUTOMATION SYSTEM | 202021028262 | 02/07/2020 |

