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| PID_170  | MOTION PLANNING OF SERIAL MANUPALATOR USING PSEUDOINVERSE JACOBIAN METHOD | R Yogeshwar Rao$^1$, V. Pandu Ranga$^2$, B. Pattabhi Ramaiah$^3$, Mihir Kumar Pandit$^4$ |
| PID_179  | DESIGN AND DEVELOPMENT OF MOBILE MANIPULATOR FOR SPACE APPLICATION | Rohan Vailala Thoma$^{1a}$, Pandu R. Vundavilli$^{1b}$ |
| PID_288  | Design and development of a Pick and place manipulator as a part of Rubber Ply Handling System for Green Tyre Manufacturing Process | K Deepak$^1$, P Nitheesh Kumar$^1$, V Panduranga$^1$. |