

# PANKAJ KUMAR BARIK

.....

Mail id: pkb0098@gmail.com

Ph no: 8093099058

Address: Tala Telanga Barzar, Post: Purighat

Pin: 753009, Cuttack, Odisha



## OBJECTIVE CAREER: -

To seek a dynamic and challenging career an organization strives for excellence with my knowledge and team effort while making positive contribution to promote the individual opportunity and professional growth.

## ACADEMIC QUALIFICATION: -

| Course Name                    | Institution                                            | University          | Percentage/CGPA | Year      |
|--------------------------------|--------------------------------------------------------|---------------------|-----------------|-----------|
| B. TECH-Mechanical Engineering | C. V. Raman Global University, Bhubaneswar, Odisha     | DEEMED, Odisha      | 7.31            | 2018-2021 |
| DIPLOMA (Mechanical)           | GOVT.POLYTECHNIC, KENDRAPARA                           | (SCTE & VT), Odisha | 65.10%          | 2014-2017 |
| 10 <sup>th</sup>               | Saraswati Vidya Mandir, Gatroutpatana, Cuttack, Odisha | BSE, Odisha         | 71%             | 2014      |

## TRAINING AND EXPERIENCE:

### Creo CAD Skills

- Proficient in Creo CAD software.
- Strong 3D modelling skills for precise component design.
- Assembly expertise for integrating complex mechanical systems.
- Experienced in engineering drawing preparation with attention to industry standards.

## SKILLS:

- Welding
- AutoCAD
- Creo
- Workshop Technology
- Industrial automation

## CERTIFICATION:-

- Welding
- CAD
- Industrial automation

### Projects Undertaken:

- **Mini project on:- Hydraulic Breaking system:** To understand the phenomenon, safety & importance of it.
- **Major project on:- Experimental determination of friction under bulk material deformation :** Friction is resistance to relative motion when one body slides over another. In metal forming operations, both sheet metal and bulk metal forming, friction is undesirable but also unavoidable occurrence. It has negative impact on main process parameters as well as on workpiece quality. In order to obtain accurate results in metal forming experiments or simulations, the precise value of friction has to be known. In this paper several methods for friction evaluations, such as ring test, forward bar extrusion, backward – forward hollow extrusion, twist extrusion is presented and analysed. A new double backward extrusion model is proposed.
- **Studies on localized plastic deformation characteristics through the analysis of turning on mild steel material:** First objective of these project is: To reduce frictional force during metal deformation in forming process. And our second objective is: To analysis plastic deformation characteristic local turning of mild steel material using lathe machine.

### Co-Curricular Activities:

- Participated in Kabaddi matches.
- Team coordinator on major project in college.

## STRENGTH FACTOR: -

*Good strength working with team, strong ability to work creative Determination.*

## **Hobbies and Interests:**

- Glass painting
- Gardening

## **PERSONAL PROFILE: -**

|                |   |                    |
|----------------|---|--------------------|
| Name           | : | Pankaj Kumar Barik |
| Date of Birth  | : | 18/12/1998         |
| Marital Status | : | Unmarried          |
| Gender         | : | Male               |
| Nationality    | : | Indian             |

## **DECLARATION: -**

I do here by declare that the statements made in this document are true to the best of my knowledge and belief.

DATE:

NAME: PANKAJ KUMAR BARIK