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OBJECTIVE

To utilize my core technical competence and act as a solution finder for individual and for organizational growth.

EXAMINATION	University	Institute	Year	CPI/%
Graduation	RGPT	Rajiv Gandhi Institute of Petroleum Technology	2021	7.01(till 6 th sem.)
Intermediate/+2	B.S.E.B	Gaya college, Gaya	2016	72.2%
Matriculation	C.B.S.E	D.A.V. Public School Cantt. Area, Gaya	2014	9.8/10.0 (CGPA)

ACADEMIC PROJECTS

• Research Project:

- ✓ **Nanoscale materials with visible light photocatalytic activity using electrospinning technique.**
Guide: Dr. A. Ranjan (Sep'19-Present)

Literature reviewing about different research paper related to different photocatalytic activity and how to proceed in appropriately.

- ✓ **Herbal corrosion inhibitor aimed to control corrosion with toxic corrosion inhibitors using green inhibitors.**

Guide: Dr. A.K. Choubey (Aug'18-Dec'19)

Study was made on biocompatible inhibitor. Firstly, the extraction and isolation of organic material were done.

Inhibitor corrosion rates and percentage inhibition efficiency was analyzed by the help of weight loss of material. The main objective of this work was to study the inhibitory effects of the inhibitor.

• Academic Projects:

- ✓ **Preference of emoji as non-verbal communication for detailed anatomization for how technology affects the use of emoji, about wrong interpretation and connected analysis.**

Guide: Dr. A. Mukherjee. (Aug'18-Dec'18)

Analysis was done about effect of emoji on formal and informal conversations. I also studied how a more literate person and technology advancement effect on the use of emoji.

- ✓ **Unsteady state temperature profile in Ms-Excel.**

Guide: Dr. M. Kumar. (Jan'18-May'18)

This project was aimed to analyse the freezing of water in underground pipes during winter and also how to effectively use soil or other material for isolation to prevent such a problem.

AWARDS AND ACHIEVEMENTS

- Online course on **Introduction to programming with MATLAB** by Vanderbilt University.
- Lead a team that presented a prototype of smart room (controlling of appliances using Android phone) and secured 1st position held on 21st January, 2018.
- GyanArpan contribution for **60+ hours** in teaching during session 2017-18.
- Ranked in **Top-2%** (among 1.2 million candidates) in IIT-JEE, 2017.
- Ranked in **Top-1.5%** (among 1.3 lakh candidates) in WBJEE, 2017.

TECHNICAL SKILLS

- **Computer skill-** MS Excel, AUTOCAD, C Programming, Python Programming, Matlab.
- **Lab skills-** Vacuum rotary Evaporator, Electrospinning.

POSITION OF RESPONSIBILITY

- **Member of council** of social services. (Aug'19-Present).
- **Publicity head in 'Urjotsav' a technical fest of RGIPT.**
- **Teaching Head** in GyanArpan under **Project Amethi** (Nov'19-Present)
- **Publicity Executive** in IICHE, RGIPT. (Oct'17-Dec'18).

Works to effectively publicize for the attainment of events like 'The placement and Intern talk', 'The defensive measures.

- **ARPAN** volunteer, (Oct'17-Present).
 - i) Actively involved in running FREE-OF-COST evening TEACHING CENTRE for under-privileged children at government primary school, Mukhetiya, Jais.
 - ii) Volunteered in organizing SCIENCE FAIR at RGIPT on 26th January, 2019.
 - iii) Volunteered in BLOOD DONATION CAMP at RGIPT ON 25th March, 2018.

WORKSHOP AND CONFERENCES

Workshop on **Data Science** organised by science and technical' RGIPT in Winter school-2018.