

# MOHNISH KUMAR SAHU



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## CAREER OBJECTIVES

Seeking a challenging position where I could utilize my hard working and technical skills for the mutual growth and benefit.

## EDUCATION

COURSE	INSTITUTE	BOARD/UNIVERSITY	YEAR	REMARK
M. Tech(OELT)	S.O.S. In Pt.R.S.U Raipur	Pt Ravishankar Shukla University Raipur (C,G.)	2022	90.36 %
PGDCA	C.V.Raman R. S.Center Raipur	Dr. C.V.Raman University Bilaspur C.G.	2020	76.6 %
B.E. ( Electronics & Comm.)	Govt. Engineering. College Jagdalpur,	C.G. Swami Vivekanand Technical university, Bhilai	2016	69.29%
Higher secondary	Pro. J.N.Pandey G.M.H.S.School	CGBSE Raipur (C.G.)	2011	74.40%
High school certificate	Shweta Sharma high school Raipur	CGBSE Raipur (C.G.)	2009	73.83%

## DIGITAL TOOLS / SKILLS

PC1D | SCAPS | ORIGIN | C/C++ | Blender | Matlab | Microsoft Office (Word, Power Point, Excel)

## WORK EXPERIENCE / INTERNSHIPS

**APRIL 2018 - APRIL 2019** Act Apprenticeship from SECR Railway , Diesel Loco Shed Raipur  
C.G. and CCAA Exam Passed with 83.07 %.

**JUNE 2015 – JULY 2015** : fundamental of MATLAB , Graphical user interface, simulink etc.  
Complete 4 week of industrial training at logic gate Raipur.

**JULY 2014 – AUGUST 2014** : Doordarshan kendra raipur (D.D.K.) (A unit of A.I.R.)  
Basic knowledge about TV transmitting and Broadcasting, earth station , regional  
broadcasting studio setup, audio video mixing, CCU etc.

## ACOMPLISHED PROJECTS

### M. Tech Project Nov 2021- July 2022

“Fabrication and Characterization of  $\text{MASn}_{1-x}\text{Cl}_x$  Mixed Halide perovskite Solar Cell”

Project Description : In this project we are study about perovskite material and synthesis process of active layer, ETL,HTL and different layer of perovskite solar cell structure. For making highly efficient Solar cell Using Organic Inorganic Hybrid Solar cell.

### Major Project: Feb 2016 – May 2016

"Gas Leakage Detection & Automatic Turn Off System "

Project description: In this project mainly used in home automation purpose, the working of the project are when the gas leakage are sensed by gas sensor, with the help of micro controller we can horn buzzer and display of gas leakage information then stepper motor driver has drive the stepper motor and 90 degree rotate of regulator. Thus the finally gas supply has stopped. And project are working successfully.

### Minor Project: Oct 2015 – Dec 2015

" Student Data Register using MATLAB "

Project description: We can use this project for the store the personal Detail data(as like name, roll nu., enrollment nu. , class etc) of all student of the class And Access the Information data giving single identity as like enrollment nu.

## AREA OF INEREST

Solar PV Technology |Device Fabrication |Optical modeling  
Opto electronics device design and modelling

## LANGUAGES

Hindi | English | local language