

RITIK SACHDEVA

DECEMBER 12, 2000

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CAREERVISION

To work in a professional environment and seek challenging assignment and responsibility with an opportunity for growth and to meet organizational goals.

EDUCATION

Degree	Specializations	University	Percentage
B.Tech	Mechanical Engineering	AKTU	84.6
12th	Science	CBSE	86.8
10th	General	CBSE	91

PROJECTS

➤ Final Year Project - AKTU

Name	Designing, Modelling and Simulation of rotary head of Blast hole drill rig	Team Size	4
Objective	To study the effects of the vital parameters upon the performance of the rotary head system, by comprehensive designing, modelling, simulation and the testing of the rotary head carried out in MATLAB-Simulink environment.		

➤ Research Project – IIT BHU

Name	Research on Heat transfer characteristics of turbulent jet	Team Size	2
Objective	To study the effect of temperature on the heat transfer and to control , to maintain at constant level with use of heat flow transfer control techniques and electrical circuit.		

Technical Skills

- **Programming Language:**C, C++, Front-end Web Development (HTML, CSS, React, JavaScript, Bootstrap).
- **Technologies:**Data structure, Machine learning, Data Analytics.
- **Database:**SQL.
- **Tools:**Minitab, MATLAB.

Workshops

Innovation August-2018

3days workshop organized by Electrical society of AKGEC College

- Designing and building a Line Follower Boot with IR sensors
- Arduino board and motor IC drive used to control the its motion.

Aacar December-2018

3days workshop organized by Mechanical society of AKGEC College

- Workshop objective is to provide understanding of Various Engines and their working by providing vast insight into Engine of Centro, Bullet Engine, Effi Car and Effi Cycle.

Achievements And Participations

- Won bronze medal in IYMC (International young mathematics convection).
- Won a consolation prize in COFAS in a dramatic event.
- State level, National level player and won many medals in speed skating.
- District level, University level player and won many medals in kho-kho and athletics.
- Active member of NGO "Slum Swaraj".

Training & Certifications

- Front-End Web UI Frameworks and Tools: Bootstrap 4: - Coursera
- Building Web Applications in PHP: - Coursera
- Data Analytics for Lean Six Sigma: - Coursera
- Front-End Web Development with React: - Coursera
- Introduction to Programming with MATLAB: - Coursera
- Algorithmic Toolbox: - Coursera

Hobbies

Speed Skating | Kho-Kho | Social Work | Athletics

I hereby declare that above information is true to my knowledge.

Place: Varanasi

Date: 12 June 2021.

(Ritik Sachdeva)