

RADHE M



EDUCATION

MASTER'S CERTIFICATION PROGRAM IN HYBRID ELECTRIC VEHICLE AND ANALYSIS, SKILL-LYNC

2021-2022

B.E (MECHANICAL ENGINEERING)

Technocrats Institute of Technology, Bhopal

2017-2020

Govt. Polytechnic College, Panna (Mechanical Engineering)

2014-2017

Senior Secondary Education (Science)

2013-2014

Secondary Education

2011-2012

SKILL

ANSA
Hyper Mesh
LS-DYNA
Pam-Crash
Ls- pre post
Animator

LANGUAGE

English
Hindi

INTEREST

- Travelling
- Cricket
- Chess
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ABOUT ME

CAE Vehicle Crash Safety Analyst with 3 years of experience in crash simulations, pedestrian safety using LS-DYNA, ANSA, and Hyper Mesh. Skilled in BIW/trim modeling, injury correlation, and countermeasure development as per global safety standards (JNCAP, LNCAP, FMVSS). Proven ability to optimize designs, reduce injury values, and deliver results for OEMs like Renault, Nissan.

WORK EXPERIENCE

EXPLEO Solutions Ltd Onsite Renault-Nissan Tech, Chennai
Dec.2022 - Present

I worked for RNTBCI as a CAE Crash Analyst on full vehicle pedestrian evaluation for various loops and throughout the development cycle.

Experience in handling full vehicle BIW assemblies and modeling complex trim components according to SOP.

Assign full vehicle boundary conditions as per regulation standards and run CAE simulations along with post-processing.

Support Ped-pro tests in line with standard protocols and best practices required to generate CAE prediction models.

- Positioning the impactor as per the test condition with pre-simulations was done first, then injuries such as impact force and HIC were correlated according to the physical test condition for the S-segment passenger vehicle.
- Positioning the impactor as per the test condition, with pre-simulations, was first done; then, injuries like tibia moment, MCL, ACL, and PCL were correlated according to the physical test condition for the S-segment passenger vehicle.
- Development of vehicle form, lot to lot, by applying effective countermeasures and studying the NG area to improve the level for achieving the planned target. Preparing the output report from lot to lot as the digital lot line progresses with vehicle development.

ACHIEVEMENT

Presented by EXPLEO for the outstanding contribution during May-2024.

DECLARATION

- I hereby declare that all the facts given above are true and correct to the best of my knowledge.

Radhe Krishna Mishra
Place: Rewa