



VISHAL YADAV

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PROFILE

An enthusiastic learner and self-creator want to join a challenging career, where one can show their skills and improve their tactics for the betterment of the industrial & educational progress. Recently, certified as an Automation System Engineer from IPCS Automation Institute Chennai. Having short exposure to industry as a Business Development Executive and almost two years of experience is in education as Assistant Professor. Highly, motivated in research and development in the field of automation, expert in various design as well as PLC softwares. A very fast growing technocrat looking to bring my technical and debugging skills to a new team.

EXPERIENCE

- ✓ **SANGAM UNIVERSITY, BHILWARA**
Jan 2020 – Till Now
Assistant Professor | Member Secretary
Mechanical Engineering Dept. | Directorate of Research
- ✓ **GOVERNMENT POLYTECHNIC COLLEGE, BHILWARA**
Sep 2019 – Jan 2020
Guest Lecturer
Mechanical Department
- ✓ **S.D. ENGINEERSTECH PVT. LTD.**
(SHRIJI ROBOTICS PVT. LTD.)
Oct 2018 – April 2019
Business Development Exe.
 - Lead Generation
 - Process Engineering
 - Customer Relationship Management (CRM)
 - Program Management

ACADEMIA

- ✓ **2020 – Till Date**
Sangam University, Bhilwara
Ph.D (Pursuing)
Mechanical Engineering
- ✓ **2016 – 2018**
Rajasthan Technical University, Kota
(University College Of Engineering, Kota)
M.Tech (Machine Design)
In Master's Scored 73.13% (Honours)
Got 2nd Rank In University Merit List.

✓ **2012 – 2016**

Rajasthan Technical University, Kota

(Institute Of Technology & Management College, Bhilwara)

B.Tech (Mechanical University)

In Bachelor's Scored 70.75% (Honours)

✓ **2011 – 2012**

Eden Internation Sr. Sec. School, Bhilwara (C.B.S.E.)

Intermediate (12th)

In Intermediate Scored 61%.

✓ **2008 – 2009**

St. Anselm's Sr. Sec. School, Bhilwara (C.B.S.E.)

High School (10th)

In High School Scored 60%.

CERTIFICATION

- ✓ **Automation System Engineer** 3-month course certified by IPCS Automation, Chennai.
PLCs: - Allen Bradley, Siemens S7 300 & S7 1200, Omron, Keyence, Delta, Schneider, GE-Fanuc, ABB, Mitsubishi.
SCADA: - Schneider Electric, Siemens
Human Machine Interface (HMI):- Allen Bradley, Delta
VFD: - Allen Bradley, Delta
DCS: - Yokogawa Centium CS 3000, ABB 800 F DCS
Hands on practise on PLC wiring, Industrial Networking along with Field Instrumentation & Pneumatics.
- ✓ Industrial Training from **Indo Autotech Pvt. Ltd. Faridabad (Haryana)** in production dept. and learnt robotic welding and robot teaching (programming).
- ✓ STTP on Computational Fluid Dynamics.
- ✓ National Design Competition by CADD centre certification of 2nd level.
- ✓ District level Table Tennis participation certificate and Indian Air Force MIG – 30 Simulator program.
- ✓ Participated in district level Table Tennis tournament.
- ✓ Participated in college Speech Competition organized by Bharat Vikas Parishad.

PUBLICATIONS

- ✓ Published research paper in Wesleyan Journal of Research (UGC care list) titled as “**Molecular Docking Studies to Identify Novel Anti Malarial Drugs.**” Vol. 13 No. 67 March 2021, ISSN: 0975-1386.
- ✓ Published research paper in International Conference on Recent Development in Engineering Sciences, Humanities and Management titled as “**Comparative Thermal Buckling Analysis between Aluminum and FGM Rectangular Plate.**” Vol. No.09, January 2020, ISSN: 2319-8346.
- ✓ Published research book on Amazon KDP titled as “**Thermal buckling analysis of skew, trapezoidal and triangular FGM plates using COMSOL**” ISBN-13: 978-1653639861.
- ✓ Published research paper in International Journal of Advance Research in Science and Engineering as titled “**Buckling and Postbuckling behaviour of FGM plate – A Review**” Vol. No.07, January 2018, ISSN: 2319-8354.

SKILLS

- ✓ 11 PLCs, 2 SCADA, 2HMI, 2VFD software and hardware.
- ✓ AutoCAD & SolidWorks
- ✓ ANSYS & COMSOL Multiphysics
- ✓ Basic MATLAB
- ✓ MS Office & Basic programming
- ✓ Interpersonal & Communication skills
- ✓ Debugging Skills

AREA OF INTEREST

- ✓ Advanced Automation
- ✓ Automation in Manufacturing
- ✓ Finite Element Analysis
- ✓ Solid Mechanics
- ✓ Machine Design
- ✓ Mechatronics & Robotics
- ✓ Functional Graded Materials & Composite Materials.

PERSONAL VITAE

Date of Birth – 21-Nov-1993

Gender – Male

Father's Name – Mr. Ram Bharat Yadav

Nationality - Indian

Language known – English and Hindi

Address – H.No. D/4 MLV Textile Engineering College Staff colony, Pur-Road, Pratap-Nagar, Bhilwara
(Rajasthan), Pin: 311001.

I hereby, declare that all the information furnished above is authenticating to the best of my knowledge.



Vishal Yadav