



# MD JOSIMODDIN AZAD

## Bridge Design Engineer

### CONTACT

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### SOFTWARE SKILLS

- Staad Pro
- Midas Civil
- AutoCAD
- Microsoft Office
- Google Earth
- Adobe Photoshop
- AutoCAD Civil 3D
- Revit

### CODE KNOWN

IRC SP 13, IRC 112, IRC 78, IRC 5, IRC 6, IRC 21, IRC 22, IRC 24, IS 456, IS 875, IS 800, IS 1893, IS 2991, IS 1343.EN 1993 1.4

### HOBBIES

Learn New Skills from Internet

### PERSONAL

### INFORMATION

Father's Name: MD KABIRUL AZAD

Gender: MALE

Nationality: INDIAN

Marital Status: MARRIED

Conversant in: ENGLISH,HINDI & BENGALI

### OBJECTIVE

More than Five years of experience in structural and civil engineering analysis and design. I have past experiences in the practice of structural design in bridges and Culverts. Seeking a position in which managerial and expertise can be put to good use.

### EXPERIENCE & SKILLS

- Analysis, Design & Detailing of RCC, PSC and Steel Composite Girder Superstructures of bridges as per relevant codes.
- Analysis, Design of Substructure and foundation (Open and Pile) for various bridges.
- Estimate & Costing of Bridge for R.D.S.D. Projects.
- Prepare Detailed Project Report of Bridge & Highway for R.C.D.
- Hydrology Calculation for Bridge & Culvert.
- Design & Detailing of Box Culvert as per IRC 112 Codes.
- Prepare Estimate, Costing and BOQ of Bridges.
- Coordinate tasks with CAD technicians to develop design plans and details.
- 3D & 2D modelling and analysis with structural design software's **MIDAS CIVIL & STAAD-Pro**.
- Design knowledge in Post-tensioning PSC I Girder Bridge & Box Girder Bridge by using **MIDAS CIVIL**.

### EMPLOYMENT DETAILS

Employer's Name	Designation with Service time
Design Line Consultancy Services	Bridge /Structural Engineer 01-09-2022-Present
Seacom Skills University	Assistant Professor & Structural Consultant 01-07-2020 to 30-08-2022
Ranchi Design & Consultancy Services Pvt. Ltd.	Design Engineer 01.03.17 to 02.06.20

### EDUCATION

**M.Tech in Structural Engineering** **2018-2020**

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY

Grade Point: 9.13 out of 10

**Dissertation:** Dynamic Response Analysis of Cable Stayed Bridge with Different Shapes of Pylon Using Midas Civil

**B.Tech in Civil Engineering** **2013-2017**

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY

Grade Point: 7.71 out of 10

**Project:** Analysis of Industrial Shed

## **Relevant Project Experience:**

**Project Name:** Construction Of HI Bridge with Bowstring Superstructure over Dhaudia River at Puri, Odisha

**Client:** Odisha Bridge & Construction Corporation Limited (OBCC)

### **Roles & Responsibilities:**

- Design Bowstring Girder of 44 m Effective Span 12.6 m width
- Preparation of GAD, detailed design & drawing of Super Structure.

**Project Name:** Construction of High-Altitude Hill Road to Indo China Border from Umlungzing to ITBP Post Umlungzing in the Union Territory of Ladakh for Itbp.

**Client:** Indo China Border Roads Project, Central Public Works Department, Ladakh

### **Roles & Responsibilities:**

- Preparation of GAD
- Analysis and Design of Steel Composite Plate Girder of 42.30 m span and 9m deck width

**Project Name:** vented causeway of 20.0m long span on nallah at rd (1/800-1/900) dhammi road, nagrota

**Client:** Public Works Department Circle, Jammu

### **Roles & Responsibilities:**

- 3D Model & Analysis of vented causeway of 20.0m long span and 5m width By Midas Civil

**Project Name:** Consultancy services for preparation of feasibility cum detailed project report for strengthening & widening /reconstruction of existing pavement to two lane with paved shoulder including replacement of culverts and bridges of stretch Hunterganj on NH22 to Sultani Ghati(6km) in the state of Jharkhand. Across Batane River at Ch: 1+500 Km.

**Client:** Advanced Planning and Field Survey Division, Road Construction Department, Jharkhand.

### **Roles & Responsibilities:**

- Preparation of GAD, detailed design & drawing.
- Calculate Hydrology of Bridge Location.
- Design of RCC I-Girder of 20.60m span and 16m deck width.
- Assist in Design of abutments & Pire with Open and Pile foundation.
- Checking and finalization of Drawings as per Detailed Design.

**Project Name:** Consultancy Services For Preparation of Feasibility Cum Detailed Project Report for Construction of High Level Girder Bridge Across Canal at Ch: 23+250 Km On Muragabani to Rajnagar Road in Kundahit Block of Jamtara District.

**Client:** Advanced Planning and Field Survey Division, Road Construction Department, Jharkhand

### **Roles & Responsibilities:**

- Preparation of GAD, detailed design & drawing.
- Design of RCC I-Girder of 13.64m span and 16m deck width.
- Calculate Hydrology of Bridge Location.
- Design of abutments with Open foundation.
- Checking and finalization of Drawings as per Detailed Design.

**Project Name:** Consultancy Services for Detailed Project Report for Construction of Foot over Bridge

**Client:** Public Works Department, Goa

### **Roles & Responsibilities:**

- Preparation of GAD, detailed design & drawing.
- Design of Steel Foot Over Bridge .

**Project Name:** Consultancy Services for Preparation of DPR for Widening & Strengthening /Reconstruction of Existing Pavement to Two Lane with Paved Shoulder Including Replacement of Culverts & Bridges Land Acquisition Plan, Resettlement And Rehabilitation Plan & Forest Diversion Proposal of Stretch for Pakur-Maheshpur-Pakuria-Radhanagar-Nalhati (Upto West-Bengal Border) in the State of Jharkhand. Detailed Project Report for Construction of High Level Girder Bridge across Nala at Ch: 33+540 Km on Pakur To Nalhati (Upto West Bengal Border) Road in Maheshpur Block of Pakur District.

**Client:** Advanced Planning and Field Survey Division, Road Construction Department, Jharkhand

**Roles & Responsibilities:**

- Design of RCC I-Girder of 10.52m span and 12m deck width.
- Design of Box Culvert with and without Overburden.
- Calculate Hydrology of Bridge Location.
- Preparation of GAD, detailed design & drawing.
- Design of abutments with Open foundation.
- Checking and finalization of Drawings as per Detailed Design.

**Project Name:** Consultancy Services for Preparation of Feasibility Cum Detailed Project Report for Widening & Strengthening Ranchi Railway Station bridge CH: 1+840.

**Client:** Advanced Planning and Field Survey Division, Road Construction Department, Jharkhand

**Roles & Responsibilities:**

- Design of RCC I-Girder of 4 lanes 24.64m span and 16m deck width.
- Preparation of GAD, detailed design & drawing.
- Design of abutments with Open foundation.
- Checking and finalization of Drawings as per Detailed Design.

**Project Name:** Detailed Project Report for

- 1) Construction of Bridge across Dakagaraha Nala on Harna to Purabtand in Gola.
- 2) Construction Of Bridge Across Subarnarekha River on Jayanti Beda To Mayaldih
- 3) Construction of Bridge Across Ambargarha River on Rakua and Merudaru
- 4) Construction of Bridge across Sandhoya River on Lipia to Parsadih
- 5) Construction of Bridge across Gomat River on Gola
- 6) Construction of Bridge across Gomat River on Gola
- 7) Construction of Bridge across Bhera River on Chotki Koiya and Hohad
- 8) Construction of Bridge across Kuragarha River on Kuragarha To Padriya
- 9) Construction Of Bridge Across Nalkari River On Talatand to Hariharpur
- 10) Construction of Bridge across Pahanbeda River on Sutharpur to Nawatola
- 11) Construction of Bridge across Chutwa River on Parej to Routa
- 12) Construction of Bridge across Khaurahi River on Barka Chumba to Bhatwatand
- 13) Construction of Bridge across Magardaha River on Padriya to Argada
- 14) Construction of Bridge across Moramgaraha River on Barmasia to Digwar in Ramgarh District.

**Client:** Rural Development Special Division, Jharkhand

**Roles & Responsibilities:**

- Preparation of GAD, detailed design & drawing.
- Design of RCC I-Girder of 19.38m 8.45m Carriage width and 18.60 m ,2m Carriage width.
- Design of RCC Retaining Walls and Box Culverts.
- Prepare Estimation, Costing & BOQ of Bridges and Culverts.
- Design of abutments and pier with Open foundation.
- Checking and finalization of Drawings as per Detailed Design.

## **Industrial Training:**

- IIT KHARAGPUR RESEARCH PARK Construction under CPWD for 30 days.
- MOTIJHIL PARK Construction under PWD for 21 days.

## **Declaration:**

I hereby declare that the above mentioned information is correct to best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Gurgaon

*Md. Josimoddin Azad*

(Md Josimoddin Azad)