

FACULTY EXPERTISE OF THE DEPARTMENT :

The following Faculty members of the Department are having experience and expertise in Civil Engineering field viz. Structures, Geotech, Surveying, Transportation, Water Resources, Environmental Engineering & Construction Management etc.

OUR EXPERT FACULTY MEMBERS

1	Prof. Shailendra Kumar
2	Dr. Ashish Kumar Parashar
3	Dr. M. Chakradhara Rao
4	Dr. R. K. Choubey
5	Dr. V.V. S. Surya Kumar Dadi
6	Mr. Nikhil Kumar Verma
7	Mr. Prakhar Modi
8	Mr. Rochak Pandey
9	Mrs. Sonal Banchhor
10	Ms. Ayushi Nayak
11	Ms. Preeti Singh
12	Dr. Kundan Meshram
13	Mr. Vinod Kumar

MODE OF PAYMENT & CONTACT DETAILS:

For Testing/Consultancy charges shall be deposited/processed in accordance with the University norms. For the testing/consultancy work, payment should be made through Demand Draft/RTGS/NEFT in favor of the "Registrar, Consultancy Services, I.T., GGV, Bilaspur" payable at Bank of India at GGV, Koni Bilaspur branch or online mode and a copy of receipt of the same will be submitted to the Department of Civil Engineering, School of Studies (E & T), Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur. (C.G.)

BANK ACCOUNT DETAILS FOR REMITTANCE

Account No : 947410110001063
Name of the Bank : Bank of India
Branch Code : 009474
IFSC Code : BKID0009474
Name of the Branch : Guru Ghasidas Vishwavidyalaya, Bank of India,
Koni, Bilaspur (C.G.)-495009

CONTACT DETAILS

All correspondence shall be made through
The Head of the Civil Engineering Department
School of Studies of Engineering & Technology
Guru Ghasidas Vishwavidyalaya
(A Central University), Koni, Bilaspur (C.G.)-495009

Ph: +91-9425502572, Email: hodcivilengg@ggu.ac.in, Website: www.ggu.ac.in

LABORATORY FACILITIES :



Digital UTM



Fracture Testing Machine



Digital CTM



Flexure Testing Machine



Published by: -

Civil Engineering Department
School of Studies of Engineering & Technology
Guru Ghasidas Vishwavidyalaya (A Central University),
Bilaspur (C.G.)-495009
Web: www.ggu.ac.in



Testing & Consultancy Brochure Department of Civil Engineering

Guru Ghasidas Vishwavidyalaya
(A Central University)
Bilaspur, C.G. 495009



Civil Engineering Department

School of Studies of Engineering & Technology

Guru Ghasidas Vishwavidyalaya

(A Central University)

Bilaspur (C.G.)-495009

DEPARTMENT PROFILE :

Civil Engineering Department of Guru Ghasidas Vishwavidyalaya (GGV), a Central University, Bilaspur (C.G), was started in the year 2008. The department presently offers UG (B.Tech. Civil Engg.), PG (M.Tech. Structural Engineering) and Phd (Civil Engg.) under the School of Studies of Engineering & Technology.

Besides education and research the main objective is to contribute largely to Nation building and also to excel Technologically in National & International arena. The department aimed to impart world class education apart from Research & Testing/Consultancy services.

The department has developed state-of-the-art Infrastructure facility in its various laboratories like Structural, Material Testing, Geotechnical Engg., Transportation Engg., Environmental Engg., Fluid Mechanics & Surveying etc.

Well qualified faculty members with diverse specializations of Civil engineering, i.e. Structural Engg., Earthquake Engg., Transportation Engg., Geotechnical Engg., Environmental Engg., Water Resources and Irrigation Engg., Construction Management etc. are available in the department.

The department offers consultancy services like analysis & design of structures, vetting/proof checking of structural designs/drawings, etc. It also offers testing consultancy services for various construction materials (incl. road materials), soil exploration/testing for buildings, bridges, roads, water characterization etc.

SERVICES BEING OFFERED BY THE DEPARTMENT: TESTING & CONSULTANCY

A-TESTING SERVICES

(i) Cement

- 1 Specific Gravity
- 2 Fineness
- 3 Soundness
- 4 Consistency
- 5 Setting Time
- 6 Compressive Strength

(ii) Concrete Specimens (Incl. Block)

- 1 Dimensions
- 2 Water Absorption
- 3 Density
- 4 Compressive Strength
- 5 Flexural Strength
- 6 Permeability
- 7 Non-Destructive Test

(iii) Coarse & Fine Aggregates

- 1 Specific gravity
- 2 Water absorption
- 3 Density
- 4 Sieve Analysis
- 5 Bulking of Sand
- 6 Impact value

(iv) Concrete Mix Design

(v) Reinforcement (Steel Bar)

- 1 Tensile Strength
- 2 % Elongation
- 3 W/m run

(vi) Ceramic Tiles

- 1 Squareness
- 2 Warpage
- 3 Water Absorption
- 4 Compressive Strength
- 5 Flexural Strength
- 6 Acid Resistance

(vii) SOIL

- 1 Particle size distribution analysis (Sieve & Hydrometer analysis)
- 2 Atterberg's limits
- 3 Moisture Content
- 4 Density Index
- 5 Bulk unit weight
- 6 Compaction
- 7 Plate Load Test
- 8 Standard Penetration Test

(viii) Road Materials

- 1 Flakiness Index
 - 2 Elongation Index
 - 3 Crushing Value
 - 4 Abrasion Value
 - 5 CBR Test
- #### Bitumen
- 6 Penetration
 - 7 Ductility
 - 8 Softening Point
 - 9 Viscosity Index
 - 10 Binder Extraction
 - 11 Stripping Value
 - 12 Flash & Fire Point

(ix) Bitumen Mix Design

(x) Water

- 1 pH Value
- 2 Turbidity
- 3 Solids
- 4 Hardness
- 5 Colour
- 6 Nitrate
- 7 Sulphate
- 8 Chloride
- 9 DO
- 10 BOD
- 11 COD
- 12 Fluoride

(xi) Survey

- 1 Land Survey
- 2 Quantity Survey
- 3 Leveling

B-CONSULTANCY SERVICES :-

- 1 Analysis & Design of Structures.
- 2 Vetting/Proof Checking of Structural Designs/Drawings.