

## Photo Gallery



## G L Bajaj Group of Institutions, Mathura

(Approved by AICTE, CoA & Affiliated to Dr APJAKTU, Lucknow)

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*e-NewsLetter*

**DEPARTMENT OF CIVIL ENGINEERING**



## G L Bajaj Group of Institutions, Mathura

### Vision

To become a Department of excellence that brings out value added civil engineers with high technical competencies and promotes high-end research to meet the current and future challenges in civil engineering discipline.

### Mission

- To create the competency in the students for innovating the ideas and technology for real life problems of the society like safe drinking water, ambient air quality, road traffic safety, materials used in the construction industries, regional available irrigation facilities, disposal and recycling of waste management, health issues arising with rising pollution, etc.
- Developing the analytical ability in students to relate the civil engineering issues to broader social context and also to pursue higher studies.
- To create a conducive environment for research and development activity through collaboration with live projects of the Industry.

### What's Inside



Departmental  
Activities



Faculty  
Achievements



Student  
Achievements

## About the Department

Graduates of the Civil Engineering are known for builders, structural engineers, geotechnical engineers, environmentalist, hydrologist, geologist, surveyor, scientists, executives, developers, urban planner, project managers, policy makers, and senior politicians who facilitate the basic infrastructures to society. These include residential buildings, schools, hospitals, highways, runways, dams, aqueducts, canals, bridges, river navigations, lighthouses, docks and harbours, water and sewerage systems, power plants, and many more.

The Department of Civil Engineering has been training to enhance the knowledge, skills and general competence to the students since 2011 through the academic curriculum of four year degree program of Dr. APJ Abdul Kalam Technical University, Lucknow. Department aims to turn up the students to meet the need of corporate world of civil engineers through academics, extracurricular activities, internships, industrial visits, seminars, projects, talk with expertise within the scheduled framework of the department.

## Departmental Laboratories

- Building Planning & Drawing Lab
- Cad Lab
- Concrete Lab
- Construction Management Lab
- Environmental Engineering Lab
- Fluid Mechanics Lab
- Geoinformatics Lab
- Geotechnical Engineering Lab
- Hydraulics & Hydraulics Machine Lab
- Non Destructive Testing Lab
- Estimation Costing and Valuation Lab
- Structural Analysis Lab
- Structural Detailing Lab
- Survey Lab
- Transportation Engineering Lab

## Mentor's Profiles

Mr. Vimal Gupta, Associate Professor & HOD  
Specialization: Environmental Engineering

Mr. Nishant Kumar, Assistant Professor  
Specialization: Structure

Mr. Dinesh Kumar, Assistant Professor  
Specialization: Structure

Mr. Sachin Yadav, Assistant Professor  
Specialization: Environmental Engineering

Mrs. Nidhi Gautam, Assistant Professor  
Specialization: Geotechnical Engineering

Ms. Karishma Mittal, Assistant Professor  
Specialization: Construction Technology & Management

## Faculty's Contribution & Achievements

**Mr. Vimal Gupta**, Associate Professor & HOD Published a research paper in SCI Journal

**Title:** Multi-stakeholder policy modeling for collection and recycling of spent portable battery waste

**Authors:** Vimal Kumar Gupta, Rajendra Kumar Kaushal, Sheo Prasad Shukla, ( 2018) Volume: 36 issue: 7, page(s): 577-593

**Journal:** Waste Management & Research

**Publisher:** Sage Journals

DOI: <https://doi.org/10.1177/0734242X18773544>

**Karishma Mittal**, Assistant Professor completed FDP of Four week course on Introduction to Remote Sensing through NPTEL by IIT Roorkee.

**Dinesh Kumar**, Assistant Professor Completed Eight week course on Hydration, Porosity and Strength of Cementitious Material through NPTEL by IIT Kanpur.

## Syllabus Evaluation Sheet

Sem	Sub Code	Name of Subject	L	T	P	Evaluation Scheme				End Semester		Total	Credit
						CT	TA	Total	PS	TE	PE		
III	KOE038	Electronics Engineering	3	0	0	30	20	50		100		150	3
	KAS301	Technical Communication	2	0	0	30	20	50		100		150	3
	KCE301	Engg. Mechanics	3	1	0	30	20	50		100		150	4
	KCE302	Surveying and Geomatics	3	1	0	30	20	50		100		150	4
	KCE303	Fluid Mechanics	3	1	0	30	20	50		100		150	4
	KCE351	Building Planning & Drawing Lab	0	0	2				25		25	50	1
	KCE352	Survey Lab	0	0	2				25		25	50	1
	KCE353	Fluid Mechanics Lab	0	0	2				25		25	50	1
	KCE 354	Mini Project or Internship Assessment	0	0	2			50				50	1
	KNC301	Cyber Security	2	0	0	15	10	25		50			
<b>Total</b>			<b>16</b>	<b>3</b>	<b>8</b>							<b>950</b>	<b>22</b>
V	RAS501	Managerial Economics	3	0	0	20	10	30		70		100	3
	RAS502	Sociology	3	0	0	20	10	30		70		100	3
	RCE501	Geotechnical Engineering	3	0	0	20	10	30		70		100	3
	RCE502	Design Of Structure-I	3	1	0	20	10	30		70		100	4
	RCE503	Quantity Estimation And Management	3	0	0	20	10	30		70		100	3
	RCE052	Concrete Technology	3	1	0	20	10	30		70		100	4
	RCE551	Geotechnical Engineering Lab	0	0	2			50			50	100	1
	RCE552	Cad Lab-1	0	0	2			50			50	100	1
	RCE553	Construction Management Lab	0	0	2			50			50	100	1
	RCE554	Concrete Lab	0	0	2			50			50	100	1
<b>Total</b>												<b>1000</b>	<b>24</b>
VII	NOE072	Quality Management	3	0	0	20	10	30		70		100	3
	RCE071	Geology and Soil Mechanics	3	0	0	20	10	30		70		100	3
	RCE078	Ground Improvement Techniques	3	1	0	20	10	30		70		100	4
	RCE701	Design of Structure-III	3	1	0	20	10	30		70		100	4
	RCE702	Water Resources	3	0	0	20	10	30		70		100	3
	RCE751	Non Destructive Testing Laboratory	0	0	2			50			50	100	1
	RCE752	Mini Project	0	0	2			50			50	100	1
	REC753	Industrial Training	0	0	3			100				100	2
	RCE754	Project -1	0	0	6			200				200	3
<b>Total</b>												<b>1000</b>	<b>24</b>

## Our Toppers: Session 2017-18 (Even)

### Second Year

- First: **Sumit Srivastava**
- Second: **Pavan Kumar**
- Third: **Sandeep Kumar Yadav**

### Third Year

- First: **Pavan Kumar**
- Second: **Sumit Kumar**
- Third: **Sandeep Kumar Yadav**

### Final Year

- First: **Shubham Yadav**
- Second: **Geeta Chaudhary**
- Third: **Rijwan Ahemad**

## Students Awards

### Tech-fest

- Pavan Kumar got 1st position in the event Bridge Making at GLB Techno Spectrum 2K18.
- Mohd. Fahad got 3<sup>rd</sup> position in the event Mobile Gaming at GLB Techno Spectrum 2K18.

### Sports

- Mohd. Fahad got 2<sup>nd</sup> position in 4x100m Relay race in Zonal Level Sports Fest by Aktu, Lucknow(25-27 Oct.2018).
- Yash Chaudhary got 1st position in Shotput Events in Zonal Level Sports Fest by Aktu, Lucknow (25-27 Oct.2018).
- Team of Civil Engineering Department got 1<sup>st</sup> position in Kabbadi at GLB Sports Fest 2018.
- Team of Civil Engineering Department got 2<sup>nd</sup> position in Cricket at GLB Sports Fest 2018.
- Team of Civil Engineering Department got 2<sup>nd</sup> position in Tug of War at GLB Sports Fest 2018.



## Student's Paper Publication

Student Pradeep Yadav published a paper on 'Green Concrete using Fly ash, Rice husk and Glass Aggregate' in IJARSE Volume no. 06, Issue 10, PP 166-170, October 2017 ISBN: 978-93-86171-71-9

## Students passed with Honors

Batch	University Roll No	Name of Students
2012-16	1251100025	Rahul Yadav
	1251100040	Yashveer Yadav
	1251100032	Shubham Sharma
	1251100037	Vivek Agrawal
	1251100036	Vijay Sharma
	1251100017	Lalit Kumar Maurya
	1251100010	Arjun Singh

## Industrial Visits/Tours

- Industrial visit at Indian Chamber of Commerce dedicated to the overall infrastructural development of India at Hotel Shangri-La's-Eros Hotel, New Delhi.
- Industrial Tour to Dharamshala, Himachal Pradesh.



## Guest Lectures

- Guest Lecture on Construction Management by Mr. Shivam Dixit, Co-Founder & Director of LoTfy, Inc.
- Guest Lecture on Morden Surveying and Designing, by Er. KP Singh, BimPoja Pvt. Ltd.
- Guest lecture on Developing Entrepreneurial Skill by Mr. Mahdra Gupta, Accredited Entrepreneurial Motivational Trainer by NIESBUD, Noida.
- Joint talk on Developing Ideas to Solve Real Life Problems by Mr. Avinash Jaiswal, Founder- Sampada Ventures and Mr. Sahil Gupta, Co-Founder- Clinchhub.com.



## Academic Activity @ GLB

- Engineers Day Celebration
- Posters and Model Making Exhibition

