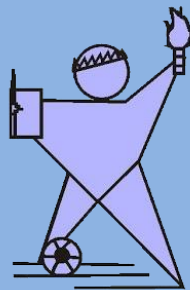


*“The road to success is always under construction”  
Get it right....CIVIL ENGINEERS*



# **IPS ACADEMY**

**INSTITUTE OF ENGINEERING & SCIENCE**

(A UGC Autonomous Institute, Affiliated to RGPV)

**CIVIL ENGINEERING DEPARTMENT**

Knowledge Village, Rajendra Nagar, A.B. Road, Indore (M.P.), 452012  
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Visit us : [ies.ipsacademy.org](http://ies.ipsacademy.org)

## BRIEF INTRODUCTION OF THE DEPARTMENT

- IPS Academy Institute of Engineering & Science was established in 1999.
- The Department was established in 2004.



- **U.G. Program**            B. Tech. in Civil Engineering (Accredited by NBA)
- **P.G. Programs**
  - M.Tech.in Structural Engineering
  - M.Tech.in Construction & Planning Management



- **MISSION**  
To offer outstanding U.G. & P.G. education, research guidance, professional consultancy, outreach and manpower training as well as leadership in Civil Engineering fields.

- **VISION**

Be the preferred destination locally, regionally and internationally for the Civil Engineering society as a leading department providing high quality programs and services in Civil Engineering Fields.



## HIGHLIGHTS

### DEPARTMENT

#### Social Initiatives

- Weather Station installed.

#### State of the Art Laboratories

- Instrumentation Lab
- Heavy Structures Lab( Supported by MODROBS)
- Simulation Lab

#### Life Membership

- Indian Concrete Institute.
- Indian Water Works Association.

#### Student Chapter

- Indian Concrete Institute.

## FACULTIES

- Patents by the Faculties 03
- Book Published by the Faculties 10
- Post Doctoral Program 01
- Special Awards 23
- Paper Published in Journals/Conference (National/International) 200+
- STTP/FDP/Seminars/Workshop Attended 100+

## STUDENTS

- Received Gold and Silver Medals 02
- Received Chancellor Scholarship 07
- Selected in IES and other public Sectors 25+
- Established as an Entrepreneur 100+
- Projects with IEDC (DST) 10
- Paper Published in Journals/Conference (National/International) 250+

## STATE OF ART EQUIPMENTS

- Loading frame
- Shake Table
- FFT Analyser
- Data Logger
- Polariscope
- Weather Station
- Plate Load Test Apparatus



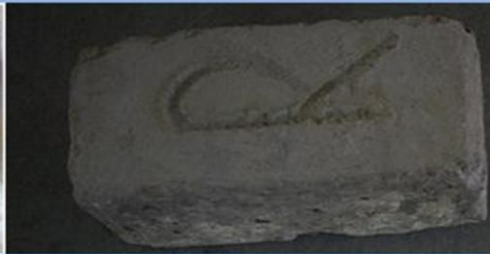
## BEST PRACTICES

- Outcome Based Education
- Waste Management
- In house Training /Assessment for students
- Hands on Training of Software's
- Summer Internship Program
- Design Studio

## STUDENTS' PROJECTS



**Eco Mortar using Polythene Waste**



**Low Cost Building Blocks from Grinded Packaging Waste**



**Low Cost Tiles using Cement-Sand-Slag Composite**



**Porous Paver Block**



**Use of Glass Waste in Concrete**



**Concrete Cloth**

## TRAININGS ORGANIZED

- Auto-Cad
- Staad Pro
- Primavera
- Abaqus
- AFT Impulse
- AFT fathom



## SOFTWARES AVAILABLE

- STAAD PRO
- AUTO CAD
- CIVIL 3D
- PRIMAVERA
- ANSYS
- SAP 2000
- GMS 6.5
- ABAQUS
- AFT Impulse



## LABORATORIES

1. Strength of Materials Lab
2. Engineering Geology Lab
3. Instrumentation Lab
4. Environmental Engineering Lab
5. Transportation Lab
6. Software Lab
7. Fluid Mechanics Lab
8. Surveying Lab
9. Concrete/CMT Lab
10. Geotechnical Engg Lab
11. Theory of Structures Lab
12. Heavy Structures Lab
13. Simulation Lab



## MAJOR EQUIPMENTS AVAILABLE

- Total Station
- UTM & CTM
- Pumps & Turbines
- Benkelman Beam
- Bituminous testing
- Plate Load test
- SCPT
- DCPT
- CBR
- FFT ANALYSER
- DATA LOGER
- POLARISCOPE
- Loading Frame
- Shake Table

## PROGRAMS ORGANIZED

- National Workshops 50+
- Software Trainings 30+
- National Seminars 20+
- Other Events 50+
- Industrial Tours/Visits 50+
- Expert Lectures 250+

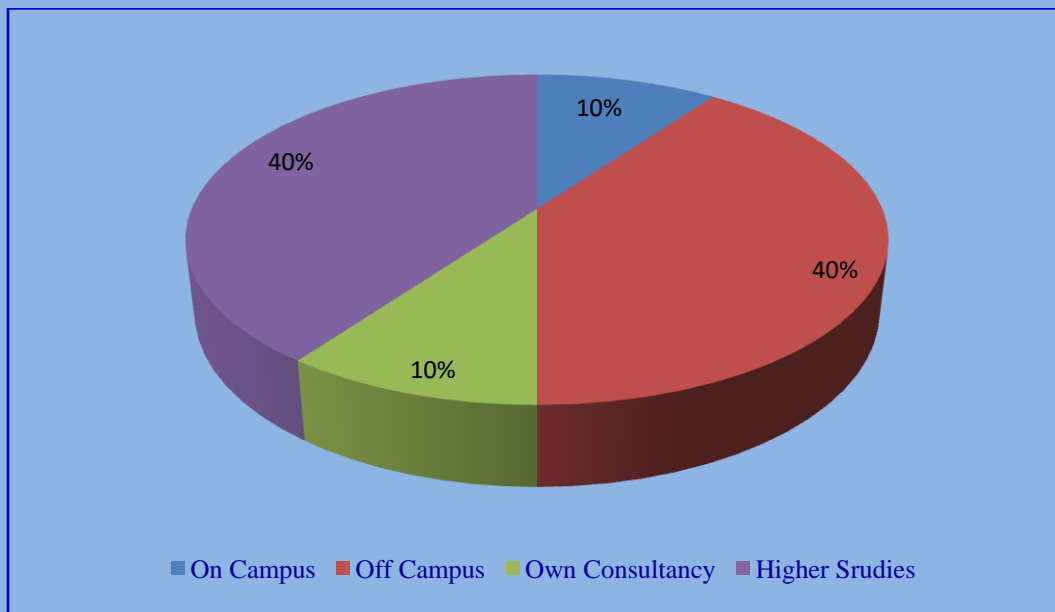


## INTERNSHIP PROGRAM & GRADUATE PREPARATION COURSE

As an initiative to encourage practical exposure of the students on Emerging Civil Engineering Practices and to enhance technical competence of students in demanding areas relevant to placement and professional career thereafter, we are organizing internship program & Design Studio.

### TRAINING / PLACEMENT

The main objective of every institute is to place its students successfully in reputed business organizations. For the same, IPS Academy has a Placement Cell, headed by the placement officer. Up to last year about 80% of the students have been placed or engaged in own consultancy, remaining 20% are pursuing higher studies. But now inclination of more than 40% students is towards higher studies.



### CAREER OPPORTUNITIES

- Airport Authority of India & Defense Forces
- Civil Engineering Software Development Companies
- EDWPL India Ltd, MPRRD, PMGSY etc.
- Business Groups Like L&T, BHEL, Adani, Vedanta, Loyal Steel etc.
- Infrastructure Developer Companies, Development Boards & Municipal Bodies
- Insurance Companies, Banks HDFC, ICICI etc.



**PLACEMENT DETAILS OF SOME STUDENTS**  
(Above 3Lacs Package)

Name of Candidate	Company Name	Total Package (in Rupees) per annum
➤ Vishwas Khurasiya	Webber, LLC, Texas	40.0Lacs
➤ Prajali Soley	Capgemini, Bangalore	18.0 Lacs
➤ Sunil Sangitra	IES	10.8 Lacs
➤ Shashank Sharma	AE-PWD	7.68 Lacs
➤ Rajat Sharma	KEC International Ltd.	6.1 Lacs
➤ Mitendra singh	Eleation Academy	5.5 Lacs
➤ Piyush Khandelwal	Eleation Academy	5.5 Lacs
➤ Abhyudaya Agrawal	Prism Cement	4.5 Lacs
➤ Aditeya Singh	Prism Cement	4.5 Lacs
➤ Aditya Mehta	Prism Cement	4.5 Lacs
➤ Ashwin Bhawsar	Prism Cement	4.5 Lacs
➤ Deepak Garg	Prism Cement	4.5 Lacs
➤ Deepak Garg	Prism Cement	4.5 Lacs
➤ Huned Engineerwala	Prism Cement	4.5 Lacs
➤ Ilyaas Chara	Prism Cement	4.5 Lacs
➤ Kapil Kale	Prism Cement	4.5 Lacs
➤ Utsav Jain	Prism Cement	4.5 Lacs
➤ Uddeshya Sharma	L&T	3.8 Lacs
➤ Yash Goyal	Goyal Construction	3.8 Lacs
➤ Ansh Bhawsar	Bits of Mishchief	3.6 Lacs
➤ Kalpana Chouhan	Sub Engg. - VYAPAM	3.6 Lacs
➤ Sanjay Kag	Kag Design Solutions	3.6 Lacs
➤ Abdullah Mev	A Four Square Design	3.4 Lacs
➤ Gaurav Sharan	Sharan Electronics	3.4 Lacs
➤ Ayush Jain	JMC Projects	3.0 Lacs
➤ Rahul Bhagore	Benfie Pvt.Ltd.	3.0 Lacs
➤ Sumit Raj	Benfie Pvt.Ltd.	3.0 Lacs
➤ Rohit Vikram Singh	V R Construction	3.0 Lacs

## THE TEAM BEHIND

Dr. Archana K. Chowdhary	PhD	Ms.Aditi Patidar	PhD pursuing
Ms.Swatilekha Guha (HoD)	PhD pursuing	Mr.Arpit Sethiya	PhD pursuing
Dr.Keerti K. Chowdhary	PhD	Ms.Anjuri Shrivastava	PhD pursuing
Dr.Amit Sharma	PhD	Ms. Nitya Patel	PhD pursuing
Dr.Devaanshi Jagwani	PhD	Ms. Pallavi Gupta	PhD pursuing
Dr. Veena Baunthiyal	PhD	Mr.Pratyush Motwani	M.E (Trans)
Mr.Vijay Baradiya	PhD pursuing	Mr.Lalitesh Sinha	PhD pursuing
Mr.Ashish Nim	PhD pursuing	Mr.Harshit Jain	M.Tech. (Structures)
Mr R B Chaturvedi	PhD pursuing	Mr.Richa Jain	M.Tech. (Structures)
Ms.Swati Shrivastava	M.Tech.(RS)	Mr.Sumeet Gupta	MBA
Mr.Diwakar Singh	PhD pursuing	Ms.Tanushree Sinha	M.E.(W.R.)
Mr.Apoorv Sarda	M.Tech. (Structures)	Mr. Neeraj Mishra	M.E.(W.R.)
Mr.Harish Kumar Dwivedi	PhD pursuing	Mr.Praveen Dewara	M.Tech.(CPM)
Mr.Sunil S.Harne	M.E (Structures)	Mr.Shivam Nema	M.Tech. (CPM)
Mrs.Sonam Yadav	M.Tech. (Structures)	Mr.Saurabh Jain	M.Tech.(CPM))

## ASSOCIATE VISITING FACULTIES

Dr. A.N. Patel

Dr.O.P.Bhatia

## ASSOCIATES

Dr. Arvind K.Neema (Prof. IIT Delhi)

Mr.Jatashankar Mishra(CSIR)

Dr. Ashish Juneja (Prof. IIT Bombay)

Dr. Abhay Gupta(Era Group)

Dr. Dasaka Murthy (Prof.IIT Bombay)

Dr. J.S.Chouhan (Prof.SATI Vidisha)

Dr.Ashit Saxena(Prof.SATI Vidisha)

Dr.R.K.Shrivastava(Prof.S.G.S.I.T.S.Indore)

Mr.S.P.S.Rajput(MANIT)

Dr.U.B.Choubey (Prof.S.G.S.I.T.S.Indore)