



We  
The **DDAG**

DDAG PRIVATE LIMITED

[www.dhawanacademy.com](http://www.dhawanacademy.com)



## Genesis

**“Dr Dhawan Academy of Geologists”** was founded as a proprietorship firm in May 2019 to mentor young engineering geologists and engineers working on hydro power and other infrastructure development projects. Later in January 2020, it transformed into DDAG Private Limited as a company incorporated under Indian Companies Act 2013 (CIN-U74200UP2020PTC125879) and has its Registered office at Lucknow, Uttar Pradesh. The company is also registered under MSME (UDYAM-UP-50-0053172).



## About the Company

DDAG Private Limited provides consulting and training in the field of Engineering Geology, Geotechnical Engineering, Rock Mechanics and Hydrology for preparation of Feasibility and DPRs for Hydropower, Pump Storage and infra-Projects. The company is also into consulting in Mineral Exploration from Planning of project to preparation of Geological Report including resource estimation. Being an Academy, customized classroom & online training program are integral to the company.

The team at the helm of the affairs of the Academy includes Tens of eminent professionals in the field of infrastructure development and academics in India. Our experts have been captains of infrastructure industry and possess wide experience of working in reputed government, public sector and private organizations in the country like Geological Survey of India (GSI), Central Soil and Materials Research Station (CSMRS), NHPC, SJVN, NTPC, Mineral Exploration Corporation Ltd (MECL), IITs, and various Organization and Academic Institutions. So far, the company has brought to culmination and delivered over sixty projects on Engineering Geology, Engineering, Seismic Parameter evaluation, Training, R&D, etc.

## Objective

- To provide consultancy, training, education, technical know-how of geology, engineering, hydrology, mining, exploration and allied subjects for building Hydro Power, PSPs and other infrastructure projects.
- To help capacity building through mentoring of young geologists as efficient professionals.

## Vision

- Capacity building for Geotechnical Investigations and quality consultancy services for infrastructure projects.

## Mission

- Providing consultancy in Geotechnical, Mineral Exploration, and allied disciplines under the supervision of experienced consultants from the Academy's pool of experts.
- Conducting skill development programs for students and executives.
- Mentoring aspiring young geologists attempting competitive examinations for Government and Public Sector organizations.

## Experience

In a short span of time DDAG has worked for many Infrastructure projects in India and abroad. These include Geo-technical investigations for Hydroelectric projects , PSPs, Rail Tunnel Projects, Designing of Tunnels, Earthen Dam projects Seismic Hazard Assessment (PSHA and DSHA) Studies etc.



# Board of Directors

## DHAWAN, Dr. Gopal

Founder & Chairman, DDAG Private Limited

Consulting Engineering Geologist  
Formerly CMD, MECL  
Formerly Executive Director  
(Geo-tech & Project Investigations), NHPC  
Past President, ISEG



## DEVA, Yogendra

Director & Advisor, DDAG Private Limited

Consulting Engineering Geologist  
Formerly Director (Vol. Retd.), GSI  
Formerly Vice President for Asia, IAEG  
Formerly Secretary & Editor, ISEG



# Organogram

## DDAG Private Limited

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### Meet The Team



#### Dr. Gopal Dhawan

Founder & Chairman  
Former CMD, MECL  
Former ED (Geo-tech & PI), NHPC



#### Yogendra Deva

Director & Advisor  
Former Director (Vol. Retd.), GSI  
Former VP for Asia, IAEG  
Former Secretary & Editor, ISEG



#### R.N. Misra

Advisor  
Adjunct Prof. WRDM, IIT-R,  
Former CMD, SJVN.



#### M. S. N. Murty

Advisor (Accounts & Finance)  
Member, ICAI  
Former Director (F), MECL

### Coordination Team

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#### Ashu Mathur

Project Coordinator  
Former Dy. GM  
(Exploration), MECL



#### Jigyasa Soni

Junior Associate  
(Engineering Geology)

# Senior Visiting Consultants



**Dr. I.D. Gupta**  
Former Director, CWPRS  
Consulting Seismic Design  
Expert



**Mr. Sujit Dasgupta**  
Former DDG, GSI  
Expert Geologist  
(Seismotectonics)



**Dr. Prabhas Pande**  
Former ADG, GSI  
Expert Geologist  
(Earthquake Geology and Seismotectonics)



**Dr. Makarand Bodas**  
Former DDG, GSI,  
Expert-Geology (Deccan Traps)



**Sharique Khan**  
Expert Geotechnical /  
Rock Mechanics

## Technical Team

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**Mugdha Patwardhan**  
Senior Associate  
(Engineering Geology)



**Manmohan Malviya**  
Senior Associate  
(Engineering Geology)



**Harbhajan Singh**  
Associate  
(Engineering Geology)



**Kailash Chandra Sati**  
Associate  
(Engineering Geology)

# Our Projects

So far, the company has brought to culmination and delivered over sixty projects on Engineering Geology, Engineering, Seismic Parameter evaluation, Training, R&D, etc.

## List of Key Assignment

S.No	Project No.	Name of work	Client	Award of work	Status
01	P-12	Preparation of Geology Chapter for DPR of 24 MW Tizu Valley HEP, Nagaland	Manu Energy Systems Private Limited	March 2020	Completed
02	P-22	Geological assessment of Shudh - Mahadev Highway Tunnel in J&K	AFCONS, Mumbai	June 2020	Completed
03	P-49	Finalisation of Grouting Scheme & its methodology for rehabilitation of Existing un-lined Aut tunnel of NH21 Pandoh project from 221.305 Km 242.00 in HP	AFCONS	July 2020	Completed
04	P-54	Geo- technical Appraisal & Remedial Measures for Slide Zone Around the Distressed Zuventus Healthcare Plant in Sikkim.	ZHL, Sikkim	January 2021	Completed
05	P-60	Probabilistics Seismic Hazard Analysis (PSHA) for 72 years, 475 years return periods at bed rock level (base case) and 2475 years shall be as per SBC301 building code. Develop 3 spectrally - matched acceleration time histories at level 2 Analysis, Jeddah South Container Terminal Project, KSA, Dubai	ACES, Dubai	March 2021	Completed
06	P-61	Consultancy under DDAG - DMR JV for Geotechnical, Structural and Hydraulic design and construction drawings for the proposed Earthen Bund in Senegal, Africa	Industries Chimiques Du Senegal, Senegal	June 2021	Completed
07	P-72	Preparation of Feasibility Report (Geology & Geotechnical), Geological Interpretative report (GIR) and Geotechnical Factual Report (GFR) for Tunnel, Thathri-Tissa Highway Tunnel, J&K and Himachal Pradesh	Almondz Global Infra - Consultant Limited	June 2021	Completed
08	P-77	Preparation of Site Specific Seismic Study Report "Kurukutti Pumped Storage Project, Vizianagaram District, Andhra Pradesh	TATA Consultancy Engineering Projects	March 2022	Completed
09	P-88 (Pedakota)	Geological Surface Mapping and Geological Report for DPR of Pedakota Pump Storage Projects, Andhra Pradesh	TATA Consultancy Engineering Projects	December 2022	Completed
10	P-88 (Raiwada)	Geological Surface Mapping and Geological Report for DPR of Raiwada Pump Storage Projects, Andhra Pradesh	TATA Consultancy Engineering Projects	December 2022	Completed
11	P-88 (Rajupalem)	Geological Surface Mapping, Geological Report and Site Specific Seismic Studies for DPR of Rajupalem Pump Storage Projects, Andhra Pradesh	TATA Consultancy Engineering Projects	December 2022	Completed
12	P-91	Surface Geological Mapping & Geological Report for DPR of Nayagaon Pump Storage Projects, Aurangabad, Maharashtra	TATA Consultancy Engineering Projects	February 2023	Completed
13	P-93	Surface Geological Mapping, Geological Report & Site Specific Seismic Studies for DPR of Tarali Pump Storage Projects, Pune, Maharashtra	TATA Consultancy Engineering Projects	March 2023	Completed
14	P-95	Conducting Geological Mapping, preparation of Geological Report, maps etc. and carrying out Site Specific Seismic Studies for Warasgaon Warangi PSP Maharashtra	TATA Consultancy Engineering Projects	May 2023	Ongoing



## List of Training Courses Conducted by DDAG

S.No	Project No	Title	Duration
01	P-01	Short Course on Engineering Geology for Infrastructure Projects	19 - 22 August, 2019
02	P-02	Short Course on Engineering Geology for Engineers	10 -13 December, 2019
03	P-05	OTP - 04 :Tunneling Workshop on Advanced Investigation Tools for Tunnel Projects with AF Academy	15-21 March, 2021
04	P-09	Application of Engineering Geology for Infrastructure Development in the Country at Noida Institute of Engineering & Technology	27 February, 2020
05	P-13	Application of Engineering Geology for investigations of Hydro Power Projects ; Session 01, for Amity University, Noida U.P	21 April, 2020
06	P-17	Career Prospects for Engineering Students for VEC, Lakhanpur, Chhattisgarh	18 - 19 May, 2020
07	P-18	Webinar on Strategy of Investigations for Long Tunnels for Talym	23 May, 2020
08	P-26	Online training for IRCON on Engineering Geology and Geotechnical Investigations for Accelerated Development of Infrastructure Projects	06-17 July, 2023
09	P-27	Online training for UJVNL on Contract Management	23 June, 2020
10	P-38	Online Training Programme for Planing and Investigating Underground Structures from	23 November - 11 December, 2020
11	P-64	OTP-06: Online Training Program on Tunnels & Tunnelling	25 May, 2021
12	P-84	Certificate course in Tunnel and Tunnelling (Collaborative)	June-22 to Dec., 22
13	P-86	Residential Training Program in Engineering Geological Mapping, Banikhet, Himachal Pradesh	11-16 September, 2022
14	P-94	Residential Training Program in Engineering Geological Mapping, Banikhet, Himachal Pradesh	18-24 June, 2023



# R&D Projects under Development

S.No	Project No.	Title
01	P-44	DDAG R&D.01:3D Log App - Geotools*3DLog (App development)
02	P-87	DDAG R&D.02 :GEOTOOLS*INPUT DATA (App Development)
03	P-102	DDAG R&D.03:Televiwer Data Analysis (App Development)



# Company Master Data

CIN	U74200UP2020PTC125879
Company Name	DDAG PRIVATE LIMITED
ROC Code	ROC-Kanpur
Registration Number	125879
Company Category	Company limited by Shares
Company SubCategory	Non-govt company
Class of Company	Private
Date of Incorporation	17/01/2020
Registered Address	C 1835/1A, Rajajipuram, Lucknow, U.P. - 226017 India
MSME No.	UDYAM-UP-50-0053172
GST No.	09AAHCD6224B1ZY
PAN No.	AAHCD6224B





## DDAG Private Limited

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