AET™
ADVANCED EDUCARE & TRAINING

2018

Company Profile

With Association with Design-Aid

Advanced Educare Training Pvt. Ltd.
Plot No-6, Office No-203,204,Arrow Corporate Tower, Sector 14,
Kaushambi, Ghaziabad, Uttar Pradesh 201012

DESIGN AET™ ADVANCED EDUCARE & TRAINING

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COMPANY PROFILE

1. NAME OF THE FIRM

Consultant	Year Established	Country	Type of Organization			
			Individual	Partnership	Corporation	Others
Design-Aid	2004	India	-	-	-	Proprietorship

2. OFFICE ADDRESSES & FACSIMILES

Head Office: -

Project Office
Plot No. 54, Second Floor (Front)
Masoodpur Dairy Farms,
Vasant Kunj, New Delhi-110070
Phone: 011-26897475, Fax: 011-26131933
E-mail: info@designaid.in

Registered Address: -

Advanced Educare Training Pvt Ltd
Plot No-6 Office No-203,204, Arrow Corporate Tower,
Sector-14, Kaushambi, Ghaziabd
India-20110
Email:info@adv-educare.com
www.adveducare.com

3. NARRATIVE DESCRIPTION OF FIRMS

Design-Aid was established in year 2004 to cater for consultancy services in the field of highway engineering. Design Aid provides a fully integrated Engineering Consultancy Services covering feasibility study, detailed engineering, project planning, management and safety audit of highway infrastructure projects. Design-Aid's responsibility extends from preliminary investigation and reports through to detailed design, specification, the calling and evaluation of tenders, supervision of construction, safety management and finally the handing over of the completed projects to the client.

In the past 14 years, Design Aid has been actively involved in many major highway projects in India, Afghanistan, Bangladesh and Sri Lanka. The company has assembled a team of experts, who have successfully completed the major infrastructure projects. This expertise is available for planning, designing and safety audit of highway infrastructure projects.

Projects handled by firm and key staff include feasibility study, detailed engineering design, technical specifications, bill of quantities, cost estimation, optimal design solutions for DBFO/BOT projects, design review, road safety audit, institutional strengthening and capacity building for infrastructure projects on DBFO, BOT, EPC contracts or projects funded by multi-lateral agencies (ADB/The World Bank).

The company is registered vendor with The World Bank, empanelled with MoRTH for preparation of Detailed Project Report and with National Highways Authority of India for Road Safety Audit of National Highways.

The Company presently provides engineering services for highway & traffic/transportation projects.

4. MANAGEMENT OF DESIGN AID

Key Management Personal:

Name	Position	Educational Qualification	Experience
Mr. Prashant Joshi	Proprietor	BE, M.Tech., MBA	24 Years
Dr. Jai Ballabh Ghildiyal	Director	M.Sc. (Geology), Ph.D., Post Graduate Diploma in GIS	24 Years

Key Experts:

Name	Position	Educational Qualification	Experience
Dr. S.M. Sarin, (Retd. Dy. Director, CRRI)	Sr. Advisor - Road Safety & Traffic Engg	BE, MA, ME, MSc., Ph.D.	40 Years
Dr. Sunil Bose, (Retd. Dy. Director, CRRI)	Sr. Advisor - Pavement & Material Characteristics	B.Tech, M.Tech., Ph.D.	33 Years
Mr. Prashant Joshi	Highway & Traffic Engineer	BE, M.Tech., MBA	24 Years
Dr. Jai Ballabh Ghildiyal	Geology and Geotechnical, GIS & CAD Specialist	M.Sc., (Geology), Ph.D., Post Graduate Diploma in GIS	24 Years
Mr. R. J. Suryaprakash	Bridge/Structural Engineer	B.Tech, M.E.	15 Years
Ms. Nausheen Khan	Highway Engineer / Quantity Surveyor	B.E.	15 Years
Mr. Abhilash B.R.	Highway Engineer / Road Safety Auditor	B.E., M.Tech.	10 Years
Ms. Darshan Joshi	Engineer	B.E.	5 Years
Mr. Sanjay Mishra	Survey Engineer	Diploma	20 Years

PROFILE OF SENIOR EXPERTS

(i) MR. PRASHANT JOSHI

Mr. Prashant Joshi has holds a Degree of BE (Civil, Vikaram University Ujjain) and M.Tech. (Highway & Traffic Engineering, IIT Kharagpur) and MBA (IIT, Delhi). He has over 24 years experience in planning, design, construction supervision, evaluation and quality assurance of varying nature of highway/transportation engineering consultancy and research projects in India, Malaysia, Sri Lanka, Bangladesh, Nepal and Afghanistan. Has worked on several Feasibility study & detailed engineering design projects funded by The World Bank, Asian Development Bank and Private financed toll road projects and is familiar with the financial/economic evaluation of road projects. Has a thorough knowledge of computer based highway design, particularly CAD applications for processing of survey data and road geometry? These CAD applications ensure quick and flexible data handling, engineering design drawing production and extraction of data for contract documentation.

(ii) DR. JAI BALLABH GHILDIYAL

Dr. Jai Ballabh Ghildiyal holds M.Sc. (Geology) & Ph.D., HNB Garhwal University, Srinagar Garhwal) and Post Graduate Diploma in Geographic Information System (GIS). He has over 24 years' experience in Geological & Geotechnical field, Geographic Information System (GIS) and Computer Added Design (CAD) applications for infrastructure projects. He has been primarily responsible for geological & geotechnical related work, engineering software implementation and setting up project based CADS standards, project data management and retrieval system.

(iii) DR. SURENDRA MOHAN SARIN

Dr. Surendra Mohan Sarin is former Dy. Director & Head of Environment, Road Traffic Safety Division and Traffic & Transportation Division of Central Road Research Institute (CRRI) New Delhi with 40 years of experience in Traffic & Transportation Engg and Road Safety. He holds BE (Civil, University of Jodhpur), ME (Highway Engg, University of Roorkee), MSc. & Ph.D. (Transportation and Environment, University of Birmingham UK). He has worked as road safety specialist on number of projects funded by The World Bank, ADB, NHAI and DBFO/BOT projects on PPP (Public Private Partnership).

(iv) DR. SUNIL BOSE

Dr. Sunil Bose is former Dy. Director, Flexible Pavement Division and holds B.Tech (Hons), M.Tech & Ph.D. from Indian Institute of Technology Kharagpur. He has over 30 years of experience in the field of pavement materials, quality control, and design. He has got deep insight in pavement material characterization, performance, assessment of testing results, recycling and use of pavement admixtures. He is familiar with modern construction methods & material use of quality assurance Systems in highway projects.

(v) MR. R.J. SURYAPRAKASH

Mr. Suryaprakash holds B.Tech (Civil) from, R.V.R & J.C. College of Engineering, Guntur and M.E. (Structural Engineering) from Government College of Technology, Coimbatore (TN). He has over 15 years of experience in design of highway bridges and flyovers.

(vi) MR. ABHILASH B.R.

Mr. Abhilash B.R. holds B.E. (Civil) from Jawaharlal Nehru National College of Engineering (JNNCE), Shimoga and M.Tech (Transportation Systems Engineering) from National Institute of Technology (NITK), Surarthkal, Karnataka. He has over 10 years of experience in Highways, Transportation and Road Safety projects.

(vii) MS. NAUSHEEN KHAN

Ms. Nausheen Khan holds B.E. (Civil) from Jamia Milia Islamia. She has 15 years of experience in highway geometric design, quantity estimation and road safety.

(viii) MR. SANJAY MISHRA

Mr. Sanjay Mishra holds Diploma in Civil Engineering and has 20 years experience in topographical survey using modern techniques such as GPS, Total Station, EDMs, and Auto Level etc. His responsibility includes preparation of survey methodology and QA Plans, preparation of topographic survey maps.

5. NAME OF PRINCIPALS TO CONTACT: TITLE AND TELEPHONE NOS.

Mr. Prashant Joshi, Proprietor / Highway Engineer,

Tel No: +91-11-26897475, +91-9811552380 (Mobile)

LIST OF RELEVANT EXPERIENCE

Sl. No	Project Name	Client	Country	Features	Years of Services	Nature of Services
1.	Consultancy Services for Preparation of detailed Engineering for the EPC Project "Two lane with Paved Shoulders of Kalwakurthi (NH-765 Junction Start) to Mallepally Section from KM67.000 to KM 114.205 in the State of Telangana.	JRC-KCVR Projects/ Ministry of Road Transport & Highways (MoRTH)	India	Rehabilitation and up - gradation of 47 Km road with bituminous pavement overlay, toll plaza with rigid pavement, 11 bridges over 50 culverts.	April 2017-Date	Detailed engineering design including, inventory & condition survey, topographical surveys, soil & material investigation design of road geometrics, pavement & overlay design, bridge and structural design, storm water drainage design.
2.	Proof Checking Consultant for Rehabilitation and up-gradation of NH-78 from Km 468.600 to Km 531.250 (Pathalgaon to Kunkuri Section) in the state of Chhattisgarh to two-lanes with paved shoulders under NHDP-IV through (EPC) basis.	P.W.D. Raipur, Chhattisgarh	India	Rehabilitation and up-gradation of 62.6 Km road section with 3 major and 12 minor bridges, 100 culverts. Rigid pavement construction..	Feb 2017-Ongoing	Proof checking of design and drawings as per provision of EPC contract technical schedules, IRC standards, guidelines.
3.	Proof Checking Consultant for Rehabilitation and up-gradation of NH-78 from Km 373.505 to Km 469.300 (Ambikapur to Pathalgaon Section) in the state of Chhattisgarh to two-lanes with paved shoulders under NHDP-IV through (EPC) basis.	P.W.D. Raipur, Chhattisgarh	India	Rehabilitation and up-gradation of 96.8 Km road. 5 major bridges, 16 minor bridges, RoB, 180 culverts. Rigid pavement construction for 70 Km length.	Feb 2017-Ongoing	Proof checking of design and drawings as per provision of EPC contract technical schedules, IRC standards, guidelines.
4.	Detailed Project Report for forming 6-Lane Ring Road along with link roads (7.5 Km) around Yadadri Temple along with New Ghat Road (1 Km)	Government of Telangana, Roads & Building Department	India	6-Lane Ring Road around Yadadri Temple and link roads.	Dec 2016-March 2017	Detailed Project Report (DPR) including filed surveys, design and drawings detailed cost-estimates
5.	Consultancy Services for preparation of Detailed Project Report (DPR) for Improvement of Single Lane and Double Lane Roads of R&B Roads Division, Hyderabad in Rangareddy District of Telangana State – Package-I (R&B Vikara-bad Division)	Government of Telangana, Roads & Building Department	India	Detailed design of 94.8 Km two lane roads in Rajareddy district of Telangana State.	2015-2016	Detailed Project Report (DPR) including filed surveys, design and drawings detailed cost-estimates
6.	Safety Consultants for Operation & Maintenance of Palanpur-Radhanpur-Samkhiyali section of New NH-27 from Km 340 to Km 601 on OMT basis in the State of Gujarat	NHAI	India	259 Km four lane project	2014 Ongoing	Design Review, Safety Audit of highway, preparation of check lists, Gap reports and Safety Audit reports
7.	Road Safety Consultants for 2-lanning with paved shoulders of Raebareilly-Allahabad Section of NH-24B (106 Km)	NHAI	India	106 Km long 2-lanning project with 3-bypasses, 1-ROB	2014-Ongoing	Design Review, Safety Audit of highway, preparation of check lists, Gap reports and Safety Audit reports

Sl. No	Project Name	Client	Country	Features	Years of Services	Nature of Services
8.	Multi-sector Project for Infrastructure Rehabilitation in J&K (ADB Loan No. 2151-Ind)	URS Scott Wilson/J&K Economic Reconstruction Agency	India	Improvement of Urban and Road Transport Infrastructure in J&K	2011-2013	Study on sustainability of roads and bridges, possible establishment of a road fund for operation and management (O&M) of transportation assets of J&K State and provide assistance in setting up RMS (Road Management System in J&K)
9.	Feasibility Study of Multi-Modal Corridor (MMC) from Virar to Aulibag,	LBG Inc/ Mumbai Metropolitan Regional Development Authority (MMRDA)	India	Feasibility study for 165 Km of MMC with railway metro, BRTS, motorized and non motorized traffic lanes	2010-11	Geometric design, cost-estimation, feasibility study
10.	Consultancy Services for Preparation of Feasibility study for 6/4/2 lane with paved shoulder of Bhavnagar-Pipavav- Porbandar-Dwarka section of NH-8E in the State of Gujarat (approx length 445 km)	Stup Consultants Pvt. Ltd/National Highways Authority of India	India	It is a upgrading / capacity augmentation of existing 2-lane road to six/four/two-Lane with paved shoulder corridors considering the traffic demand and safety aspects. Proposed solutions to be feasible, constructible and manageable.	2010-11	Provided Services of Team Leader responsible for planning of activities, coordination, of engineering surveys & investigation and study result of the Feasibility Study.
11.	Design Review of RSAP II Road	The World Bank	Sri Lanka	Review of Highway Design of Ambepussa-Dambulla and Kantale-Trincomalee road under World Bank Road Sector Assistance	2010-11	Review of highway design and drawings carried out by Sri Lanka Road Development Authority
12.	Consultancy Services for Traffic Estimation of Zirakpur-Parwanoo Project	Himalayan Expressway Limited (Jaypee Group)	India	Estimation of future Traffic Projections & toll revenue estimation for project road section of NH-22 on BOT (NHDP Phase III) through Punjab, Haryana and Himachal Pradesh State.	2011	Traffic Volume counts, Origin & Destination Survey, Willingness to Pay survey estimation of future diverted and generated traffic, future toll collection revenue
13.	Short Term Traffic & Transportation Engineering Measures for Luck now & Kanpur	Urban Mass Transit Company Ltd. (JV of MoUD Govt. of India, Govt. of AP, APSRTC, and IL&FS)	India	Junction improvement, road safety and traffic management measures.	2011	Design of Junction layouts, provision of road furniture, safety measures, cost-estimation (BoQ)
14.	Pre-Tender Consultancy Services for Tindivanam-Krishnagiri Section of NH-66	KNR Constructions Ltd.	India	Two Laning of 182 Km road section of NH-66 under NHDP phase III in Tamilnadu State	2011	Preliminary engineering, preparation of Bill of Quantities and Cost estimation
15.	Road Design & Drainage Design for BRTS Corridor at Indore	Neeraj-Pratibha JV	India	11.5 km of Urban Road section having physical separated multiple lanes - bus lane, motor vehicle lanes, cycle track, footpath and service roads	2008-09	Road Design, Mapping of utility services, preparation of vertical profile, cross-sections, drainage design for multiple lanes of BRTS work

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16.	Detailed Design and Preparation of Bid Document for Construction of Rajkot Pilot BRTS Corridor	SG Architects/UMTC	India	10.7 km of Urban Road section having physical separated multiple lanes - bus lane, motor vehicle lanes, cycle track, footpath and service roads	2007-2010	Preparation of Bid Documents, Alignment design, design modification during construction
17.	BRTS Jaipur	CES(I) Pvt Ltd/PDCOR	India	40 Km of Urban roads	2007-2008	Alignment design geometrics, Bill of Quantities
18.	BRTS Delhi pilot corridor from- Ambedkar-Nagar to Delhi Gate	B. Sinnaiah & C&C Ltd.	India	Construction of Central Bus lane for Plying of High Capacity Bus Systems being introduced in Delhi	2006-2008	Detailed Design of Road Alignment, Profile etc. Working out elevations on Architectural layout drawings.
19.	6-Laning of Chennai-Tada Section of NH-5	SNC-AARVEE JV/NHAI	India	Widening (6 Laning) of 44 Km section of NH-5 (Chennai-Tada Section) under construction through DBFO contract	2009-2010	Review of highway design and drawing from DBFO Concessionaire
20.	Design of Old Mughal Road	Hindustan Construction Company	India	80 Km of 2 lane road in Mountainous terrain of J&K State Joining Poonch to Srinagar Valley	2008-2011	Detail design and design solutions during construction
21.	Institutional Strengthening and Capacity Building of Chhattisgarh State Road Sector	Louis Berger Group Inc.	India	Asian Development Bank (ADB) Technical Assistance Project	2008-2009	Providing services of Highway design engineer, Road Safety –Audit, Providing training to PWD staff on road maintenance
22.	Pre-Tender Engineering Consultancy Services for Patahnkot -Amritsar Section of NH-15	Oriental Structural Engineers Pvt. Ltd.	India	Review of feasibility study report, available design & drawings. Assessment of realistic designs based on available data and preparation of BOQ for tender purpose meeting requirements of RFP	2008-2009	Providing assistance to client in the bidding process
23.	Pre-Tender Engineering Consultancy Services for Haryana State Roads	Oriental Structural Engineers Pvt. Ltd.	India	Review of feasibility study report, available design & drawings. Assessment of realistic designs based on available data and preparation of BOQ for tender purpose meeting requirements of RFP	2008	Providing assistance to client in the bidding process
24.	Traffic Estimation on Taj-Expressway and Eastern Peripheral Highway	Jai Prakash Associates Limited	India	Estimation of future Traffic Projections for next 40 years on the proposed expressways in the NCR	2007-2008	Traffic Volume counts, Origin & Destination Survey, Willingness to Pay survey estimation of future diverted and generated traffic, future toll collection revenue.

Sl. No	Project Name	Client	Country	Features	Years of Services	Nature of Services
25.	Extension of Taj-Expressway Project	Jai-Prakash Associates Limited	India	Detailed design of proposed extension of Taj-Expessway from NH-2 Junction to Fatehabad Road (13 Km) including Layout and General Arrangement Drawings of Clovrleaf Interchange, Trumpet Interchange and Bridge over Yamuna river	2006 – 2007	Detailed Design & drawing, Estimation of quantities & costs.
26.	Proof Checking of Western Peripheral Expressway (KMP Expressway)	D.S. Constructions Limited	India	Review/proof checking of road design and drawing carried out by design consultants for KMP Expressway (Delhi's Western Peripheral Expressway) in Haryana	2007-2008	Detailed review of alignment design and interchange layout, optimizing alignment design in small section in hilly terrain
27.	Chittagong Port Trade Facilitation Project-Connector Road	SMEC Bangladesh	Banglad esh	Detailed Design of 1.4 Km of road having 1km of via-duct over passing Railway line, Saltgola Junction and bridge over Mohesh Khal River through Chittagong urban area	2006-2007	Detailed Design & drawing,
28.	Conceptual Layout of Ring Road Bypass on Mughal Bundh Road in Delhi	Delhi PWD	India	Construction of new road through left bank (Mughal Bundh) of Yamuna River has been proposed on ring road to bypass Rajaghat Area	2007	Detailed Layout & drawing,
29.	Transport Sector Evaluation Study for India	Asian Development Bank (ADB)	India	Technical Evaluation of ADB's assistance in Transport Sector in India	May-August 2006	Study of Indian Transport Sector identifying Technical issues
30.	Design of approach road to Sri Sailam Left Bank Canal Tunnel Scheme	Jai Prakash Associates Limted	India	Design of approach road to proposed tunnel on left Bank of Krishna River at Srisailam in A.P.	2006	Detailed Design & drawing, Estimation of quantities.
31.	Old Mughal Road	Construma Consultancy Services	India	80 Km of 2 lane road in Mountainous terrain of J&K State Joining Poonch to Srinagar Valley	2005-2008	Detail design and design solutions during construction
32.	Rajasthan Mega Highway Project	MSV International Inc.	India	Design of 138 Km of Rajasthan State Highway in Barmer District (Pachpadra to Ramji ki Gol)	2006-2007	Detail design and design solutions during construction
33.	Delhi Gurgaon Expressway	JAYPEE-DSC Ventures Ltd.	India	28 km of 8/6 lane dual carriageway road on BOT including 11 flyovers and 2 underpasses	2002 – 2006	Detail design and design solutions during construction
34.	Four Laning of NH-57 from Muzzafarpur to Darbhanga	Mahindra Raj Consultants Pvt. Ltd.	India	DPR for aprox 60 km of road in the flood plains in Bihar state	2004-2005	Detailed design and drawing

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35.	Raipur Durg Section of NH6	D S Constructions Ltd.	India	Construction of approximately 26 km four lane highway with one river crossing , one canal crossing and one ROB. BOT Project	2003-2005	Detail design and design solutions during construction
36.	Delhi-Metro Rail Project-Restoration of road in package MC-1	L&T Ramboll Ltd.	India	Restoration of Road work for cut & cover section of Delhi-Metro works by IMCC.	2005	Design for road restoration work
37.	Kochin Port Connectivity Project	Dalal-Mott Macdonald Ltd.	India	Construction supervision for 10 Km of NH-47 with bridges (5 nos) on backwaters of Arabian Sea.	2004-2006	Highway Design Engineer in construction supervision
38.	Pedestrian Subway at Govindgarh	Central Road Research Institute (CRRI)	India	Detailed Project Report and Tender documents for the construction of subway at Bank of India/Bus Station crossing in Govindgarh (NH-1) in Punjab State	2004	Detail structural design, architectural finish, lighting and bid documents
39.	Approach to Dwarka Dwar ROB	L&T Ramboll Ltd.	India	Design of 4 lane approach to Dwarka Dwar ROB including underpass near Palam Airport in New Delhi	2003-2004	Detail design
40.	Ranchi ring Road	MSV International Inc.	India	60 km of 6 lane dual carriageway road	2003-2004	Detail design
41.	West Bengal Corridor Development	Louis Berger Group	India	100 km of 2 lane road	2002-2003	Tender Documents and Drawings
42.	Kandhar-Spinboldak Road in Afghanistan	MSV-LRP JV.	Afghanistan	103 km of 2 lane road	2003-2004	Detail design
43.	Pule-e-Khumuri to Sherkhan-Bandar	Louis Berger Group	Afghanistan	60 km of 2 lane road	2003	Tender Documents and Drawings
44.	Kabul -Kandhar- Road in Afghanistan	MSV-LRP JV.	Afghanistan	80 km of 2 lane road	2003-2004	Detail design