

Bio-Data

1. Name Prof Pradeep Purohit.
2. Date of Birth 17.06.1962.
3. Designation Professor in Civil Engineering.



4. Degree Obtained			
University	Degree	Year	Field of Specialisation
Devi Ahilya Vishwavidyalaya Indore	B.E(Civil)	1983	Civil Engg Subjects
Barkatullah Vishwavidyalaya Bhopal	M.Tech	1993	Stress and Vibration Analysis of structures.
Rajeev Gandhi Proudiki Vishwavidyalaya M.P. Bhopal	Ph.D	2017	Prestressed Concrete Structures.

5. Employment Record (Starting from present position)			
University/College	Designation	Pay Scale	Period (From-To)
S.A.T.I (Deg) Vidisha	Professor	49830+10000	from 01/07/2017 9.01.1996 as(Lecturer)- continue
S.A.T.I (Deg) Vidisha	Research Assistant	1500/-	12.09.91 -8.01.1996
College of Engg Shada(M.S)	Lecturer in civil engg	940-1600	19.8.1985 -30.6.88
K.B.P. Polytechnic Kopargao n(M.S)	Lecturer in civil engg	650-1550	1.11.84 – 30.4.1985

6. Other related experience- research-Industrial		
Organisation	Designation	Period
Nagar Nigam Bhopal/Nagar Palika Vidisha(M.P)	Registered Engineer	1.7.88 -11.9.91
S.A.T.I Vidisha(M.P).	Research Assistant	12.09.91 -8.01.1996

7. Publications				
Paper published in referred journals	Paper presented in conferences	Review papers	Books	Shortterm courses/Training programme
03	07(National conference)	Nil	Nil	12

8. Consultancy	Sponsored Research activities.
Nil	Low cost Building Materials and construction techniques through CETDEC S.A.T.I. Vidisha. (M.P)
9. Fellowship of Academic bodies and professional societies.	Nil
10. Membership of scientific and professional societies.	AMIE(India)-44677-RAM
IET-The institution of engineering and technology	MIET-1100298425
11. Honours and Awards	Nil

12.No of Ph.D/M.Tech guided	Nil/completed-18, working-02
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13.List of Conferences and paper presented/Short-term courses participated and paper published.

Conference attended and paper presented

Sr No	Conference	Paper presented
1	Seminar cum integrated training programme on low cost building materials and housing at S.A.T.I Vidisha from 16-19 Sept 1991.	01
2	National Seminar on quality assurance in technical education-challenges of New economic policy at S.A.T.I Vidisha from 28-29 Jan 1995	01
3	National conference on TQM in technical education and first I.S.T.E state convention from 21-22 Dec 1996 at M.A.C.T Bhopal	01
4	National seminar and second M.P. state convention of I.S.T.E state from 21-22 March 1998 at S.A.T.I. Vidisha.	01
5	National seminar on Recent trends in energy efficient lighting systems from 5-6 Feb 1999 at S.A.T.I. Vidisha.(M.P)	01
6	National seminar on solid waste management from 26-19 Oct 1999 at S.A.T.I. Vidisha.(M.P)	02
7	National conference on "Trends and challenges in applied science and Engineering" 23-24 January 2014 at SATI Vidisha	01
8	National conference on "Recent Innovative and advanced materials" 29 January 2015 at AMPRI Bhopal	
9	National mathematics day Seminar on "Mathematical methods in Science &Engineering"held on 22Dec 2016 At SATI Vidisha	01
10	Regional conference on Environment 2017 from 29/07/2017 to 30/7/2017 at RCVPNoronha academy Bhopal	

Conference organised

Sr No	Conferenceorganized.
1	Quality Assurance for construction of cement concrete Roads in M.P on 15 Sep 2013 at SATI vidisha member of organisingcommittee

List of paper presented/published in Conferences

1.Title- Use of Stabilised soil in house construction
Author- A.G.Krishnamurthy,A.K.Jain,Pradeepurohit ,S.saraswat,J.S.Chauhan.
Conference- Seminar cum integrated training programme on low cost building materials and housing at S.A.T.I Vidisha from 16-19 Sept 1991.
2.Title- Education and Economy.
Author- A.G.Krishnamurthy, Pradeep purohit
Conference- National Seminar on quality assurance in technical education-challenges of New economic policy at S.A.T.I Vidisha from 28-29 Jan 1995
3.Title-TQM & Principles of system approach.

Author- A.G.Krishnamurthy, Pradeep purohit
Conference- National conference on TQM in technical education and first I.S.T.E state convention from 21-22 Dec 1996 at M.A.C.T Bhopal
4.Title-Shortage of Faculty:(Crisis & Remedies)
Author-Pradeep purohit,J.S.Chauhan, A.G.Krishnamurthy
Conference- National seminar and second M.P. state convention of I.S.T.E state from 21-22 March 1998 at S.A.T.I. Vidisha.
5.Title-Day Lighting in Buildings.
Author- A.G.Krishnamurthy, Pradeep purohit, J.S.Chauhan
Conference- National seminar on Recent trends in energy efficient lighting systems from 5-6 Feb 1999 at S.A.T.I. Vidisha.(M.P)
6.Title-Waste management-An overview.
Author- A.G.Krishnamurthy, Pradeep purohit, J.S.Chauhan
Conference- National seminar on solid waste management from 26-19 Oct 1999 at S.A.T.I. Vidisha.(M.P)
7.Title-High strength concrete from industrial waste.
Author- A.G.Krishnamurthy, Pradeep purohit, PramodSharma,SanjaySaraswat.
Conference- National seminar on solid waste management from 26-19 Oct 1999 at S.A.T.I. Vidisha.(M.P)
National seminar and second M.P. state convention of I.S.T.E state from 21-22 March 1998 at S.A.T.I. Vidisha.
8.ACI concrete creep model and its suitability in FEM analysis.
9.Road users criteria weights and their impact on planning of a By-pass road. National mathematics day Seminar on "Mathematical methods in Science &Engineering"held on 22Dec 2016 At SATI Vidisha
10. Two days Seminar on recent innovations in advanced materials(RIAM-2018) on 18-19 sep 2018 at AMPRI Bhopal

List of short term course/Training programmes

Sr No	Course
1	Induction course from 19.05 to 13.06.86. at T.T.T.I Bhopal.
2	Winter school on alternate building materials and cost effective technologies at S.A.T.I vidisha from 14-26 Feb 1994
3	Short term course on computational methods in civil engg at KonguEngg college Perundurai (T.N) from 09-11-2000 to 22-11-2000
4	Induction training programme on new building materials and cost effective construction techniques from 29-01-2001 To 17-02-2001 at S.A.T.I Vidisha
5	Summer school on Bio-management of waste at MANIT Bhopal from 21-06-2004 To 03-07-04
6	Staff development programme on New building materials and cost effective construction techniques from 10-12-2004 To 23-12-2004 at S.A.T.I Vidisha.
7	NPEEE short term course on seismic design of steel structures at IIT Kanpur from 16-05 -05 to 20-05-2005.
8	"Appropriate rural Housing Technologies."CBRI(Roorkee) at SATI Vidisha on 20-21 october 2008
9	Lead Inspector course by ICMQ certification indiaPvt ltd at S.V.Polytechnic Bhopal from 01-02-10 to 05-02-2010.
10	"Design and construction of Roof top rain water harvesting system."organized by central ground water board central Region Bhopal at SATI vidisha on 21.12.2010.

11	Staff development programme on Finite Element methods and its application from 06-02-2012 To 10-02-2012 at NITTTR Bhopal.
12	Staff development programme on STAAD software and its application from 16-07-2012 To 20-07-2012 at NITTTR Bhopal.
13	Staff development programme on Finite Element methods and its application from 11-02-2013 To 22-02-2013 at NITTTR Bhopal.
14	Pedagogical training at NITTTR Bhopal-from 12/12/2014-31/12/2014 under TEQIP-II
15	Refresher Course on "Disaster Management" from 19May-23May 2015 At UIT (RGPV)
16	one day national seminar on Recent innovations in advanced materials at CSIR-AMPRI Bhopal on 29 th Dec 2015.
17	Two days work shop on "Free and open source solutions for geoinformatics" at MANIT Bhopal From 25feb-26feb 2016
18	One week faculty development programme on energy management and audit under TEQIP-II At SATI vidisha from to 2016 conducted by IIT Mumbai
19	National Green Tribunal Regional conference on Environment-held on 29 th -30 th July 2017 at RCVN Noronha Academy of administration Bhopal(M.P)
20	Short term course on "Computer simulation an important problem Solving tool for Industry. From 11sep to 15 sep 2017
21	Gyansangamsammelan Bhopal from 7 th -8 th Dec 2017 organised by makhanlal C national university of journalism and communication Bhopal.
22	FDP at UIT RGPV Bhopal on Green energy and sustainability from 3/4/18 to 7/4/18
23	FDP at IIT Bombay under TEQIP-III from 11/06/18 to 15/6/18
24	Recent innovations in advanced materials from 18/9/2018 to 19/09/2018 at AMPRI Bhopal
25	One week training programme on "Wind effects on structures" Trough AV Recording/web transmission at SATI Vidisha from 29/10/2018 to 2/11/2018
26	One week faculty development programme on "Recent trend in transportation Engineering" From 8/10/2018 to 12/10/2018 at SATI Under TEQIP-III twining coordination
27	Two days workshop on "outcome based Education (OBE) under Teqip-III from 11-12 jan 2019 At SATI Vidisha.
28	FDP on Climate change on 12/02/2019 to 13/02/2019 at RGPV Bhopal
29	Workshop on Outcome based Education on 24/04/2019 At SPIU Bhopal
30	FDP for Student Induction from 1/07/2019 to 5/07/2019 at SATI Bhopal
31	MIDAS engineering Software Structural Design and Analysis Solution from 15/07/2019 to 19/02/2019 at SATI Vidisha
32	STTP on Limit state Design of Steel Structures 29/07/2019 to 02/08/2019
33	Short term training proram on Bentley software for civil engineering from 20/8 /2019 to 24/08/2019 at SATI Vidisha
34	national conference on recent advances in science engineering and Technology 8/11/2019 at SATI vidisha
35	Flyash utilization & Green Building Materials from 13/02/2021 to 15/02/2021 at AMPRI Bhopal

	International Seminar
1	Innovations and opportunities in Building materials and Housing techniques from 1/11/2018 to 3/11/2018

List of Training programmes.

Sr No	Training programmes
1	on low cost building materials and housing at S.A.T.I Vidisha from 16-19 Sept 1991.
2	On appropriate rural housing technologies from 20-10-2008 at S.A.T.IVidisha.
3	On Roof top rain water harvesting on 21-12-2010 at S.A.T.IVidisha.

List of paper published in journals.

1.Title- Mathematical modeling of prestress loss due to friction in prestressed concrete beams.
Author-Pradeep purohit,DrSaleemAkhtar,DrK.K.pathak.
Journal- Journal of modeling and simulation in design and manufacturing ,ISSN No 0976-7827, vol-3,No 1-2(June-Dec 2012), page No -170-176.
2.Title- Analysis of prestressed concrete beams considering creep and friction effect.
Author-Pradeep purohit,DrK.K.pathak,DrSaleem Akhtar.
Journal- Journal of the Indian National group of the international association for Bridge & structural engineering,"The Bridge and structural Engineer "vol- 42,No- 4(Dec 2012), page No -33-50.
3.Title- Effect of friction on cable profile design of prestressed concrete beams.
Author-Pradeep purohit,DrSaleemAkhtar,DrK.K.pathak
Journal- New Building materials and construction world"NBM&CW" ISSN No 0973-0591, vol-18,No - 10,(April 2013), page No -33-50.
4-Title-"ACI concrete creep model and its application in FEM analysis"
Author-Pradeep purohit,DrSaleemAkhtar,DrK.K.pathak
5.Proceeding of National conference on "Trends and challenges in applied science and Engineering" 23-24 January 2014 page No,-
6.Study of Rigid Pavement distress on NH-146 National Highways in front of SATI Vidisha(M.P) published in volume 5 issue 11 November 2018 ISSN:2349-5162 UGC approved
7.Pedestrian behavior & critical issues on NH-146 in front of SATI vidisha(M.P)) published in volume 5 issue 10 October 2018 ISSN:2349-5162 UGC approved
8.Analysis of Pedestrian level of service at mid-block unsignalised intersection in front of sati main gate on NH-146 vidisha(M.P) published in volume 5 issue 10 October 2018 ISSN:2349-5162 UGC approved
9.Effect of waste steel scrap fibre on mechanical properties of geopolymer concrete published in volume issue 2018 ISSN:2349-5162 UGC approved
10. Development of reinforced geopolymer pervious concrete published in volume6 issue6 june 2018 ISSN:2349-5162 UGC approved
11. Maintenance and rehabilitation assessment of airfield pavement based on functional and structural evaluation in JETIR2009195 september 2020 volume 7 issue 9 ISSN-2349-5162 page 1451-1455
12.Study of Traffic congestion & controlling strategies at Ramleela square Vidisha(MP) on MP SH19 in JETIR2012077 December 2020 volume 7 issue 12 ISSN-2349-5162 page 604-610
13.A study of soil and soil stabilization with environmental waste(coir fiber and Ewires)in JETIR2009188 Sep 2020 Volume7 issue9 ISSN-2349-5162 page 1358-1364

Details of ME Thesis Supervised

Name and scholar No	Title
1.Shubhanshi Ratley 0108CE11ME27	"Performance Evaluation of BRTS-Bhopal" on 13 March 2014
2.Pitambar Dutt 0108CE11ME23	"Study of Traffic –Axle load spectra and its impact on pavement design" on Dewas- shivpuri section of NH3. On 13 March 2014.
3.Ajay Mishra	"Constraints and challenges in Public transport system" A case study of

0108CE10ME28.	BRTS-Bhopal. On 26 July 2014
4.praveen kumar Sharma 0108CE12ME31	“Study on cost optimization of flexible pavement by utilization of plastic waste” August 2015
5.Naveen sahu 0108CE12ME06	Analysis and design of load bearing multistoried fly ash brick masonry building. On 1/12/2016
6.Mahendra Prajapati 0108CE14ME24	Moving Bed Biofilm reactor-A waste water treatment Technology Case study on soya oil plant’s effluent treatment. On 01/12/16
7 Amit Yadav 0108ce12ME21	Road users Criteria weights and their impact on planning of a By-pass Road on 24/1/17
8 Subhangisoni 0108ce13ME46	Road safety audit of Sagar city on10/03/2017
9 Raja Rawat 0108ce13ME39	Road safety audit at Misrod Road Bhopal city on24 /01/2017
10 Prakash Ubnaare 0108CE12ME42	Study of Engineering and functional aspects of agriculture producemarketing committee(mandi) Vidisha(M.P) on 10/2/18
11 SourabhTripathi 0108CE13ME43	A study on effects of saturation on Soil Subgrade strength on 28/6/2018
12kalpna kori 0108CE16ME37	Pedestrian behavior &critical issues on NH-146 in front of SATI vidisha(M.P) on21/12/18
13Akankha Mishra 0108CE16ME28	Analysis of Pedestrian level of service at mid-block unsignalised intersection in front of sati main gate on NH-146 vidisha(M.P) on21/12/18
14Prabhakar Shukla 0108CE15ME42	Study of Rigid Pavement distress on NH-146 National Highways infront of SATI Vidisha(M.P on23/02/2019
15 0108CE17ME18 Yogesh Vishwakarma	Effect of waste steel scrap fibre on mechanical properties of Geopolymer concrete on22/10/2019
16 0108CE17ME24 Mayurjain	Development of reinforcedGeopolymer pervious concrete on 25/08/2019
17. 0108CE18ME39 Himanshujain	Maintenance and rehabilitation assessment of airfield pavement based on functional and structural evaluation
18.0108CE15ME43 Prashant Tiwari	Study of Traffic congestion & controlling strategies at Ramleela square Vidisha(MP) on MP SH19