

Annex 2

BIO DATA

01.	Name in Full		Dr. ARADHANA MEHTA			
02.	Permanent Postal Address		1037, Sec 42 B, Chandigarh			
03.	(b)	E-mail Address	aradhanam@rediffmail.com			
	(c)	Mobile No.	8054977561			
04.	Date of Birth		23.05.65			
05.	Father's Name		Dr. S.C.Dhawan			
06.	Permanent Residential address		1037,SECTOR 42 B, CHANDIGARH			
07.	Present Post held		Associate Professor(Civil), CCET, Sec 26 Chandigarh			
08.	ACADEMIC QUALIFICATIONS					
	Degree	Year	College/University	Divn.	% Marks	Remarks
	Ph.D.	1993	I.I.T, DELHI	-----	-----	
	M.Tech.	1988	P.E.C.,CHD	First	80.0	
	B.E.	1986	P.E.C.CHD	First	81.6	
	10+2	1982	G.C.G.,CHD	First	76.2	
	10 th	1980	DAV SCHOOL,SEC 15,CHD	First	76.4	

09.	Teaching and Professional Experience			
Position Held	Name of Organization	Period		Nature of Work
		From	To	
Lecturer	N.I.T., Jaipur	June 1992	Nov. 1993	Teaching UG courses
Sr. Lecturer	N.I.T., Jalandhar	Nov. 1993	Dec. 2001	Teaching UG courses
Assistant Professor	G.Z.S.C.E.T, Bathinda	Dec 2001	August 2006	Teaching UG and PG courses
Professor and Head	I.G.C.E.T. Mohali	August 2006	July 2007	Teaching UG courses, Developed all Civil Engg Labs
1.Professor and Head	CCET, Sec 26, Chd	July 2007	01.01.15	Teaching UG courses, Developed all Civil Engg Labs
2.Professor	CCET, Sec 26, Chd	02.01.15	Jan 2016	
Professor and Chairman DRC	Chandigarh University	May 2016	Dec 2016	Teaching PG courses and research guidance
Director(Engg.)	MAU, Baddi	Jan 2016	16.10.17	Coordinating all Engg. deptts.
Associate Professor(Civil)	CCET, Sec 26, Chd	20.10.17	To date	Teaching UG courses and Academic coordinator(Civil)
10.	RESEARCH/PROFESSIONAL WORK :			
		Title of Thesis	Name and address of Guide	
	(a)	Ph.D	A New Finite Element for non prismatic Box girder Bridges	Dr. K. Seetharumulu Professor, Civil Engg. I.I.T. Delhi

	(b)	M.Tech.	Analysis of Continuous non prismatic Folded plate structures	Dr.I.C.Syal,Ex.Professor,Civil Engg.,PEC,Chd.		
11.	Sponsored Research/Projects Undertaken					
	Title of the Project		Cost	Duration	Funding Agency	PI(s)/Co-PI/I(s)
	MODROB Project at GZSCET,Bathinda		05 lacs	1 yr.	AICTE,New Delhi	Co- PI
	Building Centre Project at GZSCET,Bathinda		05 lacs	2 yrs	Hudco New Delhi	Co-PI
12.	National/International Award(s)/Fellowship Conferred					
	S.No	Name of Award		Organisation		Year Conferred
	1.	Research scholarship		M.H.R.D.		1988-1992
	2.	Scholarship		M.H.R.D		1986-1988
13.	Faculty Dev. Programme/Short Term Course Organized					
	S.No	Name of the Course		Organiser(s)		Duration (dates)
	1.	Design of Highway Pavements		NIIIR and CCET, Chd		21.06.10 to 25.06.10
	2.	Earthquake resistant design of structures		NIIIR and CCET, Chd		21.12.09 to 24.12.09
	3.	ANSYS Software		NIIIR and CCET, Chd		22.03.10 to 24.03.10
		Concrete Mix Desin-New directions		NITTTR, Chd		19.10.2015 to 21.10.2015
14.	Book Published					
	1.	Objective type book of Civil Engg			May 2017	
	2.	Editor of book 'Recent advances in Civil Engg.			June 2017	

	3.	Developed guidelines for "Autocad and Staad. Pro Software " for Engg. officials of Municipal corporation SAS nagar.	May 2018		
		List attached.			
15.	National Conferences Organized				
	S.No	Name of the Conference	Duration	Place	Nature of work
	1.	National Symposium on Challenges to Civil Engineers in context to Natural Disasters, CCND-2002	30-31 May,2002	Bathinda	Organising Secretary
	2.	National Symposium on Trends in Geotechnical Engg, TGE-05	30 April -1 May 2005	Bathinda	Chairperson
	3.	Short Term course on Concrete Mix design	19.10.15 to 21.10.15	CCET, Chd.	Coordinator
	4.	National Conference on Recent advances in engineering and Technology, NCRAET-2017	8 th April 2017.	MAU, Baddi	Chairperson
	5.	Faculty Development Programme on Professional development and Learning strategies	29-30 june,2017	MAU, Baddi	Coordinator
	6.	Green Techniques for Sustainable Construction (ICT)	06.02.17 to 10.02.17	MAU, Baddi	Coordinator
	7.	VLSI Design (ICT)	14.03.17 to 18.03.17	MAU, Baddi	Coordinator
	8.	STC on Accreditation of programmes	05.06.17 to 09.09.17	MAU, Baddi	Coordinator
	9.	Innovative approach to Skill Development and employment Generation in India (through ICT)	24.07.17 to 28.07.17	MAU, Baddi	Coordinator

	10.	STC on Limit state design of steel structures	01.01.18 to 05.01.18	CCET, Chd.	Coordinator
	11.	Innovative approach to Skill Development and employment Generation in India (through ICT)	MAU, Baddi	24.07.17 to 28.07.17	Coordinator
	12.	Remote sensing , GIS and GPS in Civil Engg (through ICT)	MAU, Baddi	11.09.17 to 13.09.17	Coordinator
	13.	STC on Limit state design of steel structures	CCET, CHD	01.01.18 to 05.01.18	Coordinator
16(a)	Books published				
	Dr. Aradhana Mehta and Dr. Uma Malik, 'Objective type book in Civil Engg.' ISBN No.				
16.(b)	Expert Lectures/Tutorials Organized				
	S.No.	Topic of Lecture	Name & Address of Expert	Dates	Nature of Audience

	1.	An expert Lecture on Transportation Infrastructure development	Dr. S.L. dhingra H.O.D., Civil IIT, Bombay	Oct, 2013	IV Yr B.E.(Civil) Students
	2	Concrete Mix design	Mr. Amit aggarwal Technical Manager Ultratech cement Ltd.	August, 2014	IIIrd Yr. B.E.(Civil) Students
	3..	Design of concrete mixes	Chandigarh Mr. Manish Bhatia Manager Ambuja cement Ltd. Panchkula	Oct, 2012	IIIrd Yr. B.E.(Civil) students
17	Interaction with Industry				
	S.No.	Nature of Interaction	Name, address	Dates	Rem arks
	01	Industry Tours	Ultra Tech Cement RMC Plant at Panchkula , Bhakhra Dam, Water and Waste water treatment plants at Mohali and Chandigarh.		

02	Committee Meeting	<ol style="list-style-type: none"> 1. Board of studies , PU, Chd. Regarding curriculum of BE (Civil) 2. Member, NITTTR, Chd. For M.E. curriculum development. 3. Member, Curriculum committee, PEC Chd. For B.E.(Civil) curriculum development 4. Academic Coordinator(Civil) at CCET, Chd 5. Editor of Journal International journal of science and technology 			
03	Examination	<ol style="list-style-type: none"> 1. External Examiner for M.E . Via-Voce at PEC Chd, NITTTR Chd, CU, Mohali, MMR Univ. Maulana, Panchkula Engg. college. Haryana, Quest group of Institutions 2. Paper setter for PU, Chandigarh University and PTU. 3. Duty of flying squad in PU examinations at CCET, Chd 4. Centre Supdt. PU exams 2023 			

	04	Interview Panel	<ol style="list-style-type: none"> 1. Conducted interviews for lecturers at CCET, Chd 2. Conducted interviews for lecturers at Panchkula Engg. College, Haryana. 3. Conducted interviews for Assistant professors at Chandigarh University, Mohali 4. Conducted interviews for Assistant professors at MAU, Baddi 		
	05	Student Activity	<ol style="list-style-type: none"> 1. Incharge student welfare 2. Coordinator of CCET, Techno cultural fest of APRATIM 2011, APRATIM 2013, Apratim 2014 at CCET, Chd 	July 2011 -Jan 2015	
18.	Membership of University/Institute Bodies				
	S.No.	Name of the Body	Designation	Nature of work	
	1.	Board of studies, Civil Engg, PU, chd	Member	Development of curriculum for BE (Civil)	
	2.	Research degree Committee, PU, Chd	Member	Ph.D. thesis Synopsis evaluation	
	3.	Board of studies, Civil Engg, NITTTR, chd	Member	Development of curriculum for M.Tech (CTM)	
19.	Membership of Professional Bodies/Societies				
	S.No	Name of the Body/Society	Nature of Membership		

	1.	ISTE	Life Member ,LM 21284	
	2.	Inst. Of Engineers	Fellow,F-111178/3	
	3.	ISCEE,Roorkee	Life Member,LM0423	
	4.	ISET, Roorkee	Life Member,LM1201	
	5.	ACI	Member	

20.PUBLICATIONS:

S. No.	Title with page Nos. and date of publication	Journal	ISSN/ ISBNNo.	Whether peer reviewed . Impact Factor,if any
1.	Development of environmental friendly and low cost unburnt stabilized soil bricks in Feb.2017.', pp 82-86	IJERM Vol.04,Issue 02	ISSN 2349-2358	
2.	Strength and durability characteristics of fly ash and slag based geopolymer concrete' Sept. 2016	IJCIET , vol. 07, Issue 05	. ISSN 0976-6308	IF - 9.7820
3.	Investigations of properties of self compacting concrete by adding iron slag as partial replacement of fine aggregates , Sept. 2017.	IARJSET, Vol.4, Issue 9	ISSN 2393-8201	IF=4.821

4.	Effect of marble dust on partial replacement of cement on strength properties of concrete, Sept. 2017	IJAMTES Vol. 7, Issue 9	ISSN No. 2249-7455	
5.	Effect of usage of fly ash and iron slag on mechanical properties of concrete in 'in01 May 2017, pp 25-30	IJEET , Vol. 03 , Issue 01	ISSN 2394-7918	
6.	Parametric studies of non prismatic folded plate structures May 2017	IARJSET , Vol. 04 , Issue 05	ISSN 2393-8021	IF=4.82
7.	'Finite Element analysis of non prismatic folded plate structures 'in IJCECS , Vol.02 , Issue 01, Jan. 2017., pp 17-23	IJCECS , Vol. 02 , Issue 01	ISSN 2455-7714	

8.	InvestIgations of strength characteristics of bio mass ash and slag based geopolymer concret Feb. 2018e	IJAMTES Vol.8, Issue II	ISSN No. 2249-7455	
9.	Durability characteristics of bio mass ash and slag based geopolymer concrete Feb. 2018	IJRSR Vol.9, Issue 2 A	ISSN No. 0976-3031	
8.	Compatibility of superplasticizer BS Futura PC X107 with PPC cement for M35 grade of concrete ,	IRJET Vol.06, Issue 01, Jan 2019	E ISSN : 2395-0056	
9.	Analysis of Non Prismatic folded plate structures	Pramana research journal, vol. 9, issue 6, june 2019	ISSN:2249- 2976	

10	Knowledge based expert system for bridge design	International journal of research and analytical reviews,IJRAR, VOL.6 ISSUE 2,JUNE 2019	E-ISSN 2348-1269	
11	Comparison of characteristics of OPC and Lime stabilized Soil bricks	International journal of research and analytical reviews,IJRAR, E-ISSN 2348-1269 VOL.7,ISSUE 4,October 2020	E-ISSN 2348-1269	
12	Investigations on the properties of bricks using waste marble powder and flyash	International journal of research and analytical reviews, IJRAR, VOL.8,ISSUE 4,November 2021	E-ISSN 2348-1269	
13	Strength and durability characteristics of recycled aggregates containing fly ash and silica fume	IJAMTES Vol.11, Issue 12 decmber 2021		

