

			
1	<b>NAME</b>	:	<b>Dr. M D VIJAYANANDA</b> M.E (PSC) , MBA ( Marketing) Ph.D. (Soil-Concrete analogy).
2	<b>DESIGNATION</b>	:	Professor Department of Civil Engineering Bapuji Institute of Engineering & Technology, DAVANGERE-577 004, KARNATAKA, INDIA Phone: (08192) 221461 (O), 223202 (R) Cell : 9844843564 Fax : (08192) 223261 E-mail: bietcivil2015@gmail.com
3	<b>DATE OF BIRTH</b>	:	01-06-1962
4	<b>EDUCATIONAL QUALIFICATION</b>	:	B.E (Civil), M. E (Prestressed Concrete Structures) Ph.D, M.I.E., M.I.S.T.E, ( LM-6104) Passed the 19 <sup>th</sup> Annual UN Information test, by the council for UN information
5	<b>FIELD OF SPECIALIZATION</b>	:	<ul style="list-style-type: none"> <li>• Prestressed Concrete Structures</li> <li>• Advanced Design of RC Structures</li> <li>• Geo Technical Engineering</li> <li>• Design of Sub Structures.</li> <li>• Earthquake Resistant Structures</li> <li>• Design of Bridges</li> </ul>
6.	<b>AREA OF INTEREST</b>	:	<ul style="list-style-type: none"> <li>• Prestressed Concrete Structures, Geo Technical Engineering, Design of Sub Structures. Earthquake Resistant Structures and Design of Bridges</li> </ul>
7	<b>EXPERIENCE</b>	:	Total 30 years of Research, Teaching for Under Graduate and Postgraduate students.
8.	<b>MEMBER OF PROFESSIONAL BODIES</b>		<ul style="list-style-type: none"> <li>i) Associate Member of Institute of Engineers. on 03 Sept 1987</li> <li>ii) Life member of Indian Society of Technical Education. ( LM -6104)</li> </ul>
9.	<b>RESEARCH GUIDENCE</b>		No. of students guided for M Tech ( Structural Engineering : 11 Graduate student projects. (Sponsored by KSCST) : <b>02</b>

<p>10.</p>	<p><b>SEMINARS ATTENDED/ CONDUCTED</b></p>	<ul style="list-style-type: none"> <li>i) Attended workshop on Geomatics Solutions for water resources planning and Management at BIET, Davanagere on 12<sup>th</sup> 13<sup>th</sup> of December-2003</li> <li>ii) Attended the Training Program for CAPART Monitors and Evaluators at Institute of Man Power Research , New Delhi from 12-07-2004 to 16-07-2004</li> <li>iii) Participated and submitted jointly with final year students to Institute for Steel Deve;pmnt and Growth – Students National Competition for the Best Innovative Structural Steel Design-2002-03 – “ Design solution of a Steel Intensive Elevated Light Rail Transit Structures” during the award ceremony held on 31<sup>st</sup> July 2003 at Kolkatta</li> <li>iv) Participated in the AICTE-ISTE sponsored short term programme on Computer Applictions in Civil Engineering from 8<sup>th</sup> to 19<sup>th</sup> October-2001 at SJCE, Mysore</li> <li>v) Participated in the Five –day QIP Short term course on “ <b>Introduction to Geographic Information System and Applications</b>” conducted by IIT Bombay, during My25-29 ,2009</li> <li>vi) Participated in the workshop on “ Computer Aided Design on 30<sup>th</sup> October 2000 at RV College of Engineering , Bangalore.</li> <li>vii) Participated in the short term course under QIP on Hazardous waste Managemnt at IIT, Madras from July 7-18,2003</li> <li>viii) Attended the workshop on “ Computer Related Subjects of Civil Engineering” at MCE, Hassan on 20<sup>th</sup> and 21<sup>st</sup> October-2000</li> <li>ix) Participated in a workshop on Finite Element Method from September-21-25,1998 at IISc, Bangalore</li> <li>x) Participated in a workshop on Fracture Mechanics – Theory and Applications under QIP of AICTE, New Delhi from 25-11-2002 to 29-11-2002 at IISc, Bangalore</li> <li>xi) Attended the workshop on “ Computer Related Subjects of Civil Engineering” at MCE, Hassan from 20<sup>th</sup> -21<sup>st</sup> October-2000</li> <li>xii) Attended the AICTE- ISTE sponsored STTP om Construction Techniques on Highways and Bridges from 15<sup>th</sup> -20<sup>th</sup> March 2004 at BIET,Davanagere</li> <li>xiii) Attemded the workshop on “ Need Analysis of STTP in Civil Engineering on January 21 -1996 at BVB College of Engineering , Hubli</li> <li>xiv) Attended the workshop on Finalisation of Scheme . Syllabus and Preparation of Model question paper for BE Civil on 10<sup>th</sup> May 2003 at KVG College of Engineering, Sullia</li> <li>xv) Participated in the National Seminar on “ Alternative Construction Materials and Technologies for Sustainable Development- 2006 on 6<sup>th</sup> September 2006 at RV College of Engineering Hubli</li> </ul>
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11.	<b>COORDINATOR</b>	: <ul style="list-style-type: none"> <li>i) <b>Worked as Coordinator for PG Programme M Tech ( Structural Engineering) during 2014-2016</b></li> <li>ii) <b>Working as Counselor for various programs at IGNOU Study Center 1311 ( BIET)</b></li> <li>iii) <b>Worked as Coordinator for MODROBS Scheme- Modernization and removal of Obsolescence in Structural Testing Laboratory</b></li> <li>iv) <b>Worked as Coordinator for MODROBS Scheme- Modernization and removal of Obsolescence in Concrete testing Laboratory</b></li> <li>v) <b>Worked as Coordinator for MODROBS Scheme- Modernization and removal of Obsolescence in Surveying Laboratory</b></li> <li>vi) <b>Submitted a Project Proposal on MODROBS Scheme- Modernization and removal of Obsolescence in Geotechnical Laboratory – 20.00 lakhs</b></li> </ul>
12.	<b>CONSULTANCY Services Laboratory Testing</b>	Involved in Consultancy services of the Department under Structural , Material testing , Geotechnical laboratory and Cement- Concrete Testing laboratory
.	<b>OTHER ACTIVITIES</b>	: <ul style="list-style-type: none"> <li>• Working as Placement Coordinator for the Department of Civil Engineering, BIET-Davanagere</li> <li>• Arranging Guest lecture programs both for UG and PG Programs</li> <li>• Worked as Counsellor for MBA Programme at IGNOU Study center , BIET -2004</li> <li>• Worked as Coordinator for Criteria 5- NBA – SAR Report-2019</li> <li>• Working as Coordinator for BIET Central Library - 2020</li> </ul>

14.	<b>AWARD</b>	:	<ul style="list-style-type: none"> <li>• Certificate of Merit is awarded for Cent Percent result in the Subject of Bridge Engineering-1991</li> <li>• Certificate of Merit is awarded for Highest result in the Subject of Elements of Civil Engineering-2003-04</li> <li>• Certificate of Merit is awarded for Cent Percent result in the Subject Of Prestressed Concrete-1999-2000</li> <li>• Certificate of Merit is awarded for Cent Percent result in the Subject Of Prestressed Concrete-1998-1999</li> <li>• Certificate of Merit is awarded for Cent Percent result in the Subject Of Fluid Mechanics-I -1994-95</li> <li>• Certificate of Merit is awarded for Cent Percent result in the Subject Of Prestressed Concrete-1996-1997</li> <li>• Certificate of Merit is awarded for Cent Percent result in the Subject Of Structural Drawing and Detailing – 2002-2003</li> </ul>
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## 15. THE DETAILS OF RESEARCH PAPERS PUBLISHED:

### 1. GENERALIZATION OF LYSE RULE

-Published in the Journal " International Research Journal of Engineering and Technology" , (IRJET) – Volume 3, Issue-11 November -2016

### 2. An Alternative Method for Assessment of Consistency of Cement Paste

-Published in the Journal " International Research Journal of Engineering and Technology" , (IRJET) - Volume 3, Issue-11 November -2016

### 3. STATIC AND DYNAMIC ANALYSIS OF REGULAR AND IRREGULAR SHAPE BUILDING WITH OR WITHOUT SHEARWALL-

-Published in the Journal " International Research Journal of Engineering and Technology" , (IRJET) – Volume 3- Issue 5- May-2016

### 4.DYNAMIC ANALYSIS OF REINFORCED CONCRETE BUILDING WITH FLOOR MASS IRREGULARITIES WITH SHEAR WALLS

--- Published in the Journal " International Research Journal of Engineering and Technology" , (IRJET) – Volume-3 – issue 5- May2016

### 5. COMPARATIVE STUDY OF LINEAR AND NON-LINEAR SEISMIC RESPONSE OF RC STRUCTURE SITUATED IN DIFFERENT SEISMIC ZONES OF INDIA—

-- Published in the Journal " International Research Journal of Engineering and Technology" , (IRJET) - Volume-3 – issue 5- May2016

**6. Response Reduction Factor for Lateral Load Resisting Frames with Vertical Discontinuity**

-Published in International Journal of Innovative Research in Science , Engineering and Technology – (IJIRSET) , Volume5- Issue9- September-2016

**7. Comparative study on building frames with and without Soil Structure Interaction subjected to seismic forces,**

- Published in - International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297: 2007 Vol. 6, Issue 6, June 2017

**8."Analysis , Design and Seismic Retrofitting of an Existing Building"**

- Published in International Journal of Innovative Research in Science, Engineering and Technology – (IJIRSET) , Volume 7- Issue 7- July 2018

**9. Pushover Analysis of a Multi-Storied Building in two different zones-**

-Published in International Journal of Innovative Research in Science, Engineering and Technology – (IJIRSET) , Volume 8- Issue 6- June -2019

**10 . Seismic Analysis of Multi-Storied Buildings with Shear walla, Bracxing and Openings-**

Published in International Journal of Innovative Research in Science, Engineering and Technology – (IJIRSET) , Volume 8- Issue 6- June -2019

11. Comparative Study on Diagrid structure and conventional structure – Published in International Journal of Innovative Research in Science, Engineering and Technology – (IJIRSET) , Volume 9- Issue 8- June -2019

**15. LIST OF PROJECTS/RESEARCH WORKS/ UNDER NATIONAL/ STATE/ PRIVATE FUNDING AGENCIES UNDER Dr. M D Vijayananda**

SL. NO.	NAME OF THE PROJECT	SPONSORED BY	AMOUNT SANCTIONED in Rs. lakhs	Status
1.	<b>Modernization and removal of Obsolescence in Structural testing Laboratory-2003</b>	AICTE- New Delhi	5.00	Completed
2	<b>Modernization and removal of Obsolescence in Concrete testing Laboratory-2007</b>	AICTE- New Delhi	8.00	Completed
3	<b>Modernization and removal of Obsolescence in Surveying Laboratory</b>	AICTE- New Delhi	10.00	Completed
4	<b>Submitted a Proposal under</b>	AICTE- New Delhi	20.00	Under Process

	<b>MODROBS-2017 – Modernization and removal of Obsolescence in Geotechnical Engineering Laboratory</b>			
5	<b>Submitted the proposal on RPS – Workability of Cement Based Composites – Analysis and Assessment- 2009</b>	AICTE	6.70	-
6	<b>Submitted the proposal on RPS – Workability of Cement Based Composites – Analysis and Assessment- 2010</b>	AICTE	6.70	-
7	<b>Submitted the proposal on RPS – Workability of Cement Based Composites – Analysis and Assessment- 2011</b>	DST, New Delhi	6.70	-
8	<b>Submitted Project Proposal under Establishment of Center of Excellency for Structural Instrumentation, Structural Testing Laboratory -2014-15 to Vision group of Science and Technology, Bangalore</b>	Vision group of Science and Technology, Bangalore	14.45	-
9	<b>Submitted a proposal for – NRDC-Innovation Facilitation Center</b>	NRDC< New Delhi	-	-
10	Dr M D Vijaynanda has submitted a Project Proposal to AICTE New Delhi for financial assistance of 20 Lakhs. The details of project proposal are Title of Proposal : “Modernization and Removal of obsolescence in Structural Testing laboratory” Scheme : MODROBS-2017	AICTE- New Delhi	20.00	
10	Dr M D Vijaynanda has	Vision group of science		-

	Submitted a Project Proposal to “Vision group of science and technology (VGST), Bangalore for financial assistance of 20 lakhs . The details of proposal t are Title of Proposal: “Infrastructure Strengthening in Structural Testing laboratory” Scheme K-FIST- L1 - 2018	and technology (VGST), Bangalore	20.00	
11	Dr M D Vijaynanda has submitted a Project Proposal to AICTE New Delhi for financial assistance of 20 Lakhs. The details of project proposal are - Title of Proposal : “Modernization and Removal of obsolesce in Geotechnical; testing laboratory” Scheme : MODROBS-2018	AICTE- New Delhi	20.00	
12	Dr M D Vijaynanda has submitted a Project Proposal to AICTE New Delhi for financial assistance of 20 Lakhs. The details of project proposal are -Title of Proposal : “Modernization and Removal of obsolesce in Structural Testing laboratory” Scheme : MODROBS-2017	AICTE- New Delhi	20.00	

**17 . LIST OF PROJECTS submitted – under my Guidance for Students National Competition & Projects**

1	INSDAG Award Competition for the year 2002-03 Calcutta – Sponsored by SAIL, Tata Steel, JPC, JSPL, JISCO < Gammon India Limited & MN Dastur Co LTD	Design Solution of a Steel Intensive Elevated Light Rail Transit Structure	2003  Hongekar Megharaj , & Megharaj
2	Institute for Steel Development & Growth , Calcutta	Intensive Innovative Food Grain Godown	2019  1 Archana J 2. S Bharath 3. Raghavendra B 4. M M Cherukuri Sai Sasank
3	KSCST, Bangalore	Critical Reappraisal of Different Methods of Workability of Cement Based Composites	2006  1. P H Deepika  Sanctioned Rs 4500/=
4	KSCST, Bangalore	Study of Lyses Rule	2006  Sanctioned Rs 4500/=

**18 Webinars Attended:-**

1	Project Based Learning organized by NITtTR, Bhopal on 19-07-2021
2	Swayam on line certification course “ Accreditation of Undergraduate Programmes” with consolidation score of 70% marks
3	Planning required during the visit and post visit activities organized by NITtTR, Bhopal on 25 <sup>th</sup> August 2020 –W11
4	Applying for Accreditation - organized by NITtTR, Bhopal on 25 <sup>th</sup> August 2020 –W10
5	Action Plan to prepare Institute for Accreditation -- organized by NITtTR, Bhopal on 27 <sup>th</sup> August 2020 –W12
6	National Education Policy 2020- Higher Educational Perspectives – organized by NITtTR, Bhopal on 17-09-2020–
7	Planning for on line Instruction on 21-08-2020- organized by NITtTR, Bhopal
8	NEP-2020- Higher Educational Curricula Issues and Implications - organized by NITtTR, Bhopal on 20-11-2020