

## MANDATORY DISCLOSURE OF INFORMATION

Note: Mandatory disclosure of information about accredited programmes by institutions to be included in their respective information brochure, displayed on their website and to be submitted to NBA every year well before the admission process

**Name of the Programme** : **Civil Engineering**

**Approved Intake (Current)** :

Intake	Date of Approval	AICTE Letter No
60	20-06-2007	F.NO.770-53-242(E)/RC/94

**Fees charged (per annum) in Rs.** :

Category	Fees *
Management /COMEDK	Rs.1,25,000/-
Government-Merit Quota	Rs. 28,090/-

**Pass percentage during the last 5 years** :

Year	% of Passing			
	I/II Sem	III/IV Sem	V/VI Sem	VII/VIII Sem
2006-07	93/ 95.75	64.81/ 44.44	57.89/ 82.35	70.59/ 100
2005-06	92.2/ 91.4	52.78/ 34.78	55.88/ 80.56	75.76/ 100
2004-05	95.6/ 96.37	50./ 71.79	83.33/ 88.89	96.3/ 100
2003-04	63/ 81.49	53.33/ 69.23	92.59/ 88.89	96.43/ 100
2002-03	75 / 95.6	36.36/ 72.41	50/ 81.48	88.88/ 100

**Teacher Student Ratio** : **1:15**

**No. of Faculty Members : 14**

Cadre	Required As per AICTE	Existing			
		Permanent	Temporary	Guest	TOTAL
Professor	17	9	--	--	09
Associate Prof.		0	--	--	00
Ast. Professor		1	--	--	01
Lecturer		4	--	--	04

**Faculty Profile (Summary) :**

Qualification	No. of Faculty		
	Completed	Pursuing	Total
PhD	3	-	3
Post Graduate	11	-	11
Under Graduate			

**Experience of Faculty :**

Experience	No. of Faculty
Less than 5 Years	2
5 to 10 Years	4
More than 10 Years	9

**Details of individual Faculty members :** Available at the end of this report- Annexure-A.

**Industrial Consultancy, Research and Development (during the past 5 years):**

Description of the Activity	Year ( 20xx )				
	06-07	05-06	04-05	3-04	02-03
Amount of Industrial Consultancy earned (in lakhs of Rupees)	7.57	8.07	10.35	9.69	7.35
No. of sponsored research projects completed	03	01	02	01	01
No. of patents produced	--	--	--	--	--
No. of sponsored research projects in progress	02	05	05	04	02
No. of papers published in International journals	--	01	01	02	--
No. of papers published in National journals	04	03	03	05	03
No. of papers presented in International Conferences/ Seminars	01	--	01	--	04
No. of papers presented in National Conferences /seminars	01	04	05	12	07
No. of International Conferences conducted	01				01
No. of National Conferences conducted	01				
No. of Training Programmes / Short Term Courses conducted	04				

**Placement Record for the previous year :**

Placement Details	Count
No. of Companies who visited the Campus	08
Names and Details of companies who visited the campus along with No. of Students placed	@
No. of Students placed through campus recruitment	18
Maximum salary drawn (in Rs.)	2.0 lakhs p.a.
Average salary drawn (in Rs.)	1.0 lakhs p.a.

@ Details given at end of this Report- Annexure-B

**Budget Allocation for the Programme (in Rs.) :**

Year	Budget Allocation			
	Recurring		Non Recurring	
	Allocated	Spent	Allocated	Spent
2006-07	Included in non-recurring amount		Rs. 1,50,000	
2005-06	Rs. 40,000	Rs.46,751.00	Rs. 1,70,691	Rs.55,188.00
2004-05*	Rs. 1,07,000	Rs. 41,593.00	Rs. 2,32,000	Rs. 2,45,107.00
2003-04	Rs. 48000	Rs. 66,621.00	Rs. 11,76,000	Rs. 10,17,750
2002-03	Rs. 75000	Rs.57,618.00	Rs. 8,00,000	Rs. 6,76,587.00

\* Budget under TEQIP – Rs.25 lakhs

**New initiatives and future vision, if any :**

SL.No	New initiatives /Plan / Vision	Milestones Planned
1	Autonomy for program	August 2007
2	60% faculty to obtain Doctoral degree	June 2008
3	Center of Excellence in Resource Management established and PG Programme in Resource Management planned.	September 2009

Annexure-A: Details of Individual Faculty Members

**Faculty Name** : Dr. V.S. Hegde

**Date of Birth** : 03.06.1957

**Education Qualification** :



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.Sc.	Karnataka University, Dharwad	57% Second Class	
Post Graduate	M.Sc.		58.5% Second Class	
PhD	Ph.D.		--	
Others if any	M. Phil		75%	

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	21	
Research	26	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Hard Rock Geochemistry
2	Sedimentology
3	Coastal geomorphology

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Environmental Studies
2	Applied Engineering Geology
3	Photogrammetry & Remote Sensing

**Research Guidance** :

Sl. No	Description of Research work
1	Study of longterm and short term shoreline changes along the coast between Honnavar and Bhatkal and their implications on coastal zone management
2	Sediment dispersal pattern, their geochemical characteristics in the near shore water and their implications on management of the coast between Honnavar and Bhatkal, Central West Coast of India

3	Satellite based study of sediment transport along the coast of Uttara Kannada District, Karnataka
4	Geochemistry and Petrogenesis of Khanapur Granites, their implications for crustal evolution, and Geology of the Associated Rocks
5	Geochemistry of Greywackes of Haveri-Shiggaon Block, Haveri Dist, their Implications on Palaeo Weathering & Provenance History.
6	Air Quality Modeling and Air Quality Atlas for Hubli Dharwad using RS &GIS

**Research Publications :**

Sl. No	Details of Research Publications
1	Chavadi,V.C and Hegde,V.S.;Geology of greywackes west of Ranibennur, Dharwad District, Karnataka. Jour. Geol.Soc.Ind.1988, V.31, No.3 pp.337-342.
2	Chavadi,V.C and Hegde,V.S.; Diagenesis and Petrographic characters of quartzites of Arabail area, Uttara Kannada District, Karnataka. Jour. Indian Association of sedimentologists 1991, V.10, pp.13-17
3	Hegde,V.S. and Chavadi,V.C.; Sedimentology of Quartz pebble conglomerate of Arabail area, Yellapur Taluk, Uttara Kannada District, Karnataka. Jour. Indian Association of sedimentologists. 1992, V.11, pp.95-103.
4	Hegde,V.S. and Chavadi,V.C.; Geochemistry of pelitic sediments of Arabail area, Yellapur Taluk, Uttara Kannada district, Karnataka. Jour. Indian Mineralogist 1999,V.33, No.1 pp.53-67
5	Hegde,V.S.,Chavadi,V.C and S.M.Revanasiddappa.; Geochemistry of greywackes of Ranibennur area, implication for palaeo-weathering condition. Jour. Indian Mineralogist,1999,V.35(1)pp.71-86.
6	Hegde,V.S. and Chavadi,V.C.; Major and trace element analyses of late Archaean siliciclastic sediments of Arabail area-Karnataka; clues for provenance. Indian Jour. Geology, 2000,V. 72(2),pp 119-129.
7	. Hegde,V.S. and Chavadi,V.C.; Geochemistry of late Archaean metavolcanic rocks around Arabail in the Shimoga basin, Karnataka and its tectonic implication. . Jour. Applied Geochemistry 2003,V.5,pp.1-15.
8	Hegde,V.S. and Kanchanagouri,D.G.; Plume related acid volcanic activity in St Mary's island ,South Kanara district, Karnataka. Journal Geological Society of India. Vol 70, 2007
9	Hegde,V.S. and V.C.Chavadi; Geochemistry of Late Archaean greywackes from the Western Dgarwar Craton, implications on palaeo weathering condition and provenance. Submitted to JI Gondwana Research (Revised form submitted)
10	Hegde,V.S. and Chavadi,V.C.; Geochemistry of high Mg- Dolerite dykes from Western Dharwar Craton ,South India; implications for hot spot activity. In Press JI Geol.Soc.India.
11	Hegde,V.S. and Chavadi,V.C.; Chemical evolution of a granite from Western Dharwar craton. submitted to JI Gondwana Research, Received for revision
12	Chavadi,V.C and Hegde,V.S. Nalawadi,A.R and Jalihal,A.R.; Erosion and deposition pattern of the beaches near Gangavali river mouth on the northern Karnataka Coast. Geol. Surv. Ind. Spl. Pub. No. 24; 1989. pp. 355-359
13	Chavadi,V.C and Hegde,V.S.; A note on textural variation of beach sediments in the vicinity of Gangavali river mouth near Ankola West Coast of India Jour.Mahasagar,1989.No.22 V.22, pp.89-97
14	Chavadi,V.C and Hegde,V.S.; Down stream variation in texture and mineralogy of channel sands of Gangavali river in Northern Karnataka, Jour. Karn. Uni. Sci. 1989 V.XXXXIV;. pp. 65-78
15	Chavadi,V.C and Hegde,V.S.; Terrain evaluation of Gangavali river basin by morphometric method .Bull. Indian Geologists Assoc.1990. V.23, No.1 pp.17-27

16	Chavadi,V.C and Hegde,V.S.; Some aspects of drainage network analysis of Gangavali river and its tributaries in Northern Karnataka. Proc. Quat. Landscape of Indian Sub Cont. Geol. Dept. M.S. U. Baroda 1991. Pp. 26-32.
17	Hegde,V.S., Chavadi,V.C. and Hanamgond,P.T.: Post monsoonal beach dynamics and sedimentation process along the coast between Honnavar and Bhatkal, Uttara Kannada District, Karnataka. Jour. Indian Assoc. Sed.1995 V. 14 pp.67-81
18	Hegde,V.S.; Management of coastal erosion problem, present status of art with special reference to Coasts of Karnataka, India, A Review, NEWPARCEP-1996. pp.60-78.
19	Hegde,V.S.; Post-monsoonal beach changes and sediment characteristics of Kasarkod coast Uttara Kannada. Jour. Indian Assoc. Sedimentologist.,1997, V.16(2). pp.223-234.
20	Hegde,V.S.and Bhat,M.S.; Some aspects of Geomorphic features and sedimentation process along the coast of Uttara Kannada district. Spl. Pub.SDMCET, Dharwar and IGCP-367. V.2 "Coastal Zone Management". 2000,pp.27-32.
21	V.C.Chavadi,Bhat,M.S.,Nalawadi,A.R.,Hegde,V.S. and Hanamgond, P.T. Morphological variation over micro time scale changes at Kudle beach in Central West Coast of India. Spl. Pub.SDMCET, Dharwar and IGCP-367. V.2 "Coastal Zone Management"2000,. pp.107-110.
22	Bhat. M. S., Chavadi V.C. and Hegde, V.S.; Morphological and textural characteristics of Kudle beach, Central West Coast of India. Jour. Geol. Soc. India.2002,V.59.pp.131-2002.
23	Bhat,M.S.,Chavadi,V.C. and Hegde,V.S :Sedimentation pattern and beach changes along the coast of Ankola and Gokarna., ,Ind. Jl. Marine Science,2003,V.32,pp.31-36).
24	Hegde,V.S and 4 others: Hydrographic conditions of a tropical estuary in Central West Coast of India and its environmental implications- A case study of the Sharavati Estuary Int.Jl Environment, Ecology and Conservation.2004, (3) pp.59-69
25	Hegde,V.S and 5 others Depositional environment and silting in the Sharavati estuary, central west coast of India Indian journal of marine Science Vol.33(3), 2004,pp.296-302.
26	Shalini,G. and Hegde,V.S.; Mangrove Development-potentials and prospects along the coast between honnavar and Bhatkal, Central West Coast of India. In Geospatial Technology for Developmental Planning (Eds Ramaswamy et al),2005,pp 249-257.
27	Hegde V.S. and 4 others Depositional environment of Estuarine beach at Honnavar, Central West Coast of India, Jour. Geol.Soc.India.2007. V 69, PP 1279-1284
28	'Geomorphic Processes along the coast between Karwar and Bhatkal, Central West Coast of India, Implications for coastal pollution' presented in International Seminar held at Goa 24 <sup>th</sup> to 30 <sup>th</sup> September 2006 on Disaster Management'
29	V.S. Hegde, G. Shalini and D. Gosavi Kanchanagouri, 'Provenance of heavy minerals with special reference to ilmenite of the Honnavar beach, central west coast of India' published in Current Science, Vol 91, No.5, 2006 pp 643 to 648
30	Wind and Wave induced low scale foreshore changes in a tropical estuarine beaches of the central west coast of India, A case study from Honnavar submitted to Journal of Coastal Research

### Book Publications :

Sl. No	Details of Book Publications
1	Edited spl. Pub. Vol on Environmental Pollution
2	Edited spl. Pub. Vol Coastal zone management

**Projects under taken :**

Project Title	Project Duration	Amount Received	Funding Agency	Status (Completed/ In progress)	Number of faculty involved
Geochemistry with special reference to REE and Nd isotope composition of greywackes of Shimoga basin and their implications on Dharwad basin evolution	3 years (2000-2004)	3,84,000.00	UGC	Completed	Jointly with KUD
Geochemistry and thermo-barometry of St. Mary's Island Rocks, South Kanara, District, Karnataka.	2 years (1998-2000)	8,750.00	UGC	Completed	01
Hydrographic condition, Siltation in navigational channel of Sharavati estuary, central west coast of India.	3 years (2001-04)	2,70,580.00	UGC	Completed	01
Near Shore sediment dispersal pattern and hydrographic condition in the near-shore regions of Honnavar and Bhatkal, Uttara Kannada Dist.	3 years (2002 – 06)	9.16 Lakhs	DOD	Completed	01 No.
Satellite based study of coastal dynamics and long term shoreline changes along the coast of Uttara Kannada District, Karnataka.	3 years (2002-06-07)	6.23 Lakhs	ISRO	Completed	01 No.
Siltation and Sediment dynamics in navigational channel of Bhatkal port, Central west coast of India.	3 years (04 to Sept07)	7.55 Lakhs	UGC	In progress	01 No.
Surf Zone Morphodynamics and foreshore sedimentation processes along the coast between Bhatkal and Baidur, Karnataka (Ref No.N/oES/11-MRDF/1 /47 /P/ 06 dated 28.02.2007	Apr.2007- Apr.2010	16.08 lakhs	DOD	In progress	01

**Papers Presented :**

Sl. No	Details of Papers Presented
1	“Management of coastal erosion problem, present status of art with special reference of Karnataka coast- A review”. Presented in a National Seminar on ‘New paradigms in Civil Engineering constructions’ held at Anjuman Engg. College, Bhatkal in November, 1996.
2	“Coastal Zone Management, a need for holistic approach” presented in a National Level Workshop on ‘Forest, Forest products and Coastal population’ held at Chennai

	in February 1999.
<b>3</b>	“Management of Coastal wetlands with special reference to Uttara Kannada coast” presented in a national level workshop cum International Geological Correlation Programme 367 meeting held at Treechi in October., 1999.
<b>4</b>	Presented invited talk on “Problems of planning, Research and Coastal Zone Management” at Karnataka Regional Engineering College, Suratkal in December 1999.
<b>5</b>	Invited talk in Meeting of Mining Engineers Association of Karnataka. on “Challenges for mining industry in 21 <sup>st</sup> century” on 24 <sup>th</sup> July held at Belgaum, Karnataka.
<b>6</b>	Presented Invited lecture on “Remote sensing and GIS application in Environmental management”. in a national level awareness workshop held at Manipal Academy of Higher Education on 25 Spt. 2004.
<b>7</b>	Attended International Seminar on Geospatial Data for Disaster Management held at Goa from 25 <sup>th</sup> to 27 <sup>th</sup> September 2006
<b>8</b>	Sedimentation process in the vicinity of Sharavati estuary, central west coast of India. Presented during seminar on offshore and coastal resources and mineral exploration held at Mangalore University Feb.2003.
<b>9</b>	Palaeo Channels In the near-shore regions off Honnavar, Central west coast of India. Presented during a national seminar on Coastal zone dynamics and environmental challenges” held at University of Kerala, during Jan 28 <sup>th</sup> and 29 <sup>th</sup> ,2004.
<b>10</b>	National seminar on Deltas of India held at Andra University,Visakhapatnam during Nov 2-4, ,2004 .Presented paper on “Morphodynamic status of the beaches in the Vicinity of Venkatapur river mouth, near Bhatkal, Central West Coast of India”

**Signature of the Employee**

**Faculty Name** : Dr. A.V. Shivapur

**Date of Birth** : 09.04.1962

**Education Qualification** :



Degree	Degree Title	University Details	Grade Obtained	Remarks if any
Under Graduate	B.E. Civil Engg.	Karnatak University, Dharwad	64% First Class	
Post Graduate	M.E.(Hydraulics)	Mysore University, Mysore	74% First Class with Distinction	
PhD	Ph.D. (Civil Engg.)	Kuvempu University, Shimoga		

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	21	
Research	06	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Flow Measurements
2	Watershed management

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Hydraulics & Hydraulic Machines
2	Irrigation Engineering & Hydraulic Structures

**Research Guidance** :

Sl. No	Description of Research work
1	Passive Control of High Speed Jets

**Research Publications** :

Sl. No	Details of Research Publications
1	<i>“Study on Flow Characteristic of Inclined Triangular Weir”</i> , ISH Jl of Hydraulic Engineering. Vol.9, 2003, No.2 pp: 80-88.
2	<i>“Generalized Head-Discharge Equation for Flow over Sharp Crested Inclined Inverted Triangular Notch-Weir”</i> Jl. of Irrigation and Drainage, ASCE.July/Aug.2004 pp: 325-330.
3	<i>“Participatory Approach for Sustainable Management of an Existing Tank- A Case Study”</i> Jl. of Civil Engineering Today, ASCE-IS, Vol XXVII, No.4 (April 2004), pp: 5-7.

4	<b><i>“Use of Inclined Rectangular Notch-Weir for Flow Measurement with Lesser Afflux”</i></b> Jl. of Applied Hydrology, Vol. XVII, No.1 (January 2004), pp: 59-68.
5	<b><i>“Discharge Characteristics for Flow through Inclined Triangular Notch-Weir”</i></b> , Jl. of Hydrology, Vol. 27, Number 1-2, March-June 2004, pp:43-53.
6	<b><i>“Inclined Sluice Gate for Flow Measurement”</i></b> . ISH Jl of Hydraulic Engineering. Vol.11, 2005, No.1 pp: 46-56.
7	<b><i>“Analysis of Flow Over Triangular Skew Weir in Rectangular Channel”</i></b> proceedings of International Conference on <b><i>“Civil Engineering”</i></b> , I.I.Sc., Bangalore, 23- 25 July 2001, Vol.II, pp:619-624.
8	<b><i>“Use of Generalised Discharge Equation for Flow Over Triangular Skew Weir”</i></b> proceedings of 28th National Conference on <b><i>“Fluid Mechanics and Fluid Power”</i></b> , Punjab Engineering College, Chandigarh,13-15 Dec. 2001,pp:350-356.
9	<b><i>“Design and Experimentation on an Inclined Inverted V-Notch”</i></b> proceedings of 2nd International National Conference on <b><i>“Fluid Mechanics and Fluid Power”</i></b> , IIT, Roorkee-67, 12-14 Dec. 2002, Vol.II, pp: 65-72.
10	<b><i>“Community Participation in Watershed Development”</i></b> proceedings of International Conference on <b><i>“Hydrology and Watershed Management”</i></b> , JNTU, Hyderabad-28, 18-20 Dec. 2002, Vol. II, pp: 125-129.
11	<b><i>“Study on Inclined Rectangular Weirs- A New Approach”</i></b> proceedings of Conference on <b><i>“Hydro-2002”</i></b> , Indian Institute of Technology, Mumbai-76, 6-17, Dec. 2002, pp: 70-74.
12	<b><i>“Flow through the Inclined Sluice Gates”</i></b> , proceedings of National Conference on <b><i>“Fluid Mechanics and Fluid Power”</i></b> , National Institute of Technology-Karnataka, Surathkal, 11-13 Oct. 2003,pp: 500-503.
13	<b><i>“Flow Through the Inclined Rectangular Slots”</i></b> , proceedings of National Conference on <b><i>“HYDRO-03”</i></b> , Indian Society for Hydraulics, CWPRS-Pune, 7- 8 Dec. 2003, pp: 353-357.
14	<b><i>“Inclined Sluice Gates for Flow Measurement and Control”</i></b> , proceeding of National Conference on <b><i>“Earth Resources Management”</i></b> , Kuvempu University, Shimoga, 27-28, Jan 2004.
15	<b><i>“People’s Participation in Rejuvenation works of Daddi Kamalapur Tank”</i></b> , Abstract Vol. of National Seminar on <b><i>“Forest, Water and People”</i></b> , National Institute of Hydrology, Belgaum, 29-30 July, 2004.
16	<b><i>“Parabolic Characteristics of a Trapezoidal Weir”</i></b> , National Seminar on Geometry, Algebra, Fluid Mechanics, Computer Science, Department of mathematics, Kuvempu University, 9-11, November 2004.
17	<b><i>“Enhancing Discharge Capacity of Trapezoidal Weir with Inclination”</i></b> National Conference on <b><i>“HYDRO-04”</i></b> , VNIT, Nagpur in association with Indian Society for Hydraulics, CWPRS-Pune, 27- 28 Dec. 2004, pp:534-541.
18	Closure for the discussion raised by Burcu Altan Sakarya on the paper <b><i>“Generalized Head-Discharge Equation for Flow over Sharp Crested Inclined Inverted Triangular Notch-Weir”</i></b> Jl. of Irrigation and Drainage, ASCE,July/Aug.2004 pp: 325-330. has been published in the International Journal of Irrigation and Drainage, ASCE., Jan/Feb 2006, pp:80-83.
19	A paper on <b><i>“Inclined Rectangular Slots for Flow Measurement”</i></b> has appeared in the Jl. of Civil Engineering Today, ASCE-IS, Vol 3, No.1 Dec. 2005-Jan. 2006, pp: 13-17.
20	A paper titled <b><i>“Study on Discharge Characteristics of Sharp Crest Inclined Trapezoidal Notch-Weir”</i></b> has been published in the ISH Jl. of Hydraulic Engineering, Vol.12,No.2,2006, pp:118-129.

**Projects under taken :**

Sl. No	Details of Project Under Taken
1	The AICTE, New Delhi sponsored R & D Project work on “ <b>Analysis of Flow over Inclined Weirs of Simple Geometric Shapes</b> ” – Completed during the year 2006-07

**Training Programme Undergone :**

Sl. No	Details of training Programme undergone.
1	“ <b>Computer Applications in Surface and Ground Water Hydrology</b> ” held at Sri. G.S. Institute of Technology and Science, Indore (M.P.) from <b>8.1.1996 to 20.1.1996</b> .
2	“ <b>Sustainable Development through Integrated Water Resources Planning and Management</b> ” held at IIT, Kharagpur (W.B.) from <b>28.12.1998 to 01.01.1999</b> .
3	“ <b>Irrigation Management</b> ” held at Regional Engineering College (Now called as National Institute of Technology), Warangal (A.P.) from <b>31.12.2001 to 12.01.2002</b> .
4	“ <b>Ground Water Balance</b> ” held at National Institute of Hydrology (NIH), Belgaum. <b>18th-22nd March 1996</b> .
5	“ <b>Hydrological Modeling of Mountainous Watersheds</b> ” held at NIH, Belgaum. <b>05-09 Aug. 1996</b> .
6	“ <b>Hydrological Problems of Hard Rock Region</b> ” held at Institution of Engineer’s, Belgaum organized by NIH, Belgaum. <b>15th March 1997</b> .
7	“ <b>Concrete Technology</b> ” held at B.V.B. Engg. College, Hubli. on <b>31st Oct.1998</b> and organised jointly by The Institution of Engineers (India), Dharwad and B.V.B. College of Engg., Hubli.
8	“ <b>Valuation</b> ” held at Chamber of Commerce, Hubli on <b>26.03.2000</b> and organized jointly by The Institution of Engineers (India), Dharwad and Institution of Valuers, Karnataka Sub Zone, Hubli.
9	“ <b>Role of Gates and Their Control in Water Resources Projects</b> ” from <b>28 -30, June 2000</b> at Belgaum organised by CBIP New Delhi.
10	“ <b>Internet and E-mail</b> ” from <b>4-3-2001 to 31-3-2001</b> conducted by KHK Institute of Engg., Dharwad.
11	“ <b>Water Supply and Sanitation Problems of Hubli- Dharwad Cities</b> ” on <b>30-05-2001</b> organised by IE (I), Dharwad in association with Bhageerath, NGO, Dharwad.
12	National seminar on “ <b>Concrete Structures in Challenging Environments</b> ” held at Hotel Naveen, Hubli, <b>21-22 Dec 2001</b> .
13	“ <b>Geomedia Professional, GMS Terrain, MF Works</b> ” held at SDM College of engineering and Technology on <b>31-01-2002 and 1-2-2002</b>
14	“ <b>Remote Sensing and GIS Applications in Hydrology and Water Resources Engineering</b> ” held at National Institute of Hydrology (NIH), Belgaum. <b>23rd-25th September 2002</b> .
15	Two days workshop on “ <b>Review of Syllabus In Civil Engineering</b> ” held on <b>8th and 9th of March 2003</b> at SIT, Tumkur.
16	“ <b>Repair and Rehabilitation of Masonry and Concrete Structures</b> ” on <b>10<sup>th</sup> Oct 2004</b> , conducted jointly by INSTRUCT and DR. FIXIT INSTITUTE at IE(I), Dharwad.
17	“ <b>Imperative on Rainwater Harvesting and Reuse in Urban and Rural Areas</b> ” on <b>21<sup>th</sup> Oct 2005</b> , conducted by RV College of Engineering Bangalore

**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	All material & soil testing

**Papers Presented :**

Sl. No	Details of Papers Presented
1	<i>“Effective Irrigation Water Management Through The Farmers’ Participation”</i> proceedings of technical Seminar on <i>“Irrigation”</i> , The Institution of Engineers (India), Belgaum Local Center, Belgaum, 5th Jan. 1995, pp:1-9.
2	<i>“Strategies for Improving Irrigation Water Management”</i> proceedings of the National Seminar on <i>“New Paradigms in Civil Engineering Practices”</i> , Anjumen Engineering College, Bhatkal, 1&2 Dec. 96, pp: 693.
3	<i>“Institutional Development-Some Strategies”</i> proceedings of the National Seminar on <i>“Alarming Failure Rates in Technical Institutions- Causes and Remedial Measures”</i> , Anjumen Engineering College, Bhatkal, 26-27 Nov. 1997, pp:44-46.
4	<i>“Problems and Steps Needed to Improve the Quality of Technical Education”</i> proceedings of the National Seminar on <i>“Quality Engg. Education in Cyber Age”</i> held jointly by KLES’s College of Engineering , Belgaum and The Institution of Engineers(India), Belgaum Local Centre, 15th September 1999,pp:151-154.
5	<i>“Statistical Analysis of Floods in the Cauvery Sub-Basins”</i> abstract volume of National Seminar on <i>“Water Resources and Sustainable Development in Next Century”</i> , held at Shivaji University, Sholapur in association with Association of Hydrologist of India, Visakhapatnam (TN), 27th - 28th Dec. 1999, pp: 27.
6	<i>“Estimation of Physical Transport Parameters for Ground Water Quality Modeling Studies”</i> proceedings of the National Seminar on <i>“Ground Water Management &amp; Rural Development”</i> , Anjumen Engineering College, Bhatkal, 9&10 Oct.2002,pp:130-133.
7	<i>“Vermiculture Bio-Technology : A self help rural sanitation technology.”</i> proceedings of the National Seminar on <i>“Ground Water Management &amp; Rural Development”</i> ,Anjumen Engineering College, Bhatkal,9 &10 Oct.2002,pp:168-170.
8	<i>“Co-ordinated Research Efforts for Sustainable Watershed Projects”</i> , proceedings of National Conference on <i>“Emerging Trends in Engineering, Technology and Management”</i> , Adhiyaman Engineering College, Hosur (Tamil Nadu) on 8 & 9 Sept. 2003. (Brought out on CD).
9	<i>“Hydrological Studies on Neerasagar Reservoir Catchment”</i> , Souvenir and Abstract Volume of International Seminar on <i>“Watershed Development”</i> , Andhra University, Visakhapatnam, 16-18 Oct. 2003.Souvenir and Abstract Volume, pp: II-1.
10	<i>“Conjunctive use of Surface and Ground water in Selected Taluks of Belgaum District”</i> , proceeding of International Conference on <i>“Advanced Modelling Techniques for Sustainable Management of Water Resources”</i> , National Institute of Technology, Warangal, 28-30, Jan 2004, pp: 233-235.
11	<i>“Road Construction on hilly Forest and their Impact on Hydrological Aspects”</i> , Abstract vol. of National Seminar on <i>“Forest, Water and People”</i> , National Institute of Hydrology, Belgaum, 29-30 July, 2004.
12	<i>“Organization Charts for a Technical Institute”</i> Proceedings of Workshop on <i>“Teaching and Techniques in Technical Education”</i> , SDM College of Engineering and Technology, Dharwad, 26-28 Aug, 2004., Anmol Publications Pvt. Ltd. pp: 147-154.
13	<i>“Reforms in Engineering Scheme at Under Graduate Level”</i> Proceedings of Workshop on <i>“Teaching and Techniques in Technical Education”</i> , SDM College of Engineering and Technology, Dharwad, 26-28 Aug, 2004., Anmol Publications Pvt. Ltd. pp: 247-253

<b>14</b>	<b><i>“Hydrology and Hydraulics in Bridge Design”</i></b> Seminar on Communication and Building, conducted by Institution of Engineers (India), Dharwad Local Centre at Karwar, 13 May, 2005.
<b>15</b>	<b><i>“Morphometric Analysis Of Bennihalla Watershed A Tributary Of River Malaprabha”</i></b> National Conference on <b><i>“HYDRO-05”</i></b> , SIT, Tumkur in association with Indian Society for Hydraulics, CWPRS-Pune, 8- 9 Dec. 2004, pp:534-541.

**Awards :**

<b>Sl. No</b>	<b>Details of Awards</b>
<b>1</b>	Received <b><i>“Bharat Vikas Award”</i></b> in recognition of contributions made to Education, Engineering and Society. Award was honored by <b><i>Integrated Council for Socio Economic Progress (Regd), New Delhi on 29<sup>th</sup> May 2002</i></b> during the <b><i>National Seminar on “Development Challenges towards 21<sup>st</sup> Century India”</i></b> held at Bangalore.
<b>2</b>	Received <b><i>“Great Achievers of India”</i></b> award. The award was given by <b><i>“Front for National Progress (Regd), Delhi.</i></b>

**Signature of the Employee**

**Faculty Name** : Sri. K.D. Nadgauda

**Date of Birth** : 18.05.1956

**Education Qualification** :



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE (Civil)	Karnataka University	FC	
Post Graduate	ME(Geotech)	Goa	FC	

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	23	
Others	03	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Geotechnical Engineering
2	Ground Improvement Techniques

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Quality Management System in Civil Engineering

**Research Publications** :

Sl. No	Details of Research Publications
1	
2	Presented & published titled "Red Mud Stone Blocks" – A Low Cost Construction Technique in Indian Geotechnical Conference held at Motilal Nehru Regional Engineering College, Allahabad, on December, 2002

**Training Programme Undergone** :

Sl. No	Details of training Programme undergone.
1	Present a paper titled "Red Mud Stone Blocks" – A Low Cost Construction Technique in Indian Geotechnical Conference held at Motilal Nehru Regional Engineering College, Allahabad, on December, 2002
2	Two days workshop on "Appropriate Building Techniques for Foundation and Superstructure" at JNNN College of Engineering, Shimoga on 05.01.2003 to 06.01.2003

3	Attended 'Short term course on Black Cotton Soil' in Sept.1998.
4	Indian Geotechnical Conference at Indore, Dec.2001.
5	National Seminar on "Coastal Zone Management", at SDMCET, Jan1998.
6	National Seminar on "Management of Coastal Resources & Its Environs", at SDMCET Jan 2001.
7	One day Workshop on "Accreditation", at SDMCET, May 2001.
8	Participated / Delivered lectures in various CEP courses at SDMCET for the PWD Engineers.
9	National Seminar on "Environmental Pollution", in Dec 1996
10	One day workshop on "Fire Safety in Buildings" at NIE, Mysore, April 2007

**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	Soil Testing to various agencies like IOCL, KLAC, ZPE, PWD, LIC, West Coast Paper mills, Dandeli, RGRHC, Bangalore, R.N. Shetty Co., Mott McDonald Consultants, Gadag, Postal Civil Division Mysore, SW Railway etc.

**Papers Presented :**

Sl. No	Details of Papers Presented
1	Paper presented and published in the proceeding of Indian Geotechnical Society Conference held at Indore 2001 titled 'Rehabilitation and restoration of Boys and Girls hostel at Navalgund, Dist- Dharwad – A case study'
2	Geotech. Characteristics and Distress of buildings in B.C. Soils – presented and published in Conference Indian Geotechnical Society Conference held at Indore 2001

**Signature of the Employee**

**Faculty Name** : Dr. S.B. Vanakudre

**Date of Birth** : 22.02.1960



**Education Qualification** :

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE Civil	Mysore University	First Class With Distinction	
Post Graduate	ME(Structures)	Shivaji University	First Class	
PhD	Awarded	VTU		

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	23	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Structural Engineering
2	Concrete Technology

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Elements of Civil Engineering
2	Reliability Analysis And Reliability Based Design of Structures

**Research Publications** :

Sl. No	Details of Research Publications
1	Paper presented and published in the proceeding of Indian Geotechnical Society Conference held at Indore 2001 titled 'Rehabilitation and restoration of Boys and Girls hostel at Navalgund, Dist- Dharwad – A case study'
2	Presented & published titled "Red Mud Stone Blocks" – A Low Cost Construction Technique in Indian Geotechnical Conference held at Motilal Nehru Regional Engineering College, Allahabad, on December, 2002
3	Paper presented and published in the proceedings of National Conference on Advances in Civil Engg. Materials and construction technology held at Sri Siddhartha Institute of Technology Tumkur during May 2004 titled "Statistical

	Analysis of Properties of Coarse Aggregate of Dharwad Region”,
4	Paper presented and published in the proceedings of National conference on New Perspective and Paradigm in Material, Design and Construction of Civil Engg. System in Jan 10th and 11th 2005 held at Institute of Technology, Coimbatore, Tamilnadu, titled “Probabilistic Approach of Analysis of Properties of Fine Aggregate of Thungabhadra River bed”
5	Volumetric proportion of Concrete Mix A Probabilistic Approach published in the proceedings of One day workshop at NITk, Surathkal

**Training Programme Undergone :**

Sl. No	Details of training Programme undergone.
1	NPEE, IIT, Madras i) Finite Elements in Earthquake Engineering ii) Probability Methods in Earthquake Engineering
2	National workshop o Research project in Structural Engineering on 20 <sup>th</sup> to 21 <sup>st</sup> Jan, 2005, Bannari Institute of Technology, Tamil Nadu
3	National seminar on restoration, Rehabilitation and reliability of Structures – 2005 on 6 <sup>th</sup> December 2005 at RV College of Engineering, Bangalore

**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	All building material testing to various agencies like KLAC, ZPE, HDMC, Power Grid Corpn., NGEF, PWD etc.
2	Structural Consultancy given to KLAC, NGEF, HDMC etc.

**Papers Presented :**

Sl. No	Details of Papers Presented
1	Paper presented “ <i>Reliability of Volume Mixes</i> ” Workshop on “Challenges in Concrete Construction” held at Vijayanagar College of Engineering, Bellary on 05.04.2007
2	National level conference on Frontline Areas of Civil Engg. held at VLB, Janakiammal College Engineering & Tech., Coimbatore on 20-21 April 2007

**Signature of the Employee**



**Faculty Name** : Sri. N.S. Nadgir

**Date of Birth** : 25.07.1960

**Education Qualification** :

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE (Civil)	Karnataka University	69%, First Class	
Post Graduate	ME (Structures)	Bangalore University	71% First Class	
PhD	Ph.D.	Registered with VTU	In progress	

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	23	
Research	Ph.D.	On going

**Area of Specialization** :

Sl. No	Area of Specialization
1	Structural Engineering
2	Concrete Technology
3	Masonry Structures
4	Earthquake Engineering

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Building Planning and Drawing
2	Design of Masonry Structures
3	Earth Quake Resistant Design of Structures

**Research Publications** :

Sl. No	Details of Research Publications
1	Limit State Behaviour of RC Beams Strengthened by Epoxybonded Steel Plates , Indian Concrete Journal, March, 1991, PP 124-129.
2	Paper presented & published in National Conference on 'Alternate Materials' held at MSRIT, Bangalore during May 2006 on 'Properties of concrete using quarry dust'.

**Training Programme Undergone :**

<b>Sl. No</b>	<b>Details of training Programme undergone.</b>
1	Finite Element Methods – NISA Applications at Ghousia College of Engg., Ramanagarm on 14.03.2002
2	Finalization of Syllabus for VTU I and II Sem at BIET, Davangere on 05.06.02
3	National Workshop on fast track construction at GIT, Belgaum on 6.12.03
4	Alternative and Innovative building materials & Technology at BVBCET, Hubli on 19.12.03 & 20.12.03
5	Workshop on faculty development at SDMCET, Dharwad, 26.08.04 to 28.08.04
6	Two days national seminar held on “Marginal Materials” at MSRIT, Bangalore – May 2006

**Consultancy Services :**

<b>Sl. No</b>	<b>Details of Consultancy services.</b>
1	All material & soil testing made to various agencies like Power Grid Corpn, ZPE, PWD, etc
2	Consultancy Hatti Gold Mines, HDMC etc.

**Papers Presented :**

<b>Sl. No</b>	<b>Details of Papers Presented</b>
1	Limit State Behaviour of RC Beams Strengthened by Epoxybonded Steel Plates , Indian Concrete Journal, March, 1991, PP 124-129.
2	Paper presented & published in National Conference on ‘Alternate Materials’ held at MSRIT, Bangalore during May 2006 on ‘Properties of concrete using quarry dust’.

**Signature of the Employee**

**Faculty Name** : Sri. S.G. Joshi

**Date of Birth** : 22.07.1960



**Education Qualification** :

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E. (Civil)	Karnataka University, Dharwad	71.00 First Class with Distinction	
Post Graduate	M.E. (Environmental Engg.)	Bangalore	68.73 First Class	
PhD	Pursuing	Registered with VTU		

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	23	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Environmental Engineering

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Surveying –II
2	Surveying Practice
3	Environmental Engineering - II

**Research Guidance** :

Sl. No	Description of Research work
1	Masters thesis on “Water Hyacinth : a Conventional Source of Energy : Case Study Kolikere Tank, Dharwad, Karnataka state” for master of Ecology and Environment, Shri. I.T.Shirkol SDMCET, Dharwad, 1999.
2	Masters thesis on “A study on dairy effluent treatment using water”
3	Masters thesis on “Liquid waste management of Hubli-Dharwad -A case study” for Master of Engineering in Environmental Engineering, Shri. S.D.Kunachi KLES College of Engg. Belgaum in the year 2000.

**Projects under taken :**

Sl. No	Details of Project Under Taken
1	Principal Investigator for a Project On Thrust Area Titled “Comprehensive Water Resource Management for the Semi Arid and Low Rainfall Regions of North Karnataka” funded by AICTE worth Rs. 19.00 Lakhs.
2	Co. Principal Investigator for a R&D Project Titled “Analysis of Flow Over Inclined Weirs of Simple Geometric Shapes” ” funded by AICTE worth Rs.1.92, Lakhs with Dr. A.V.Shivapur as P.I.

**Training Programme Undergone :**

Sl. No	Details of training Programme undergone.
1	Design Of Microbial Treatment Of Industrial Wastes ” At Birla Mahavidyala , Vallabh Vidyanagar Gujarat . 3-15 December 1990.
2	“ Control of flurosis” Conducted by Rajiv Gandhi National Drinking Water Mission a S.J.C.Engg. College ,Mysore , 18-20 Jan 1994.
3	Integrated Remote Sensing Studies for National Resource Management” conducted at Government Engineering College under I.S.T.E. , Bhopal , 16-29 May 1994.
4	Workshop on “Fluorosis and Its Control” held at Bapuji Institute of Engineering and Technology, Davanagere, 19-20 August 1995
5	“Eco-Management of Coastal Areas” under I.S.T.E. Conducted at College of Engineering, Goa, 26 May -10th March 1996.
6	“Part Time Trainers Training Programme in Pedagogy and Undergogy” Organised by Environmental Training Institute at Bangalore and Mysore from 17-28 June 1996.
7	“Workshop on Standardization Needs of Environmental Laboratories in Karnataka” Under Environmental Training Institute , Bangalore, During 28-31 October 1996.
8	Test Run Training Programme on “Air Pollution and Control organised by Environmental Training Institute held at ETI, Chennai during 18-24 June 1997.
9	“Indo-us Workshop on Urban Air Pollution” at I.I.Sc. Bangalore during 23-25 January 1998.
10	“One Day Workshop on Environmental Awareness Campaign 1999-2000” Conducted by Ministry of Environment and Forest and Karnataka Rajya Vijnana Parishat Bangalore on 22nd January 2000.
11	“Strategies on Environmental Planning and Management for Peri-Urban Interface” funded by Department for International Development UK., and held at University of Agricultural Sciences, Dharwad on 6-7 <sup>th</sup> March 2000.
12	AICTE-ISTE Sponsored Short Term Training Programme on “Environmental Management for the New Millennium” held at R.I.T. College of Engg. Islampur during 22 <sup>nd</sup> May -2 <sup>nd</sup> June 2000.
13	Training Programme on “Pollution Control Laws and Compliance” Organised by ETI-KSPCB and held at Naveen Hotel , Hubli on 21 <sup>st</sup> July 2000.
14	Training Program on “Participatory Approaches to Understanding Sustainable Livelihoods” held at Myrada Holalkere sponsored by DFID, UK, from 5 <sup>th</sup> March to 9 <sup>th</sup> March 2001
15	Participated in One Day Workshop on “Plastic Manufacturing, Usage and

	Management at Institution of Engineers, Local Centre , Dharwad sponsored by Karnataka Rajya Vijnan Parishat, Under National Environmental Awareness Campaign 2001; March 2001.
16	One Day Workshop on “Water Supply and Sanitation Problems of Hubli-Dharwad Cities” jointly Organised by the Institution of Engineers and Bhageerath (NGO) Dharwad held at Institution of Engineers Local Centre, Dharwad on 30 <sup>th</sup> May 2001.
17	Facilitated a Two Days Diagnostic Workshop on “Hubli-Dharwad Participatory Action Planning Project” organised by University of Agricultural Sciences , held at CEDOK, Dharwad , 6-7 June 2001.
18	Participated in two days Regional Workshop on “Rain Water Harvesting” held at Hotel Le Olive Garden organized by CART, NIE, Mysore on 10 <sup>th</sup> - 11 <sup>th</sup> March 2003.
19	Undergone Intensive Continuing Education Course on “Air Pollution and Control” conducted by I.I.Sc. Bangalore from 21 <sup>st</sup> -26 <sup>th</sup> April 2003.
20	Undergone Intensive Continuing Education Course on “Environmental Management” conducted by I.I.Sc. Bangalore from 12 <sup>th</sup> to 17 <sup>th</sup> May 2003.
21	Attended three week Refresher Course on “Spatial Information and Communication Technology & Applications” held at Academic Staff College JNTU, Hyderabad from 19.01.04 to 07.02.04.
22	Attended one day Workshop on “Programme on Environment & Pollution Awareness” held at Adichunchanagiri Institute of Technology, Chikamagalur on 29 <sup>th</sup> May 2004.
23	Attended National Seminar on “By Laws for Implementation of Environmental Friendly Projects” conducted by K.H.Kabbur Institute of Engineering at Institute of Engineers Dharwad on 18 <sup>th</sup> July 2004.
24	Attended Infosys sponsored soft skill programme at Mysore from 11.09.2006 to 15.09.2006
25	'Hydrology and Watershed Management' held at JNTU, Hyderabad on 5th Dec.2006 to 7th Dec. 2006
26	Effective Participation in Institution Development held at SDMCET, Dharwad. On 04.01.2007

**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	All types of Survey work & Water & Waste water testing to various agencies like IOCL, KUWS, PWD, ZPE, PRE, etc.

**Papers Presented :**

Sl. No	Details of Papers Presented
1	Impact Of Proposed Bedti Hydal Project on Ecology of Western Ghats ” at National Seminar , Karnataka University , Dharwar . March 1991.
2	“Solid Waste Management A Case Study in Bangalore City ” at National Seminar on “Environmental Pollution and Control” held at K.L.E.Engineering College , Belgaum ,April 1997.
3	Impact of Proposed Bedti Hydal Project on Ecology of Study of Urban Waste Markets” In Peri Urban Interface Product Systems Research Programme for Hubli - Dharwad City, Conducted at S.D.M. Engineering College , Dharwad under Natural

	Resource Institute International , U.K. 15-16 July 1997
<b>4</b>	“Waste Recirculation and Recycling” in the Workshop on “Improved Utilization of Urban Waste by Near Urban Farmers in the Hubli-Dharwad City Region.” held at S.D.M.College of Engg.& Tech on 2 <sup>nd</sup> Sept 1998.
<b>5</b>	“Peri-Urban Approach to Solid Waste Management in Hubli- Dharwad City Karnataka” an All India Conference on “Environmental Pollution- Strategies for Control and Abatement” organized by the Institution of Engineers (India), Tirupati Local Centre and Shri Venkateshwara University College of Engineering, Tirupati, during 16 <sup>th</sup> and 17 <sup>th</sup> July 1999
<b>6</b>	“Generation of Compost on Large Scale: Reflections from Pilot Scale Studies.” in a Workshop on “Using Urban Waste: Constraints and Opportunities” held at University of Agricultural Sciences, Dharwad on 22 <sup>nd</sup> Nov. 1999.
<b>7</b>	“Improved Utilization of MSW in Hubli- Dharwad City, Karnataka - A Case Study” in National Seminar on “Bio-Medical and Solid Waste Management” at V.J.T.I., Mumbai , Jan 15-16 2000.
<b>8</b>	“Hospital Waste Management ; Requirements and Current Practices” in Bharata Ratna Sir M. Visveswaraya Memorial National Seminar on Environmental Pollution and Management held at University of Agricultural Sciences Dharwad , Nov 2000.
<b>9</b>	“An Integrated Approach to Industrial Waste Management - A Case Study” in Bharata Ratna Sir M. Visveswaraya Memorial National Seminar on Environmental Pollution and Control ‘Environfest 2001’ held at Institution of Engineers, Belgaum, 19 <sup>th</sup> Nov 2001.
<b>10</b>	“Strategies for Distillery Sludge Management - A Case Study” in All India Convention on ‘Low Cost Biotechnology Applications In Pollution Prevention and Control’ organised by National Centre for Technical Development and held at Hotel Ceunter Mumbai on 28-29 Dec. 2001, which has received a cash award of Rs. 1000/-
<b>11</b>	“Restoration of Kolikere Tank, Dharwad, Karnataka State” in a Symposium on Conservation, Restoration and Management of Aquatic Ecosystem held at I.I.Sc. Bangalore from 9 <sup>th</sup> -13 <sup>th</sup> Dec.2002
<b>12</b>	“Study of Land Sales as a Tool for Urban Environmental Planning and Management in the Peri Urban Interface ” at National Seminar on Urban Environmental Management held at P.M.C. College of Technology for Women, Vallam, Tamilnadu on 11-12 Feb 2003.
<b>13</b>	“Environmental Concerns of Vehicular Air Pollution” in One Day Seminar on “Vehicular Air Pollution” conducted jointly by R.T.O., and S.D.M.C.E.T. Dharwad on 24.11.2003.

**Signature of the Employee**

**Faculty Name** : Sri. I.T Shirkol

**Date of Birth** : 14.03.1962

**Education Qualification** :



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE (Civil)	Karnataka University	First Class	
Post Graduate	MEE (Ecology & Environment)	MCNUJ, Bhopal	First Class	
PhD	Pursuing	Registered with VTU		

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	23	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Ecology & Environmental Engineering
2	Geographical Information Systems
3	Watershed Management

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Elements of Civil Engineering
2	Surveying Practice -II Laboratory
3	Design and Drawing of RC Structures

**Research Publications** :

Sl. No	Details of Research Publications
1	Morphological Parameter Estimation for Benni Halla Water Shed of River Malaprabha, Karnataka, India published in Jl. of Applied Hydrology, Vol XIX, No.4 Oct. 2006

**Training Programme Undergone :**

Sl. No	Details of training Programme undergone.
1	Attended A Refresher Course On Spatial Information & communication Technology And applications At JNTU Hyderabad from 19 Jan To 7 Feb 2004
2	Attended a n Intensive Continuing Education Course on Air Pollution Control conducted by centre for continuing Education by IISC Bangalore from 21 to 26 April 2003

**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	All building material Testing to various agencies like ZPE, Power Grid, Jal Nirmal Project, Gram Panchayat, KUWS etc.

**Papers Presented :**

Sl. No	Details of Papers Presented
1	“Restoration of Kolikere Tank, Dharwad, Karnataka State” in a Symposium on Conservation, Restoration and Management of Aquatic Ecosystem held at I.I.Sc. Bangalore from 9 <sup>th</sup> -13 <sup>th</sup> Dec.2002
2	Presented a paper ‘Morphometric Analysis of Bennihalla Watershed a Tributary of River Malaprabha’ in a National Conference Hydro – 2005 at SIT, Tumkur on 8 <sup>th</sup> and 9 <sup>th</sup> December 2005.
3	Presented a paper a National seminar Hydrology on “Morphological parameter estimation for Bennihalla Water of River Malaprabja, Karnataka University, Dharwad on 27.12.2005 & 28.12.2005
4	“Environmental concerns of vehicular air pollution” in one day seminar on “Vehicular Air Pollution” conducted jointly by RTO and SDMCET, Dharwad, on 24.11.2003

**Signature of the Employee**

**Faculty Name** : Sri. M.S. Patil

**Date of Birth** : 10.11.1961



**Education Qualification** :

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E.(Civil)	Karnataka University, Dharwad	67.50 First Class	
Post Graduate	M.U.R.P.	School of Planning Arch, New Delhi	64.00 Passes	
PhD	Pursuing	Registered with VTU		

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	21	
Research	04	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Urban & Regional Planning

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Elements of Civil Engineering
2	Concrete Technology
3	Building Planning and Drawing

**Training Programme Undergone** :

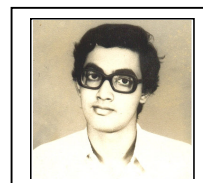
Sl. No	Details of training Programme undergone.
1	Workshop on VTU Model Question paper in Elements of Civil Engineering held at B.I.T. Bangalore on 20.10.2002
2	One day workshop for prepaying Syllabi and Model Question Papers of III & IV Semester B.E. (Civil) held at K.V.G. College of Engineering, Sullia on 10.05.2003
3	VTU Workshop for Revision of syllabus for V & VI Sem of B.E. Civil Engg. held at Sri. Jayachamarajendra College of Engg., Mysore on 29.11.2003
4	Refresher course on "Spatial Information & Communication Technology &

	Applications" held at Academic Staff College, JNTU, Hyderabad on 19.01.2004 to 07.02.2004
5	Blue print for success in Dec 2006
6	Lecturing to lead Adaptively at Hotel Atria, Bangalore organized by SIT, Tumkur on 5th & 6th June 2007.

**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	Third party inspection of Layouts handing over to HDMC & All building material testing to various agencies like Power Grid Corpn., KLAC, KUWS, ZPE etc.

**Signature of the Employee**



**Faculty Name** : Sri. K.V. Pramod

**Date of Birth** : 12.04.1964

**Education Qualification** :

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E. (Civil)	Mangalore University	II Rank 80% FCD	
Post Graduate	M.Tech. (Structures)	NITK, Suratkal	75% FCD	

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	19	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Structural Engineering

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Design and Drawing of Steel Structures
2	Pavement Design
3	Computer Aided Stability Analysis of Structures

**Training Programme Undergone:**

Sl. No	Details of training Programme undergone.
1	Effective Participation in Institution Development held in SDMCET, Dharwad on 04.01.07

**Consultancy Services** :

Sl. No	Details of Consultancy services.
1	Third Party inspection – HDMC, all material testing to various agencies like Power Grid Corpn., ZPE, KLAC, KWUS etc.

**Faculty Name** : Sri. R.J. Fernandes

**Date of Birth** : 03.02.1975

**Education Qualification** :



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE (Civil)	Karnataka University	65%, First Class	
Post Graduate	M.Tech (Structures)	Mangalore University	75% First Class	
PhD	Doing Ph.D.	VTU		

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	05	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Structural Engineering

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Elements of Civil Engineering
2	Matrix Methods Of Structural Analysis
3	Computer Aided Analysis of Structures

**Training Programme Undergone** :

Sl. No	Details of training Programme undergone.
1	Short-term –training programme on Structural Steel Design VNIT Nagpur, 10-15 Nov.2003
2	Staff Development Programme “The Art and Science of Teaching Engineering” NITTE Bangalore, 12-24 Jan-2004
3	One Semester duration programme on “Earthquake Engineering” IISc Bangalore, 2nd August to 31st December 2004
4	Finite Element in Earthquake Engineering. IIT Chennai 4 – 10 July 2005.
5	Probability Methods in Earthquake Engineering IIT Chennai 12-17 July 2005
6	Effective Participation in Institution Development held in SDMCET, Dharwad on 04.01.07

**Consultancy Services :**

<b>Sl. No</b>	<b>Details of Consultancy services.</b>
<b>1</b>	All material testing to various agencies like Power Grid Corpn., ZPE, KLAC, KWUS etc.

**Signature of the Employee**

**Faculty Name** : Sri. Udayashankar D Hakari

**Date of Birth** : 16.10.1963

**Education Qualification** :

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE (Civil)	REC , Warangal (Now Known as NIT Warangal)	70%, First Class	
Post Graduate	M.Tech	Government Engineering College, Goa University	77.17% First Class	First rank to University
PhD	---			

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	2 Years & 8 Months	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Geotechnical Engineering

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Geotechnical Engineering

**Signature of the Employee**

**Faculty Name** : Sri. Vijayanand S Dolli

**Education Qualification** :

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE (Civil)	Bangalore University	First Class	
Post Graduate	M.E	Regional Engg. College Tiruchirapalli.	Second Class	
PhD	Pursuing			

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	20 Years	

**Area of Specialization** :

Sl. No	Area of Specialization
1	Transportation Engineering

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Transportation Engineering

**Signature of the Employee**

**Faculty Name : Ms. Tejaswini Bhagwat**

**Education Qualification :**

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	BE (Civil)	Saurashtra University, Lukdhirji Engg. College Morvi.	66.8%	
Post Graduate	M.E	Shivajirao University, Baroda	64.2%	
PhD	Pursuing	NITK, Surathkal		

**Work Experience :**

Nature	No. of Years	Remarks if any
Teaching	Nil	
Research	06 Years	

**Area of Specialization :**

Sl. No	Area of Specialization
1	Water Resources Engg.

**Subjects Handling :**

Sl. No	Name of the Subject Handling Currently
1	Water Resources Engg.

**Signature of the Employee**

**Faculty Name : SACHINKUMAR M KULKRANI.**

**Education Qualification : B.E, M TECH**

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate				
Post Graduate				
PhD				

**Work Experience :**

Nature	No. of Years	Remarks if any
Teaching		
Research		

**Area of Specialization :**

Sl. No	Area of Specialization
1	Water Resources Engg.

**Subjects Handling :**

Sl. No	Name of the Subject Handling Currently
1	Water Resources Engg.

**Signature of the Employee**

SL. No.	Name & Details of the Company	No of Students Recruited	Salary Offered per Annum in Rs	
			Max	Min
1	Mfar Constructions Pvt. Ltd., Bangalore	01	2,00,000 (Apprx.)	1,00,000 (Apprx.)
2	Purvanker Projects Ltd., Bangalore	06		
3	M/s Neilsoft Technologies, Pune	05		
4	SYConE CPM Consultants, Bangalore	01		
5	M/s Shobha Developers Pvt. Ltd., Bangalore	01		
6	TOR Steel Research Foundation in India, Bangalore	01		
7	Water Supply Consultants	01		
8	Gannon and Dunkerly	01		

Annexure-C: Details of Infrastructure

Sl. No	Infrastructure	Area in Sq. mts	Remarks / Usage	
1	Class Rooms	1.	100	For regular classes & seminars
		2.	70	For regular classes
		3.	70	For regular classes
		4.	100	For regular classes
		5.	100	Drawing hall
2	Laboratories	1.	187.62	Mechanic of Materials
		2.	66.50	Transportation Engg.
		3.	114.00	Environment Engg.
		4.	160.97	Soil Mechanics
		5.	190.00	Irrigation Engg.
		6.	190.00	Fluid mechanics
		7.	120.43	Geo-technical Engg. Lab
		8.	80.72	Cad Lab
		9.	69.35	Concrete & Highway Lab
			93.70	Survey Store / Lab
		1272.86		
3	Dept. Library	50	No. of Titles : 201 (Approximately) No. of Volumes: 852	
4	HOD Room.	45		
5	Dept. Office	-		
6	Faculty Room	100		
TOTAL				

Annexure-D: List of Major Equipments/Computers / Software

Sl. No	Details of the Equipment /	Cost in Rs per Item	Qty	Total Cost in Rs.	Usage
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Department of Civil Engineering, SDMCET, Dharwad.

	Computers / Software ****				
1	Total Station	3,62,500.00	2	7,25,000.00	Required for regular practicals,project work and consultancy work.
2	Auto Levels	18,000.00	5	90,000.00	Required for regular practicals,project work and consultancy work.
3	Theodilite	4,162.50	16	66,600.00	Required for regular practicals,project work and consultancy work.
4	Spectro-photo Meter	1,29,100.00	1	1,29,100.00	Required for regular practicals,project work and consultancy work.
5	Electronic Balance	84,000.00	1	84,000.00	Required for regular practicals,project work and consultancy work.
6	Avery Balance, Time Switch, Sieve Shaker & Adaptor, Oven, Tamping Rod, Crushing Value Apparatus, Avery Balance 10kg	36,666.67	6	2,20,000.00	Required for regular practicals,project work and consultancy work.
7	Vee Bee Consistometer, Flow table, Ultrasonic Pulse velocity meter	3,00,000.00	1	3,00,000.00	Required for regular practicals,project work and consultancy work.
8	Triaxial Outfit for 38mm specimens, Triaxial Outfit hand operated 38x 76mm specimens	20,000.00	3	60,000.00	Required for regular practicals,project work and consultancy work.
9	Load Truss - 500kN	58,800.00	1	58,800.00	Required for regular practicals,project work and consultancy work.
10	Universal Testing Machine (UTM) 100T capacity with complete)	3,29,250.00	1	3,29,250.00	Required for regular practicals,project work and consultancy work.
11	Torsion Testing Machine - TT-20	56,900.00	1	56,900.00	Required for regular practicals,project work and consultancy work.
12	Compaq Prosignia Server	1,38,500.00	1	1,38,500.00	For department work.
13	Unicorp Diskless Nodes	28,900.00	5	1,44,500.00	For department work.
14	Hard Disk Drive	13,950.00	5	69,750.00	For department work.
15	UPS (2.0 KVA/30 min)	26,125.00	2	52,250.00	For department work.

Department of Civil Engineering, SDMCET, Dharwad.

16	UPS (0.5KVA	4,200.00	16	67,200.00	For department work.
17	Printers (Inkjet - 2nos. & Dot matrix - 2)	13,006.25	4	52,025.00	For department work.
18	HP Vectra VL420	50,000.00	2	1,00,000.00	For students and department work.
19	Compaq Desktop (380m x MT)	50,871.00	10	5,08,710.00	For students and department work.
20	Architectural Desktop 2004 + AutoCAD Map	115,000.00	1	115,000.00	For students and department work.
21	Envi 3.6 image processing software	165,000.00	1	165,000.00	For students, research and department work.
22	Envi 4.1 image processing software	104,000.00	1	104,000.00	For students, research and department work.
23	Geo Media Professional MF Works & MS Terrain Solutions	1,50,000.00	1	1,50,000.00	For students, research and department work.
24	STAAD-III (1 No.)	97,000.00	1	97,000.00	For students, research and department work.
25	NISA CIVIL - FEA Software	1,10,000.00	1	1,10,000.00	For students, research and department work.
26	Geo-media Professional 4.0 to 5.1	50,000.00	1	50,000.00	For students, research and department work.
27	Map Info Professional Academic Ver 7.0	20,000.00	3	60,000.00	For students, research and department work.
28	Concrete Test Hammer	54,000.00	1	54,000.00	Required for regular practicals,project work and consultancy work.
29	Ultrasonic Instrument	2,56,500.00	1	2,56,500.00	Required for regular practicals,project work and consultancy work.
30	Cube Moulds*	488.70	10	4887.00	Required for regular practicals,project work and consultancy work.
31	Vernier Caliper Mitutoyo *	7180.00	1	7180.00	Required for regular practicals,project work and consultancy work.
32	Platform Digital Balance 300kg Capacity*	14837.00	1	14837.00	Required for regular practicals,project work and consultancy work.
33	Digital Balance 10kg Capacity *	10627.00	1	10627.00	Required for regular practicals,project work and consultancy work.
34	Weighing Balance 5kg Capacity*	4261.00	1	4261.00	For weighing of cement, sand, aggregate during lab classes
35	Liquid Limit Apparatus Complete Set*	1852.20	5	9261.00	Required for regular practicals,project work and consultancy work.

Department of Civil Engineering, SDMCET, Dharwad.

36	Shrinkage Limit Apparatus Complete Set*	2393.50	2	4787.00	Required for regular practicals,project work and consultancy work.
37	Test Sieves 8" Dia Brass Frame*	315.75	8	2526.00	Required for regular practicals,project work and consultancy work.
38	Test Sieves 8" Dia Brass Frame 75 Micron*	421.00	1	421.00	Required for regular practicals,project work and consultancy work.
39	LCD Multimedia Projector Sharp*	130000.00	1	130000.00	For departmental / interdepartmental transfer of data
40	CD Writer 52X External*	5000.00	3	15000.00	For copying of data for faculty & students C.D writers are required
41	Transcend 128MB Pen Drive*	1300.00	1	1300.00	Substantial amount of electronic learning resources are created in the department and most of the faculty prefer to use LCD projector for regular class works, seminars, project presentation, Civil Engg. Association activities.
42	Electronic System Consisting of Transducer Module & Readout Unit for Consolidation*	70661.00	1	70661.00	Required for regular practicals,project work and consultancy work.
43	Shear Box Assembly & Shear Box Housing Set of Direct Shear*	13950.00	1	13950.00	Required for regular practicals,project work and consultancy work.
44	Vane Shear Apparatus Laboratory Purpose*	13500.00	1	13500.00	Required for regular practicals,project work and consultancy work.
45	Benkelman Beam *	16425.00	1	16425.00	Required for regular practicals,project work and consultancy work.
46	"ENKAY" CBR MOULDS*	4500.00	15	67500.00	Required for regular practicals,project work and consultancy work.
47	"ENKAY" Digital Compression Testing*	135000.00	1	135000.00	Required for regular practicals,project work and consultancy work.

\*\*\*\* Complete Specification of the equipment to be included.

\* Equipments procured under TEQIP.

Annexure-E: List of Major Projects

Sl. No	Details of the Projects	Sponsoring Agency	Coordinator	Total Cost in Rs.
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1	Near Shore sediment dispersal pattern and hydrographic condition in the near-shore regions of Honnavar and Bhatkal, Uttara Kannada Dist.	DOD	Dr.V.S.Hegde	9.16 Lakhs
2	Satellite based study of coastal dynamics and long term shoreline changes along the coast of Uttara Kannada District, Karnataka.	ISRO	Dr.V.S.Hegde	6.23 Lakhs
3	“Comprehensive Water Resource Management for the Semi-Arid and Low Rainfall Regions of North Karnataka”	AICTE	Sri. S.G.Joshi	19.0 Lakhs
4	Analysis of flow over inclined weirs of simple geometric shapes	AICTE	Dr.A.V.Shivapur	1.92 Lakhs
5	Siltation and Sediment dynamics in navigational channel of Bhatkal port, Central west coast of India.	UGC	Dr.V.S.Hegde	7.55 Lakhs
6	Hydrographic condition, Siltation in navigational channel of Sharavati estuary, central west coast of India.	UGC	Dr.V.S.Hegde	2,70,580.00
5	Geochemistry and thermo-barometry of St. Mary’s Island Rocks, South Kanara, District, Karnataka.	UGC	Dr.V.S.Hegde	8,750.00
6	Geochemistry with special reference to REE and Nd isotope composition of greywackes of Shimoga basin and their implications on Dharwad basin evolution	UGC	Dr.V.S.Hegde	3,84,000.00
7	River Water Monitoring under Global Environmental Monitoring Project	KSPCB	Sri. S.G.Joshi	1,89,000.00
8	Periurban Interface Production System Research Natural Resource System Programme.	DFID, UAS	Sri. S.G.Joshi	80.00 lakhs
9	Water Quality analysis for pilot districts for the proposed Karnataka Rural Water Supply and Environmental Sanitation Project II	Bhageerath NGO	Sri. S.G.Joshi	6.6 lakhs