

No.SVCE/ADMN/2009- 10/

Dated : 28.08.2009

To

The Member Secretary
All India Council for Technical Education
I.P. Estate, Indira Gandhi Sports Complex
New Delhi – 110 002

Sir,

Sub: Request for Variation in intake in C E (increase) & I S & E (decrease) – Reg.

Ref: Downloaded information from AICTE website

This is with reference to the advertisement released in Times of India on 26th December 2006 for additional intake/continuation of affiliation by AICTE. This institute was established during 2001-02 academic year and the present students intake is 420 (ECE -120, CSE -90, ISE -60, ME -60, EEE -60 and CE -30). We request you to kindly approve the **Variation in intake** in CE from 30 to 60, and ISE from 60 to 30 as the variation in intake in these branches does not need extra infrastructure in the form of class rooms / laboratories. The suitable application for the above said purpose is downloaded from your website, and it is filled and submitted for your kind consideration. The processing fee of Rs.60,000/- (Rupees sixty thousand only) is paid in the form of demand draft drawn on Bank of India, Bettahalasur Branch bearing no. dated **27.082009** along with this letter. The Mandatory Disclosures are uploaded on the official website of our college (www.svcengg.com)

Thanking you,

Yours faithfully,

(M.SHASHIDHAR)
Chief Executive Director

Copy to:

1. Regional Officer, SWRO, Bangalore
2. Principal Secretary, Higher Education, Govt. of Karnataka, Bangalore
3. The Director of Technical Education, Govt. of Karnataka, Bangalore
4. Registrar, VTU, Belgaum

**APPLICATION FOR
INTRODUCTION OF ADDITIONAL COURSE (S)
AND/OR INCREASE / VARIATION IN INTAKE
IN THE EXISTING INSTITUTIONS
FOR THE ACADEMIC YEAR 2010 - 11
(To be submitted alongwith Mandatory Disclosure)**

FOR

Under Graduate Level courses in
Engineering & Technology



All India Council for Technical Education
Indira Gandhi Sports Complex, Indraprastha Estate New Delhi- 110 002
PHONE: 23392563/64/65/68/71/73/74/75
FAX: 011-23392554
Web site: www.aicte.ernet.in

**APPLICATION FOR THE INTRODUCTION OF ADDITIONAL COURSE (S) AT
UNDER GRADUATE LEVEL AND POST GRADUATE LEVEL FOR INCREASE /
VARIATION IN INTAKE IN THE EXISTING INSTITUTIONS**

1. Name and Address of the Institution

Name of Institution	SRI VENKATESHWARA COLLEGE OF ENGINEERING		
Address			
Village	Vidyanagar		
Taluk	Bangalore North		
District	Bangalore Urban		
Pin	562 157		
State	KARNATAKA		
STD Code	080	Phone No: 080-28477460, 32717536	
Fax No.	080-28477461	E-Mail: principal@svcengg.com	Website: www.svcengg.com
Nearest Rly Station	Yelahanka	Distance in (Kms) : 9 Kms	
Nearest Airport	International Airport, Devanahalli	Distance in (Kms) : 4 Kms (Approx)	

2. Name and Designation of the Head of the Institution (*Principal / Director*)

Name	Dr. C PRABHAKAR REDDY				
Designation	Principal	Qualification & Experience: M.Tech., Ph.D., & F.I.E.	Highest Degree	Specialization	Total Experience
		Date of Birth: 03.05.1956	Ph.D.,	IC Engines	29.5 years
STD Code	080	Phone No. (O) 28477462	Fax No.	080- 28477461	
STD Code	080	Phone No. (R) 23622200	Fax No.	080- 28477461	
E-Mail:	principal@svcengg.com	Mobile No. :	98451- 67334		

3. Details of the existing & proposed course(s) for the year 2007-2008.

i) Details of the existing intake and courses:

	Courses	Existing Approved Intake 2009-10	AICTE Accreditation Status
UG	Electronics & Communication Engg.	120	N/A
	Computer Science & Engg.	90	
	Information Science & Engg.	60	
	Mechanical Engg.	60	

	Electrical & Electronics Engg.	60	
	Civil Engg.	30	
Total		420	
PG	MBA	60	
Grand Total		480	

ii) Proposed Increase / Variation in intake requested in the existing approved course(s) during the academic year 2010-11.

S.No	Courses	Existing Approved Intake	Variation in Intake requested	Total Intake	AICTE Accreditation Status
UG	E&CE	120		120	N/A
	CS&E	90		90	
	IS&E	60	-30	30	
	ME	60		60	
	E&EE	60		60	
	CE	30	+30	60	
Total		420	00	420	
PG	MBA	60		60	
Grand Total		480	00	480	

iii) Additional Course(s) proposed to be introduced during academic year 2010-2011

S.No.	Name of Courses	Proposed Annual Intake
UG	N/A	
PG		

4. Faculty Details (Information should be provided in the below mentioned format only and the annexure's should be enclosed additionally):

A. Existing faculty in the related disciplines in which the increase in intake / variation in intake is sought for:

Name of the Programme	S.No	Name (s) of the Teaching Faculty	Designation Lecturer/ Asst. Professor/ Professor	Qualifications with field of specialization			Date of Birth	Experience a) Teaching b) Industry c) Research			Appointed (Date of Joining the Institution)	Gross total salary & Present basic / pay scales & date from which implemented
				UG	PG	Doctorate		A	B	C		
ENCLOSED												

B. Additional faculty identified / appointed for the proposed Increase in intake / Variation in intake / Additional courses:

Name of the Programme	S.No.	Name (s) of the Teaching Faculty	Designation Lecturer/ Asst. Professor/ Professor	Qualifications with field of specialization			Date of Birth	Experience a) Teaching b) Industry c) Research			Identified / Appointed (Date of Joining the Institution)	Gross total salary & Present basic / pay scales & date from which implemented.
				UG	PG	Doctorate		A	B	C		

5. Built-up Area:

A. Existing Programmes:

1. Existing Built up area available in the institution per student _____

2. Total Built up Area for the existing programme (s)

Particulars	Area required as per norms (Sq.M)	Bug with RCC Roof (Sq.M)	Building with Sheet Roof (if suitable for Educational Institution) (Sq.M)	Total sanctioned intake (last 4 yrs. for Engg./Pharmacy/HMCT/ 5 yrs for Arch. etc. 2 yrs. MBA/ PGDBM and 3 yrs. for MCA)	Built up area per student	Total Area Available (Sq.M)
Instructional Area (Carpet Area)	8820	9763.71	Nil	1650	5.92	9763.71
Administrative Area (Carpet Area)	1470	1681.99	Nil	1650	1.02	1681.99
Amenities (Carpet Area)	2940	5723.00	Nil	1650	3.47	5723.00
Circulation & Others	3969	4140.00	Nil	1650	2.51	4140.00
	17199	21308.70			12.92	21308.70

MBA (Commencing from 25-09-2009)	Area required as per norms (Sq.M)	Building with RCC Roof (Sq.M)	Building with Sheet Roof (if suitable for Educational Institution) (Sq.M)	Total sanctioned intake (last 4 yrs. for Engg./Pharmacy/HMCT/ 5 yrs for Arch. etc. 2 yrs. MBA/ PGDBM and 3 yrs. for MCA)	Built up area per student	Total Area Available (Sq.M)
Instructional Area (Carpet Area)		937.8				937.8
Administrative Area (Carpet Area)		468.9	--			468.9
Amenities (Carpet Area)		281.25	--			281.25

Circulation & Others		844.02	--			844.02
Total		2531.97	--	60		2531.97

Note: The intake of MBA & MCA courses (if existing in an Engineering Institution) is required to be added for built-up area calculations.

B. Additional Built-up Area for proposed Programmes:

Particulars	Proposed Additional Intake	Area required as per norms	Status of availability of additional built-up area	Remarks (Already available / under construction *)
Instructional Area (Carpet Area)				Existing infrastructure is created for an intake of 60 and hence suffices increase in intake in CE from 30 to 60
Administrative Area (Carpet Area)				
Amenities (Carpet Area)				
Circulation & Others				
Total				

B i) Details of additional Instructional Area created / under construction for the proposed Programmes:

Particulars	For existing intake		For proposed additional intake		Remarks (Already available / under construction *)
	Nos.	Area Per Room	Nos.	Area	
Class rooms	Since increase in intake in CE is from 30 to 60 which, existing infrastructure suffices				
Tutorial rooms					
Others					
Total					

** Please mention the stage of construction*

6. Details of Laboratory & Workshop facilities for the Proposed Additional Course(s) / Increase in intake

S. No.	Name of the Laboratory / Workshop, if required	Additional Carpet Area available (Sq. M.)
	Since increase in intake in CE is from 30 to 60 which is marginal, existing Laboratories suffices	

7. Details of Computer Facilities for the Existing and the Proposed Additional Course(s) / Increase in intake

S. No.	Particulars	For existing intake	For proposed intake
1.	Number of Computer Terminals	467	467
2.	P-IV / Latest Configuration	467	467
	P-III	-	
	Others	-	
3.	No. of Terminals on LAN / WAN	LAN: 228 WAN: 64	
4.	Printers	Dot Matrix Printers: 03 Laser Printers :16	

8. A) Details of the Library facilities for the Existing intake:

Sl. No	Course(s)	Number of titles of the books		No. of Volumes		Number of Journals			
		Required	Available	Required	Available	National		International	
						Required	Available	Required	Available
1.	E&CE	300	357	1833	3571	6	6	6	5
2.	CS&E/ISE	530	647	1500	5212	12	9	12	3
3.	ME	250	264	1000	2052	6	10	6	-
4.	E&EE	250	312	1000	1201	6	4	6	-
5.	CE	250	156	1000	1464	6	5	6	-
6.	MBA	60	94	1000	357	6	2	6	-

8. B) Details of the Library facilities for the proposed increase in intake / additional courses:

S. No	Course(s)	Number of titles of the books		No. of Volumes		Number of Journals			
		Required	Available	Required	Available	National		International	
						Required	Available	Required	Available
1	CE	120	289	1333	1464	6	5	3	-

Declaration:

It is certified that:

- a) Existing Courses are being conducted as per norms, standards and guidelines of the AICTE.
- b) All the physical deficiencies stated in the last approval letter have been complied with.
- c) The AICTE pay scales are being paid to the faculty members.
- d) The admissions are made on merit and no capitation fee or donation of any kind is charged for admission.
- e) The teaching faculty has been recruited as per qualifications and experience laid down by AICTE.
- f) The tuition and the other fees are being charged as prescribed by the Competent Authority.
- g) No new course has been started (since the last approval by AICTE) without prior approval of AICTE.
- h) The institution is not running any courses not approved by AICTE in the premises of the AICTE approved institution.
- i) The institution is not running any courses not approved by AICTE in the premises of AICTE approved institution in collaboration with any foreign University/ Institution.
- j) The intake in any of the AICTE approved course has not been increased beyond the sanctioned intake, without prior approval of AICTE.

I/We solemnly declare that no information has been withheld and all the information provided in this application form is correct. If any information is found to be incorrect or false, I/We understand that proposal shall be liable for rejection.

Date: 28 – 08 - 2009
Place: *Bangalore*

**Name and Signature of the Authorized
Signatory of Institution with seal**

CHECK - LIST OF ENCLOSURES

Annexure	Contents	Checklist
I	Processing Fee of Rs.60,000/- in the name of Member Secretary, AICTE, New Delhi	
II	Copy of latest Compliance Report	
III	Copy of Mandatory Disclosure	
IV	Faculty and Staff additionally recruited for the proposed additional courses / increase/ variation in intake (Copies of advertisement, selection committee (duly constituted) minutes, appointment letters of the Faculty Members and other Staff of the Institution along with the terms and conditions of appointment, joining letters and one page biodata with passport size photograph of all the faculty members which are already existing and identified / appointed for the courses in which increase / variation in intake / additional courses are proposed).	
V	Proof of creation of Built-up space for the proposed additional courses / increase / variation in intake (Photographs, certificate of Architect, undertaking, approved building plan etc.).	
VI	Proof of additional Library, Computers, Laboratory facilities created for the proposed additional courses / increase / variation in intake (Photographs, Receipts, undertaking etc.).	
VII	Detailed Project Report (DPR)	

**(Signature of Authorized Representative of the
Proposed Institution with Name and Designation)**

Note: The applicant is required to submit the relevant documentary evidence in support of the various additional facilities and faculty appointed / identified for the proposed additional courses / increase / variation in intake as per the annexure enclosed.

ACKNOWLEDGMENT

F. No.

Date:

From:

The Regional Officer

All India Council for Technical Education
SWRO, Bangalore University Campus,
P.K.Block, Palace Road,
Bangalore – 560 001

To,

The Principal

Sri Venkateshwara College of Engineering
Vidyanagara Cross, Chikkajala Post,
Bangalore - 562 157

Sir,

This is to acknowledge the receipt of your application dated 28-08-2009 for the introduction of additional course(s) and/or **variation in intake** in the institution for the **academic year 2010-2011** in Under-Graduate level courses in **Engineering & Technology** / Pharmacy / Architecture / Town Planning / Hotel Management & Catering Technology / Applied Arts & Crafts and Post-Graduate programmes in Management Studies and Computer Applications.

Yours truly

Regional Officer

DETAILED PROJECT REPORT (DPR)
FOR
INTRODUCTION OF ADDITIONAL COURSE(S) AND/OR INCREASE / VARIATION
IN INTAKE FOR THE ACADEMIC YEAR 2010-11 IN THE EXISTING
INSTITUTIONS

C O N T E N T S

CHAPTER I: PREAMBLE

(This Chapter is expected to cover the genesis of the proposal with respect to the background of the technical education and industry scenario of the State where the institution is located and the credentials of the Consultants, if any, engaged by the promoters for preparation of the DPR)

1.1 Introduction

Indian Technical Education is considered to be of world-class standards. The large technical pool available in the country is the prime mover of the industry. Computers have the potential of making sweeping improvements in the quality of life. Their selective applications can enhance the speed, economy, and efficiency of operations without adverse effect on employment. India and Bangalore in particular is the hub for IT professionals. Multinational giants and world leaders in industry like INTEL, MICROSOFT, INFOSYS, WIPRO, Honey Well, ISRO etc. have setup their design centers in Bangalore.

Sri Venkateshwara College of Engineering, which was established in 2001, is located in Bangalore City. There is a huge demand for Civil engineering graduates in and around Bangalore due to number of infrastructure projects by government and leading private agencies. Therefore the role of Engineers in Nation building is possible by generating more professionals from Educational Institutions.

1.2 Background of the Consultants

Consultant is not appointed

1.3 Technical Education & Industry Scenario

In Karnataka there are around 196 Engineering Institutes. Around 2000 Civil Engineers graduate every year. Due to increase in infrastructure projects, large number of Civil Engineers are required in public and private sectors. The number of Civil Engineers required every year is increasing at a rate of 20 to 25%.

CHAPTER II: THE PROMOTING BODY

(This Chapter is expected to cover the status of the Promoting Body, its legal standing with respect to registration formalities, nature of the Body viz. Charitable Trust, Family Trust, Co-operative Society, Public Society etc., its activities since its inception with specific emphasis on its Social, Charitable, Educational activities along with a list of major activities undertaken to date, its mission and vision)

2.1 Introduction to its Genesis including its Registration Status

2.2 Details of its Promoters including their Background

Sl. No.	Name & Address of the members	Age	Occupation	Designation
1.	Sri V. Muniyappa S/o Late Sri V. Muniswamappa Agriculturist Handiganala, Sidlagatta (TQ), Kolar (Dist)	62	Agriculturist & Ex. Honorable Minister for Mines & Geology Karnataka Govt.	Chairman
2.	Sri M. Shashidhar S/o Sri V. Muniyappa # 181, 11 th Cross, 3 rd main, H.I.G. Colony, RMV II Stage, Bangalore	35	Advocate and tax consultant	Chief Executive Director
3.	Sri M. Venkata Reddy S/o Sri Muninanjappa, Dinnehosahalli, Chikkaballapur (Tq), Kolar (Dist) – 562 101	54	Merchant	Treasurer
4.	Dr. M. Sridhar S/o Sri V. Muniyappa #181, 11 th Cross, 3 rd Main, H.I.G. Colony, RMV II stage, Bangalore	37	Doctor	Director
5.	Smt. M. Rathnamma W/o Sri V. Muniyappa #181, 11 th Cross, 3 rd Main, H.I.G. Colony, RMV II Stage, Bangalore	55	Housewife	Director
6.	Dr. Ravi Kumar No.150, 9 th Cross, III main, HIG Colony, RMV II Stage, Bangalore	34	Doctor	Director
7.	Mr. L Ravindraa Sonnappanahalli, Bettahalsoor Post Bangalore	58	Businessman	Director

2.3 Activities of the Promoting Body including a listing of major educational promotion activities undertaken till now.

LIST OF MAJOR EDUCATIONAL INSTITUTIONS

1. Sri Venkateshwara College of Engineering, Bangalore – Estd. 2001-02
2. Sri Venkateshwara Teacher's Training Institute, Bangalore – Estd. 2004-05
3. S.V. Public High School, Bangalore - Estd 2006-07
4. S.V. Central School - Estd 2009-10

2.4 Mission of the Promoting Body

To provide value based education and mould the character of younger generation through a process of science and spirituality.

2.5 Vision of the Promoting Body

To become a world-class institute in providing competent higher education in the filed of Technology and Management with human values.

CHAPTER III: OBJECTIVES AND SCOPE OF THE PROPOSED PROGRAMME

(This Chapter is expected to cover the goal of the proposed programme, Scope and Justification of its establishment in the light of the prevailing technical education and industry scenario in the State, Availability of students for admission, particularly the number of students passing the qualifying examination viz.+2 Science in First Class and the number of seats already available in the particular course (B. E. / B. Pharm / B. Arch. / BHMCT / MBA / MCA etc.) in the State, and the genesis of the proposal with respect to the technical manpower requirement of the State, if available)

3.1 Objectives of the Institution

- 1) To start Nursery, Primary, High Schools, Pre- University courses, Degree Colleges, including Medical and Engineering Colleges.
- 2) To promote Technical Institutions, Sanskrit Pataskala, Hindi Vidyalaya and Teachers Training Institutions.
- 3) To conduct Commerce Education's like Computer Education and connected there to.
- 4) To start, manage and administer any Orphanage, Nursing Home, Hospital, Library, Reading Rooms, Schools, Colleges, IT Institutions, research institutions and other institutions irrespective of caste, creed or social statue and to acquire land, building for the same.
- 5) To organize peoples in this forum
- 6) To promote charity
- 7) To start any other activities to encourage and develop social and economical standards for women, children, orphans in rural and urban areas.
- 8) To provide facilities for disabled and orphans in rural and urban areas.
- 9) To undertake all types of research activities.
- 10) To undertake all nutrition program in various rural colonies for women and children.
- 11) To start training colleges like, B.Ed., B.P.Ed., and Nurse Training Institutes.
- 12) To open and maintain hostels for the use of poor students both boys and girls.
- 13) To undertake implementation of various socio economic program on order to uplift the poor.
- 14) To organize health camps, sanitation, environment protection.
- 15) To improve the economic, moral and social standard of villages and urban areas.
- 16) To promote education, science, literature, fine arts, charity, and sports.

- 17) To give instructions and diffusion of knowledge relating to Commerce Industry, Indian culture and other useful knowledge.
- 18) To start, run and maintain Library, free reading room to arrange conference every year, symposiums, lectures, useful to public.
- 19) To assist member of association by all the lawful means to have the standard in life in particular and fellow citizens in general.
- 20) To give scholarships and assistance to the deserving students coming from poor family and assist the members who are in distress.
- 21) To do and cause to be done all the lawful things and acts in accordance with the spirit of the constitution of India.
- 22) To take over, absorb or amalgamate with any other society or association or institution whose objects are similar to the objects of the society.
- 23) To provide medical facilities for deserving children of the locality to start health clinic, hospital, diagnostic centers etc.
- 24) To introduce adult education and to run classes for slum dwellers and laborers.
- 25) To provide facilities for betterment of unemployed, disabled and orphans in rural and urban areas by starting small scale industries.
- 26) To provide and arrange economic assistance for those who are suffering from serious ailments and disease, surgery cases.
- 27) To provide and arrange economic assistance for students who are willing to study abroad.
- 28) The income of the association by whatever means shall be utilized for the objects of the association and shall not be distributed amongst its members or anybody.
- 29) The benefits of this society shall be open to all irrespective of caste, creed or religion.
- 30) To provide and arrange economic assistance to those who are especially at the time of natural calamities like, drought, floods, earthquakes, communal disasters and fire accidents etc.

3.2 General and Technical Education Scenario of the State:

Karnataka and in particular Bangalore is considered as IT destination after Silicon Valley of USA. Now there is a boom in the infrastructure development due to several projects undertaken by State Government and Private Agencies. Bangalore alone houses more than 2 lakh IT employees and 20,000 civil engineering professionals. Major multinational giants have set up their centers in Bangalore for various reasons like

- a) Large pool technical talent availability
- b) Cost effective compared to western countries.
- c) Good infrastructure
- d) Clean environments.

In Karnataka there are around 196 technical institutes affiliated to Visvesvaraya Technological University, Belgaum. Due to conducive social atmosphere and good facilities in the State, large number of students from other States take admissions to several engineering courses in Karnataka.

3.3 Status at Entry Level

The literacy rate in Karnataka is one among the best in India. The number of students who pass +2 examinations is more than 60% in the entire state. Due to growing employment opportunities for IT in various fields like agriculture, pharmacy, banking etc there is much need for skilled professionals. Further the government of Karnataka has introduced the IT syllabus at school and +2 level to meet the needs at various levels.

3.4 Status of Technical Level manpower

At present several infrastructure development projects like flyovers, metro, irrigation, housing, commercial complex are in progress and many more are due to commence. There is an urgent need for qualified and trained civil engineers to cater to these requirements. Besides, civil engineers have very good opportunities in Gulf and other countries. Increasing the intake of CE from 30 to 60 will go a long way in meeting such needs.

3.5 Industrial Scenario of the State

Leading infrastructure developers of the country like DLF, MANTRI DEVELOPERS, SHOBA, L&T, GAMMON etc have taken up huge projects in Karnataka especially Bangalore. Also Karnataka and in particular Bangalore houses various major IT companies. To name a few like Infosys, Wipro, Intel, Microsoft, Texas instruments, Accenture, Polaris etc. currently Government of Karnataka is trying to establish Software

technology parks in other parts of the states. They are Mysore, Hubli, Mangalore and Belgaum.

3.6 Scope of the College vis-à-vis the Industrial Scenario and Educational Facilities already available in the State and in this institute.

Bangalore being the IT hub of the world has been able to attract and provide enough opportunities for IT professionals in making their career. The CSE/ISE graduates contribute to the success of major companies like Wipro, Infosys, TCS and Honeywell etc. The network professionals are in great demand as it is the need of the hour. This has made small companies contributing a major role in providing good number of opportunities for the engineering graduates. Hence the institute has infrastructure and facilities, which helps in moulding the students into the Engineers contributing for the success of the industry, state and the country.

CHAPTER IV: ACADEMIC PROGRAMMES

(This Chapter is expected to cover the basic Academic Philosophy of the Institution and list the already running programmes, identified Programmes, targets, and various facilities)

4.1 Basic Academic Philosophy of the Institution:

- 1) To inculcate good work culture among students.
- 2) To impart quality education to meet industry demands.
- 3) To involve Engineers in nation building.

4.2 Types of Programmes : UG& PG

4.3 Identified Programmes

Bachelor of Engineering in Electronics & Communication Engineering, Computer Science & Engineering, Information Science & Engineering, Mechanical Engineering, Electrical & Electronic Engineering, Civil Engineering, MBA

4.4 Phase-wise Introduction of Programmes & Intake

Electronics & Communication Engineering	: 120
Computer Science & Engineering	: 90
Information Science & Engineering	: 60
Mechanical Engineering	: 60
Electrical & Electronics Engineering	: 60
Civil Engineering	: 30
MBA	: 60

4.5 Target Date for Start of Academic Programmes

September 1st of every year

- 4.6 Central Computing facility : Yes
4.7 Central library : Yes
4.8 Central Workshop : Yes
4.9 Central Instrumentation Facility : Yes

4.10 Affiliating Body : **Visvesvaraya Technological University, Belgaum**

4.11 Scholarships

Scholarships from various government and non-Government organizations are given to students. Management also gives various scholarships for meritorious students.

CHAPTER V: SALIENT FEATURES OF ACADEMIC DIVISIONS

(This Chapter is expected to give phase-wise details of the proposed Academic Programmes / Divisions that the Institution desires to setup in consonance with its Academic Philosophy including the Objectives, Areas of Focus, Detailed Analysis of Requirements of Faculty, Building Space, Equipment, etc. for each Academic Division)

5.1 Classification of Academic Divisions i.e. Departments, Centres, Schools, Central Academic Facilities.

- 1) Basic Materials Testing Lab
- 2) Hydraulics and Hydraulic Machinery Lab
- 3) Surveying Lab – I and -II
- 4) CAD Lab
- 5) Concrete & Highway Engg Lab
- 6) Environmental Engg Lab
- 7) Geotechnical Engg Lab
- 8) Engineering Geology Lab

5.2 Details of each Academic Department / Centre, like:

5.2.1 Academic Objectives : To impart quality education and meet the industry standards

5.2.2 Areas of Focus: Computer Aided Design in Civil Engineering

5.2.3 Academic Programme: Under Graduate

5.2.4 Faculty Requirement & Phase-wise Recruitment: Details Attached

5.2.5 Requirement of Laboratories, Space and Equipment (cost) : Annexure attached

**5.2.6 Requirement of other Space like Class Rooms, Faculty Rooms, Departmental Office.
: All are in existence for the past 6 years**

CHAPTER VI: QUALITY AND HUMAN RESOURCE DEVELOPMENT

(This Chapter is expected to cover the Human Resource Developmental aspects of the proposed courses including the Policies of the Management to promote excellence among Faculty & Staff, Strategies to attract and retain bright faculty and methodologies towards quality management and fostering of academic excellence)

6.1 Academic Values

- 1) Sincere in completing 100% syllabus i.e. theory and Lab
- 2) Recruiting experience and qualified faculty.
- 3) Excellent ambiance for learning & overall growth

6.2 Recruitment, Strategies for Attracting and Retention of Faculty Personnel for Excellence, Promotional Avenues, Career Ladder

AICTE scales are given to all eligible faculties. Higher startup for deserving candidates. The organization also sponsors the faculty members for higher studies such as M.Tech and P.hD. Time bound promotions are given to deserving faculty members.

6.3 Policies for Teaching and Non-teaching Staff Development

Teachers are encouraged to attend winter schools, summer schools, national and international seminars. Non-Teaching staff members are also encouraged to undergo various training programme.

6.4 Permanent and Contract Services for Teaching, Non-teaching and other support Personnel:

Teaching and Non-Teaching faculty members are taken on permanent basis in the organization.

6.5 Total Quality Management

The organization will shortly go for ISO certification/NBA certification so as to improve the total quality management.

6.6 Overall Teaching and Non-teaching Staff Requirements

The management has plans to construct staff quarters for both teaching non-teaching faculties shortly.

CHAPTER VII: LINKAGES IN TECHNICAL EDUCATION

(This Chapter is expected to elaborate the external linkages envisaged along with the strategies for promotion of R&D, Partnership with Industry, etc. for the wholesome growth of students as well as for contribution of the Institutions to Society at large)

7.1 Introduction

An effective partnership between academia and industry in a mutually supportive role provides a powerful environment that encourages innovation and creativity. The basic goal of academic institution is creation and dissemination of knowledge through education and research. Openness, freedom to pursue ideas according to ones own perceptions, and opportunity, to explore new horizons without undue constraints of time or relevance, are fundamental to academia. Success in academic world is judged by “peergroup” based on criteria, such as, conceptual elegance, universality of ideas and innovations. The basic goal of the industry is to create, design, produce and sell new products, processes and systems. Success in industry is measured by criteria, such as, profit, market-share and growth-rate in the harsh world of the “market-place”.

7.2 Linkages with Industry

The Department has extensive interaction with the industry and society in respect of material testing, structural design of buildings, quantity surveying and costing of structures, awareness programmes. The ECE Department has an agreement with Microsoft academic alliance. The college also has agreement with Cadence design systems in the field of VLSI and has procured 20 front end and five backend licenses. The department of ECE has started a training programme in the area of embedded systems using ARM – 9 processor in consultation with iWave Technologies Pvt Ltd, India.

7.3 Linkages with the Community

The college organizes blood donation camps/Aids awareness programme/clean & green/free health checkup in nearby villages with the help of NSS and other social organizations.

7.4 Linkages with other Technical Institutions in the region :

The faculty members are sent to the IISc., Bangalore to attend guest lecturer, invited talks under IEEE banner.

7.5 Linkages with institutions of excellence such as the IITs and IISc:

Two Professors from IISc., Bangalore i.e., Dr. L M Patnaik & Dr. P Vijay Kumar on the advisory council of our college. We are also involving Professors from IISc and distinguished personnel from industry for most of our programmes to enhance the technical know-how of our students

7.6 Linkages Abroad: NIL

7.7 Linkages with R&D Laboratories :

The college has established with leading R& D Units like DRDO, LRDE and ISRO to take-up the research activities. In this regard the project proposal has been submitted from the department of ECE .

CHAPTER VIII: GOVERNANCE AND ACADEMIC & ADMINISTRATIVE MANAGEMENT

(This Chapter is expected to cover the basic Philosophy of Governance and Administrative Management including the structure of its Board of Governors (BOG), the organizational chart for operational management along with responsibilities vested at various levels of Administrative hierarchy. It is expected that a well thought out method of Institutional Governance and Administration will be the key to its growth and success)

8.1 Philosophy of Governance

The Management is driven by moral values and ethics. The faculty is encouraged to take innovative teaching methods. There is transparency in administration and the management does not involve in academic matters.

8.2 Board of Governors

The Board of governors is constituted with eminent persons from various organizations.

8.3 Organizational Structure & Chart for day-to-day Operations & Management

The hierarchy in the organization is as follows:

Chairman – Chief Executive Director- Principal – HoD’s – Faculty – Non Teaching Staff

8.4 Role and Responsibilities of Key Senior Positions

The management has given sufficient freedom to take appropriate decisions in day-to-day governance. All the major financial decisions are taken with the consent of Chairman/ Chief Executive Director /Principal.

8.5 Methods / Style of Administration / Management

We have an efficient management system to take care of various aspects in the campus.

The administration is transparent and driven by values.

CHAPTER IX: MASTER PLAN FOR MAIN CAMPUS DEVELOPMENT

(This Chapter is expected to cover the details of the Master Plan for Campus Development starting Phase-wise construction of various additional facilities / utilities to the level of landscaping. Institutional aspects of development is expected to be taken up in consonance with the Master plan keeping in view various aspects of convenience, safety and utility of the facilities)

- | | |
|--------------------------------------|-----------------------------------|
| 9.1 The Site | : Master plan blue print enclosed |
| 9.2 Proposed Land Use Pattern | : Land use plan enclosed |
| 9.3 Design Concept | : Contract given to M/s Vanishree |

9.4 Buildings and Facilities in the Campus

We have the following facilities in the campus:

- A. Boys Hostel
- B. Girls Hostel
- C. Guest House
- D. Separate building for Mechanical, Civil Engineering and MBA
- E. Main Building Houses the following Departments:
 - ✓ Computer Science & Engg.
 - ✓ Information Science & Engg.
 - ✓ Electronics & Communication Engg.
 - ✓ Electrical & Electronics Engg.
 - ✓ Basic Sciences
 - ✓ Library
 - ✓ Main Office

9.5 External Services:

1. Providing free transport facility for staff & paid transport facility for students
2. STD/Xerox facility available in campus.
3. Medical facilities – entered into MOU with nearby Nursing Home.
4. Well maintained, hygienic canteen facility
5. Bank of India

9.6 Construction Systems and Materials

Phase wise system is adopted in the construction and good quality materials are used and they are approved by the approval committee.

9.7 Landscape Proposal :

Enclosed in Master Plan

CHAPTER X: REQUIREMENT OF STAFF, SPACE & EQUIPMENT AND THEIR COST

(This Chapter is expected to make a consolidated estimate of Phase-wise requirements of the staff, building, equipment and their cost, along with strategies for the mobilization of funds required)

10.1 Introduction

The Department has highly experienced faculty headed by a Doctorate and well equipped laboratories. Two batches of civil engineering graduates have moved out of the portals of the college. The pass percentage of the first batch of outgoing students was 100% and that

of the second batch was 95%. Most of the outgoing students were placed through campus recruitment.

10.2 Faculty Requirements

Faculty have been recruited taking into account the requested increase in intake in CE is from 30 to 60 in the present academic year 2009-10 itself.

10.3 Non-teaching Staff Requirements

The requested increase in intake of CE from 30 to 60 does not need additional non-teaching staff as the number of laboratories remain the same.

Building Requirements: Area and Costs

As the infrastructure of CE Department has been initially planned and developed for an intake of 60, it takes care of the requested intake.

Estimated Cost of Equipment

Since the laboratories have been developed for an intake of 60, all the major equipments required are in place.

10.4 Phase-wise Financial Requirements

As per the enclosure 12.3

10.5 Strategies for Financial Mobilization

Through tuition fees and loans.

CHAPTER XI: ACTION PLAN FOR IMPLEMENTATION

(This Chapter is expected to cover the Activity Chart from the conceptual stage to final implementation, indicating a time-activity Chart for various activities, its constraints and implementation Strategy including financial out lay.)

11.1 Activity Chart

As per the enclosure 12.3.

11.2 Constraints

11.3 Financial Outlay

As per the enclosure 12.3.

11.4 Strategy for Implementation

As per the enclosure 12.3.

CHAPTER XII: EXECUTIVE SUMMARY OF THE DETAILED PROJECT REPORT

(This Chapter is expected to present a Summary of the DPR as per the following format for ready reference)

- 12.1 Details about the Promoting Body
- 12.2 Details about the Proposed Programme
- 12.3 Development Plan for the Proposed Programme.

12. EXECUTIVE SUMMARY OF THE DETAILED PROJECT REPORT (DPR)

12.1 DETAILS ABOUT THE PROMOTING BODY

i) **Name and Address of the Promoting Body:**
(Government / University / Trust / Society)

Sri Venkateshwara Education Society (Reg)
181, 11th Cross, 3rd Main, H.I.G. Colony,
RMV II Stage, Bangalore – 560 094

ii) **Date of Registration / Establishment of the Promoting Body:**

03-10-2000

iii) **Nature of the Promoting Body:**

Religious	Charitable	Family	Others
			✓

iv) **Activities of the Promoting Body since inception:**

(With special emphasis on Academic, Social & Industrial Activities and details on other institutions run by the Promoting Body)

The society has started a course in Diploma in education. Society also promotes blood donation camps every year/mass marriages/renovation of places of worships/governing members of other reputed Institutions.

v) **Constitution of the Promoting Body:**

(Give details indicating the names)

Sl. No	Name	Academic Qualification		Nature of Association with the Promoting Body	Experience in Academic Institutions (in Years)			Overall Experience (in Years)
		Technical	Non Technical		Promotional	Management	Organizational	
1.	Sri V. Muniyappa		✓	Chairman	6	23	6	35
2.	Sri M. Shashidhar		✓	Chief Executive Director	6	8	-	14
3.	Dr. M. Sridhar		✓	Board of Directors	-	8	-	8

4.	Sri. M. Venkata Reddy		✓	Board of Directors	-	8	-	8
5.	Smt. M. Rathnamma		✓	Board of Directors	-	8	-	8
6.	Dr. Ravi Kumar		✓	Board of Directors	-	5	-	5
7.	Mr. L Ravindraa		✓	Board of Directors	6	17	-	23
8.	Dr. C.Prabhakar Reddy	✓		Member Secretary	15.5	8	6	29.5

vi) Vision of the Promoting Body (in 50 words)

To promote technical institutions. To start, manage, and administer School/Colleges, IT institutions, Research institutions, and other institutions irrespective of caste, creed or social status and to acquire land, building for the same. To undertake all types of research activities. To start training colleges like B.Ed. to open and maintain hostels for the use of poor students both boys and girls. To organize health camps. To promote education, science, literature, fine arts, charity, and sports. To give instructions and diffusion of knowledge relating to commerce and industry, Indian culture and other useful knowledge. To start, run and maintain library, free reading rooms. To assist member of association by all lawful means to have the standard in life in particular and fellow-citizens in general. To arrange conference every year, symposiums, lectures, useful to the public. To give scholarships and assistance to the deserving students coming from poor family and also assist the members who are in distress.

vii) Mission of the Promoting Body (in 100 words)

The promoting body is based on the adoption of a holistic approach requiring integration of the fruits of its scientific research into the industrial fabric of the nation to meet the requirement of the society at large. The total spectrum of activity required for achieving this objective encompasses a large cycle which includes efficient teaching, basic research, applied aspects, product design, process development and efficient management.

12.2. DETAILS ABOUT THE PROPOSED PROGRAMMES

i) Category of Institution: Undergraduate in Engg. and Tech

(Please strike out whichever is not applicable)

ii) Name of the Proposed Programme

Enhancement in the intake of Civil Engineering UG Programme

iii) Address of the Institution

**SRI VENKATESHWARA COLLEGE OF ENGINEERING
Vidyanagar, Chikkajala Post, Bengaluru International Airport Road,
Bangalore – 562 157.**

iv) Nearest City / Town / Airport / Railway station

(Enclose map indicating access to the institution from the nearest Airport / Railway station)

Bangalore/Yelahanka/Bengaluru International Airport/ YELAHANKA Railway Station,
BANGALORE

iv) **Type of the institution**

(in case of aided, mention the percentage of aid from the Government)

Govt.	Univ.	Govt.Aided	√ Private
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v) **Name of the affiliating University**

Visvesvaraya Technological University

vi) **Justification for starting the proposed programme**

(a) Details of the total sanctioned intake in the subject areas in the State in which the proposed programme is to be started and number of vacant seats during the last 3 years.

(b) Justification for starting the proposed programme in view of (a) above
(Minimum 100 words)

12.3 DEVELOPMENT PLAN FOR THE PROPOSED PROGRAMME FOR NEXT 10 YEARS, PROJECT COST & SCHEDULE

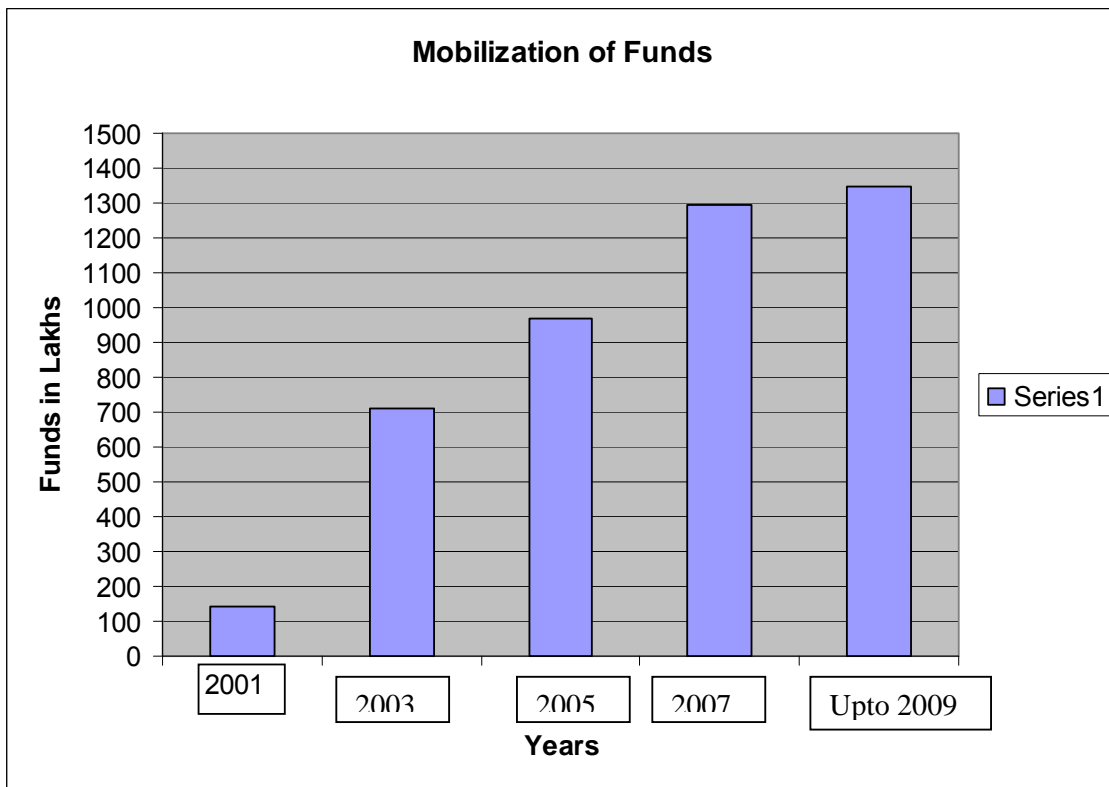
i) **Preliminary And Pre Operative Expenses (if any)**

(Including land cost, land development, approach road, electricity and water connections, fencing etc.)

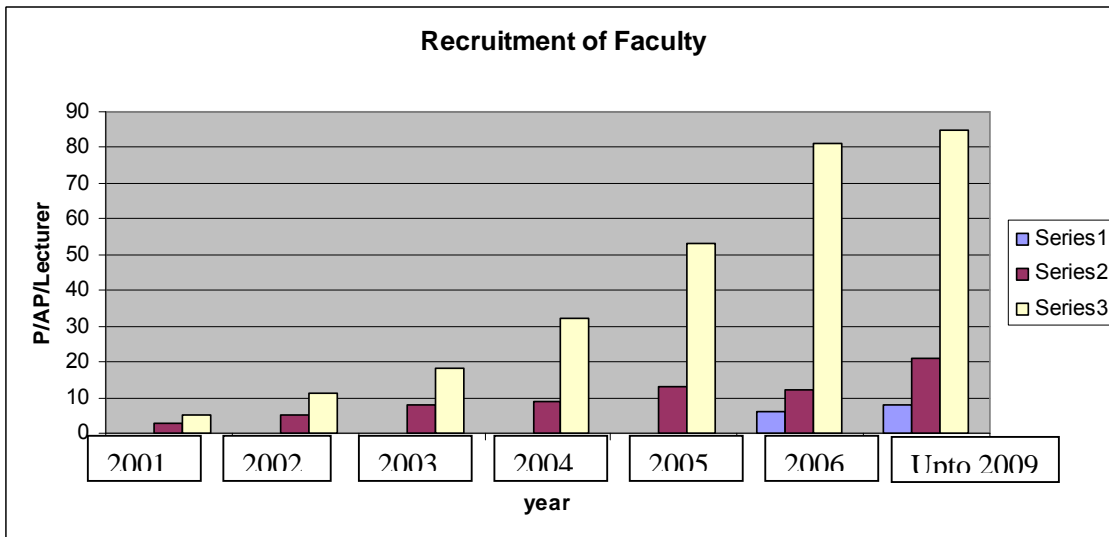
The management has procured around 13 acres of land which is registered. The campus is connected by good approach road, and electricity. The campus has sufficient water to meet the various domestic needs. The entire campus is fenced with adequate security. The approximate preliminary and preoperative expenses were around Rs.55 lakhs.

ii) **Projections for next 10 years**

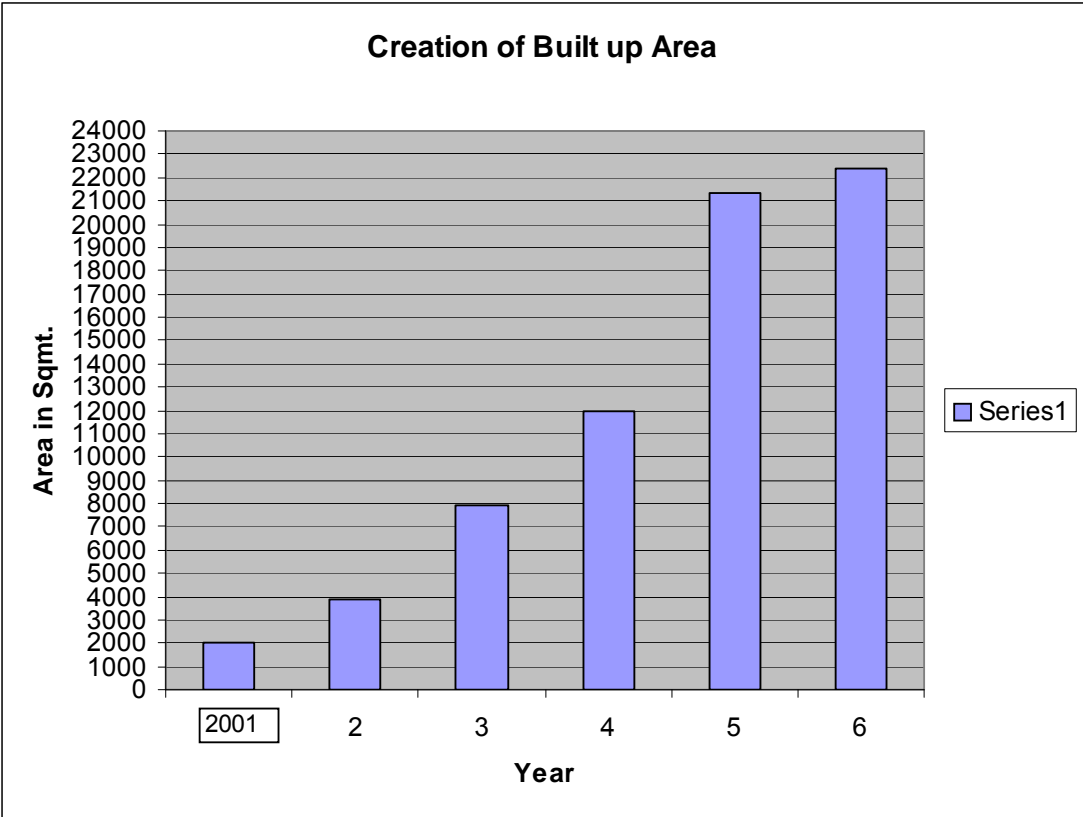
a) Give a bar chart indicating mobilization of funds for the proposed project at the time of establishment & for next 10 years at intervals of two years.



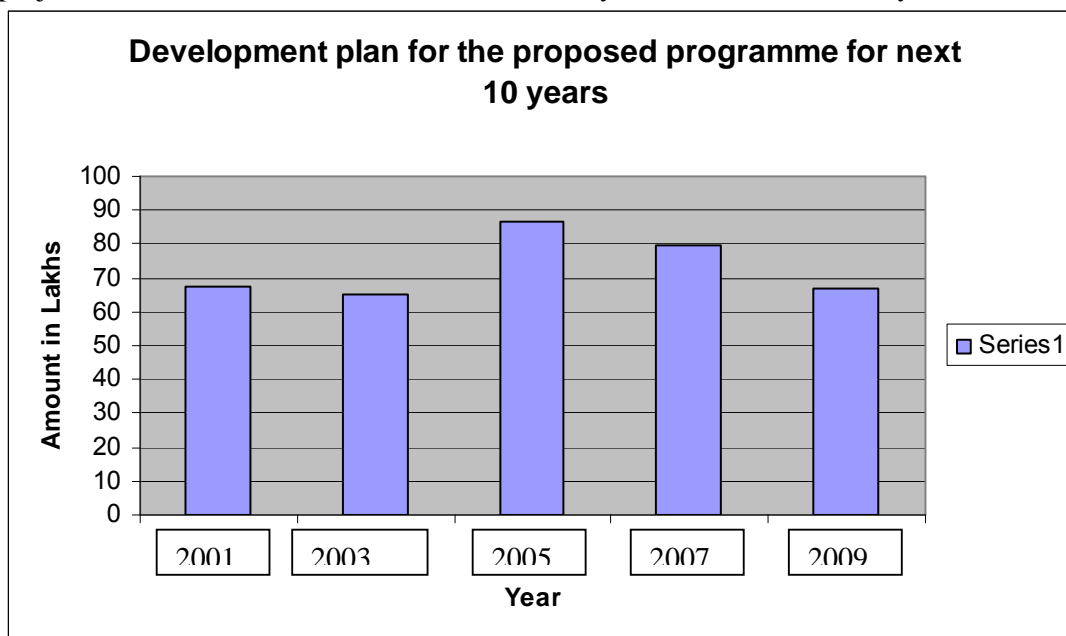
b) Give a bar chart indicating the recruitment of faculty (separately for Lecturer, Assistant Professor, Professor) for the proposed project at the time of establishment & for next 10 years at intervals of two years.



c) Give a bar chart indicating creation of built up area (separately for Instructional, Administrative and Amenities) for the proposed project at the time of establishment & for next 10 years at intervals of two years.



d) Give a bar chart indicating investment on` equipment and machinery for the proposed project at the time of establishment & for next 10 years at intervals of two years.



iii) **Total Project cost (at the time of establishment and next five years)**

Year	Courses / Intake Proposed (I)			Built up area / Investment to be made (Sqmt / Rs.) (II)				Investment on Furniture & Accessories (Rs. In Lakhs) (III)	Investment on Equipment / Machinery (Rs. In Lakhs) (IV)			Projected expenditure on Salary of Staff per annum (Rs. In Lakhs) (V)		Investment on Library (Rs. In Lakhs) (VI)			Total Project Cost (I to VI) and Preoperative Exp.) (Rs. in Lakhs)
				Instructional Area		Admn Area	Amenities										
	UG	PG	Do c.	Class Room	Lab / W/S				Labs	W/S	Comp. Centre	Teaching	Non-teaching	Text Book	Ref. Books	Journals	
2001	180	-	-	-	-	-	-	0.09	67.37			-			-		92.84
2002	60	-	-	439.28	1174.31	230.07	93.80	11.22				10.64			3.52		
2003	-	-	-	1098.2	1214.00	341.82	1766.91	8.72	65.00			29.02			3.37		169.25
2004	150	-	-	1757.12	1073.81	1446.52	1561.51	12.30				49.56			1.28		
2005	30	-	-	2416.04	1600.59	1446.52	2256.37	8.21	86.39			80.08			6.42		181.1
2006	-	-	-	2635.68	359.04	1749.63	-	13.78	79.64			125.37			5.83		224.62

iv) DETAILS FOR MOBILIZATION / SOURCE OF FUNDS (CAPITAL & RECURRING)

(At the time of establishment and next five years) (Rs. in Lacs)

Year	From Applicant	Donations	Grants from Govt.	Fees	Loan	Others
2001		140.00	-	-		2.77
2002		304.07	-	23.92	196.58	52.01
2003		441.44	-	93.55	278.20	76.65
2004		560.80	-	166.38	240.62	84.21
2005		627.27	-	229.62	369.17	80.18
2006		667.36	-	395.21	640.79	114.21

v) RECRUITMENT OF FACULTY

(At the time of establishment and next five years)

Year	Recruitment			Total
	Professor	Asst. Professor	Lecturer	
2002	1	2	10	13
2003	1	2	15	18
2004	1	3	18	22
2005	2	3	16	21
2006	2	3	19	24
2009	4	8	19	31

vi) RECRUITMENT OF NON-TEACHING STAFF

(At the time of establishment and next five years)

Year	Recruitment		Total
	Technical	Administrative	
2002	3	3	6
2003	4	1	5
2004	2	1	3
2005	5	1	6
2006	3	2	5
2009	12	4	16

vii) STRUCTURE OF GOVERNING BODY

Sl. No.	Trust / Society Representative	Academic Background		Industry Rep.	Others
		Technical	Non Technical		
1.	Chairman		✓		
2.	Chief Executive Director		✓		
3.	Board of Directors		✓		
4.	Principal	✓			
5.	Head of the Depts.,	✓			

viii) INDUSTRY LINKAGES (from the time of establishment of college.)

The college has tie-up with the following industries:

- Cadence Design Systems
- Microsoft campus agreement Academic alliance
- Orient Technologies

DECLARATION

I / We, on behalf of “**Sri Venkateshwara College of Engineering**” hereby confirm that this Detailed Project Report has been prepared for its proposed programme in increase / **variation in intake in “CE / ISE” Branches**. It is hereby confirmed that all the information furnished above is true to the best of my / our knowledge and belief and if any information is found to be false, the proposal may be rejected.

(Authorized Signatory of the Applicant)

Place : Bangalore

Name : M Shashidhar

Date: 28.08.2009

Designation: Chief Executive Director