

## 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** : **B. E (Electrical & Electronics Engineering)**

**Approved Intake (Current)** :

Intake	Date of Approval	AICTE Letter No
60	20.06.07	F.No:-770-53-242(E)/RC/94

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

Category	Fees
Management	Max 1,25,000
Government-Merit Quota	Max 28,090

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

Year	% of Passing			
	I/II Sem	III/IV Sem	V/VI Sem	VII/VIII Sem
2007-08				53/89
2006-07	61.02	47.76	66.67	64.15
2005-06	73.77/68.85	28.36/24.24	44/68.63	69.39/96
2004-05	50. /56.67	23./23.44	69/63.46	79./100
2003-04	5932/49	50/42.49	77/83.33	86/100
2002-03	64/71.15	27.65/30.43	90.74/79.77	87.5/100

**Teacher Student Ratio** : **1:16**

**No. of Faculty Members** : **15**

Cadre	Required As per AICTE	Existing			
		Permanent	Temporary	Guest	TOTAL
Professor	15	9			9
Asst. Professor		3			2
Lecturer		3			3
Visiting		-			1

**Faculty Profile** (Summary) :

Qualification	No. of Faculty		
	Completed	Pursuing	Total
PhD	-		-
Post Graduate	13		13
Under Graduate	2		2

**Experience of Faculty** :

Experience	No. of Faculty
Less than 5 Years	05
5 to 10 Years	-
More than 10 Years	10

**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 )				
	07-08	06-07	04-05	3-04	02-03
Amount of Industrial Consultancy earned (in lakhs of Rupees)					
No. of sponsored research projects completed					
No. of patents produced					
No. of sponsored research projects in progress					
No. of papers published in International journals	1				
No. of papers published in National journals	1	4		1	
No. of papers presented in International Conferences / Seminars	1	1	3		
No. of papers presented in National Conferences /seminars		4	3	2	
No. of International Conferences conducted					
No. of National Conferences conducted	1				
No. of Training Programmes / Short Term Courses conducted	2	1			

**Placement Record for the previous year :**

Placement Details	Count
No. of Companies who visited the Campus	18
Names and Details of companies who visited the campus along with No. of Students placed	@
No. of Students placed through campus recruitment	26
Maximum salary drawn (in Rs.)	3,10,000/- PA
Average salary drawn (in Rs.)	2,00,000/- PA

@ 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	1,00,000/-	21110/-	----	78,890/-
2005-06	31,000/-	30,888/-	----	----
2004-05	97,000/-	14845/-	4,00,000/-	50,704/-
2003-04	24,000/-	1,85,858/-	2,97,000/-	1,61,195/-
2002-03	35,000/-	38,670/-	4,50,000/-	4,72,132/-

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

SL.No	New initiatives /Plan / Vision	Milestones Planned
1	Autonomy	Autonomous
2	To start PG Course	5 Ph.D's to be available by 2010

Annexure-A: Details of Individual Faculty Members

**1. Faculty Name** : B.S. SREE SHAILAN

**Date of Birth** : 23.08.1955

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



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E.,	Bangalore University	First Class with Distinction	Electrical Engineering
Post Graduate	M.E.,	Bangalore University	First Class with Distinction	Electrical Power Systems

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	28	1978 to 1981 & 1983 to till date
Others	1.5	1981 to 1983 in Karnataka Power Corporation Limited, Karnataka

**Area of Specialization** :

Sl. No	Area of Specialization
1	Electrical Power Systems

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Computer Techniques in Power Systems & Stability
2	Direct Current Synchronous Machines.

**Projects under taken** :

Sl. No	Details of Project Under Taken
1	For Final Year Students (VIII Sem)

**Papers Presented** :

Sl. No	Details of Papers Presented
1	Energy Conservation in Distribution line through Resizing the Transformer Rating - a case study", Conf. paper, National Conference on Power Engineering Practices and Energy Management PEPEM 2005, Thaper Institute of Engg. & Technology, Patiala, Punjab, 28-29 Jan 2005- <b>won best paper award</b>

**Awards :**

<b>Sl. No</b>	<b>Details of Awards</b>
<b>1</b>	<b>Best paper presentation award</b>

**Other Information :**

<b>Sl. No</b>	<b>Other Information.</b>
<b>1</b>	Membership of Professional Societies : MISTE, FIE(I)
<b>2</b>	Acted as a resource person in Retooling of KPC Junior Engineers
<b>3</b>	Head of the Department of Electrical Engineering from 1997 to 2003 & from 2005 till date
<b>4</b>	Worked as Electrical Maintenance in-charge of SDMCET Campus from 1997 to 2006
<b>5</b>	Worked as Deputy Chief Superintendent for University examinations
<b>6</b>	Acted as a member of Board of Studies, Board of Examinations and Faculty of Engineering in Karnataka University, Dharwad

**2. Faculty Name : H. VIJAYA MURTHY**

**Date of Birth : 04.06.1958**

**Educational Qualification : M. E.,**



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	Mysore	First Class	Electrical
Post Graduate	M.E	-- do --	First Class	Power Systems

**Work Experience :**

Nature	No. of Years	Remarks if any
Teaching	27	1981 till date

**Area of Specialization :**

Sl. No	Area of Specialization
1	Power Systems

**Subjects Handling :**

Sl. No	Name of the Subject Handling Currently
1	Basic Electrical Engineering
2	Management and Entrepreneurship
5	Electrical Measurements lab, Relay & .High .Voltage L0ab

**Projects under taken :**

Sl. No	Details of Project Under Taken
1	For Final Year Students (VIII Sem)

**Other Information :**

Sl. No	Other Information.
1	Membership of Professional Societies : MISTE, MIE
2	Incharge electrical Maintenance SDMCET campus since 2006
3	Worked as Deputy Chief Superintendent for University examinations

<b>Papers published</b>	1)Internal Assessment in Engineering Education – Need for a Review -- -presented during Silver Jubilee celebrations of SDMCET ....(August 2004) 2) Role of Industry Institute Partnership Cell in autonomous SDMCET --- presented in connection with a series of seminars conducted at SDMCET on the eve of SDMCET getting autonomy ...September 2005.
<b>Seminars / Workshops attended</b>	1) IV National Power Systems Conference, Bombay 2) VTU syllabus review workshop, Hassan

	<p>3) Model question paper workshop for V and VI semesters at MSRIT, Mangalore</p> <p>4) CII Conference in collaboration with VTU on “Building Competitiveness in Engineering College – The Quality lever” held at Bangalore (October 2004)</p> <p>5) National workshop on Industry Institute Interaction at Govt. College of Engg. PUNE in 2006.</p> <p>6) National workshop on Industry Institute Interaction at NIT, Kurukshetra, Chandigarh, Hariyana in 2007.</p>
<b>Consultancy Activities</b>	<p>1) Testing of transmission conductors</p> <p>2) Testing transformer oil</p> <p>3) Testing of energy meters</p> <p>4) Inspection and certification of Hi-mast structures of Hubli Dharwad Municipal Corporation area.</p> <p>The work earned Rs.1.2 lacs revenue during 2007-08. (up to April 08)</p>
<b>Technical programs Conducted at college as Chief coordinator of IIPC</b>	<p>1) Panel discussion on “Engineering Colleges as Incubation Centres for Small Industrial Enterprise” held during Silver Jubilee celebrations (December 2004)</p> <p>2) Trainers Training Program of VTU in collaboration with CEDOK, Dharwad (February 2005)</p> <p>3) Two days workshop on VLSI &amp; VHDL design concepts (August 2005)</p> <p>4) Successfully conducting industrial training program for the students of pre final and final year of the college since 2003. Nearly more than 120 students have undergone industrial training through IIPC so far.</p> <p>5) Conducted 6 days students training program on “Programmable Logic Controllers” during February 2006.</p> <p>6) Organised technical visit to Kappatagudda wind power generation site near Gadag in 2007.</p> <p>7) Conducted 7 days students training program on “Programmable Logic Controllers” during January 2008.</p>
<b>Text books reviewed</b>	<p>1) Electrical estimation, specification and costing by Prof. R.Raghavendra Rao, Principal, K.H.K Institute of Technology, Dharwad.</p> <p>2) Testing and commissioning of electrical equipments by Sri R.L.Chakrasali, Asst. Prof, E&amp;E Dept. SDMCET</p>
<b>UG projects guided</b>	<p>1) Micro processor based photoelectric calorimeter – 1996- 97</p> <p>2) Fault analysis of a 3 winding transformer, its thermal stability and software development in ‘C’ – 1997-98</p> <p>3) Load flow analysis on radial distribution scheme – 1998-99</p> <p>4) Auto mains signaling – 1999-2000</p> <p>5) Color manipulation and image enhancement – 2000-01</p> <p>6) Cordless speed control of a fan – 2001-02</p> <p>7) Digitalization of fuel level indicator in automobiles (Part – A Surveying) – 2002-03 (Part – B Digitalization) – 2002-03</p> <p>8) Micro controller based stepper motor control – 2003-04</p> <p>9) Improved starter for 3 phase induction motor – July 2004</p> <p>10) Energy audit of distribution feeder – 2003-04</p> <p>11) Wireless speed control of DC motor – 2004-05</p> <p>12) The SDMCET Power Grid-2007.</p> <p>13) Automated Control of SDMCET Street Lights 2007-08</p>

<p><b>Responsibilities at Department level</b></p>	<p>1) Working as in-charge HOD on occasions when HOD goes on leave since 1981                  2) Associated in framing the department time table for many years                  3) Regularly carrying out student counselling in the department</p>
<p><b>Responsibilities at college level</b>  <b>i) Administration</b></p>	<p>1) Chief Coordinator, IIP Cell, SDMCET since April 2003. (IIP Cell is an AICTE sponsored project with a grant of Rs.9 lacs for constant interaction with the industries around and technology up gradation. The project period is 3 years)                  2) Departmental representative for VTU examination related matters of the college.                  3) Coordinated and managed the transport system of the college (college bus, TATA Sumo) for 2 years                  4) Worked as member of the editorial board of the college magazine 'Technocrat'.                  5) Acted as resource person in Retooling of Karnataka Power Corporation Junior Engineers                  6) Co-ordinated valuation and revaluation of I/II semester VTU answer papers of December 2006.                  7) Organised National Seminar on "Alternate Energy—Engineering Challenges" in the department on the eve of the 60<sup>th</sup> birth year of Revered President Dr. D Veerandra Hegde SDME Society in March 2008.</p>
<p><b>Achievements as In-charge of Electrical Maintenance Section of SDMCET</b></p>	<p><b>1) Damage to street light poles and assembly is averted by trimming of trees near the poles in the entire campus.</b>  <b>2) The strain to students eye is avoided and the black board illumination is improved by proper bending of light shades in all the class rooms of the college.</b>  <b>3) Backup capacity is increased by procuring new 250 KVA DG set under TEQIP.</b>  <b>4) New BPL make 200 lines EPABX telephone exchange is procured through TEQIP and intercom facility is extended to all faculty of the college, office and departments.</b>  <b>5) Power scenario of the campus is upgraded from LT to HT mode.</b>  <b>6) Prompt payment incentive facility is obtained in the electricity bill, thus saving an amount of nearly Rs. 6000/- to Rs.9000/- annually.</b>  <b>7) Power interruptions in the campus is drastically minimized thus saving diesel and its cost.</b>  <b>8) Monthly diesel and energy abstracts of the campus is regularly generated and sent to management.</b>  <b>9) All records and data of this section are formatted and computerized.</b>  <b>10) The supply circuit of the whole campus is modified and refitted by removing all old, obsolete, extra and dead components from the circuit.</b>  <b>11) All additional and old dead circuits are removed from the system.</b>  <b>12) L T cables worth 3 lacks are removed from the ground and sent</b></p>

	<p>to SDM Dental college by the directions of the management.</p> <p>13) The supply mode for SDMES plantation bore well is changed from overhead to underground.</p> <p>14) The HESCOM deposits is streamlined and unified.</p> <p>15) The maintenance section is modified and painted.</p> <p>16) The generator room is streamlined and painted.</p> <p>17) All the workers are made to appear for government exam and valid permit obtained for them.</p> <p>18) All the workers are re-designated according to the work they carryout and double accident benefit facility is made available for them in their insurance policies.</p> <p>19) The working procedure of the section is streamlined and updated and the functioning is made easy.</p> <p>20) Boards of the approved electric grid and the list of authorized operators is prepared and displayed in the generator room as per Electrical Inspectorate norms.</p> <p>21) Pollution control boards permission is obtained for operating our DG sets legally up to 31<sup>st</sup> December 2017.</p> <p>22) A proposal to strengthen the electrical earth in the campus is made and got approved by TEQIP. The work is under progress.</p> <p>23) Heating and lighting circuits of the college hostel blocks are refitted and set right in record time.</p> <p>24) Strengthened the electrical earth in the campus through TEQIP Project in 2008.</p>
<p><b>ii) Various sub-committees</b></p>	<p>1)Chairman / member of anti ragging squads since the inception of Anti Ragging Committee of the college</p> <p>2) Coordinated the final year project exhibition at SDMCET</p> <p>3) Chairman / member of physical stock verification committees since the inception of stock verification committees and conducted verification of stock of Library Science Department, Electronics &amp; Communication Department and Chemical Engineering Department</p>
<p><b>iii) Clubs/association for students</b></p>	<p>1)Worked as Secretary, teaching staff association, SDMCET for 2 years and conducted various cultural activities and also streamlined the operation of staff welfare fund.</p> <p>2) Member, executive committee, teaching staff association, SDMCET.</p> <p>3) Worked as faculty advisor EEE Association for many years and conducted many technical programs viz. Trouble shoot, Technical quiz, Technical lecture programs, Cultural activities etc. in the department.</p> <p>4) Faculty Advisor, EEE Association 2007-08.</p> <p>5) Vice-president, Teaching staff association 2008-09.</p>
<p><b>Responsibilities at University Level</b></p>	<p>1) Member, Board of studies at Karnataka University, Dharwad</p> <p>2) Worked as coordinator during central valuation at Karnataka University,</p>

	<p>Dharwad on many occasions and successfully carried out the engineering valuation.</p> <p>3) Actively participating in the valuation / examination activities of VTU as and when called for.</p>
<b>Responsibilities at State Level</b>	<p>1) Was a member of syllabus framing and finalization committee, Karnataka Public Service Commission, Bangalore in 2001.</p> <p>2) Was a member of Goa University Recruitment committee, Goa Public Service Commission, Goa</p> <p>3) Member of panel of examiners, Karnataka Public Service Commission, Bangalore.</p> <p>4) Was a panel member for recruitment of graduate engineers at Prabhulingeshwar Sugar Works, Jamkhandi.</p> <p>5) Acted as Presiding Officer during corporation elections of Hubli &amp; Dharwad.</p> <p>6) Acted on many occasions as Presiding Officer in the general elections of state assembly and Lok Sabha in Dharwad &amp; Belgaum districts.</p>
<b>Responsibilities at Institution Of Engineers (India)</b>	<p>1) Acting as project guide for AMIE students and preparing them for section B examination</p> <p>2) Acted as Officer In-charge for AMIE examinations at local centre, Dharwad.</p> <p>3) Responsible and instrumental in bringing back the examination centre for the need of North Karnataka Region AMIE students at local centre, Dharwad.</p> <p>4) Was executive committee member, IE(I) local centre, Dharwad during 1998-2000.</p> <p>5) Was a member of editorial committee of the technical bulletin "ET TALK" IE(I) local centre, Dharwad.</p>
List of projects guided for AMIE students to prepare them for AMIE Part B exam	<p>1) A study of solid state speed control of DC separately excited motor</p> <p>2) Establishing 2 X 10 MVA, 110/11 kV sub station at Ramankoppa, Kundagol Taluk, Dharwad District.</p> <p>3) Study of generator and transformer protection in Nuclear Power station in comparison with Hydal Power Station.</p> <p>4) Diesel power plant and its importance in safe operation of Nuclear Power plant.</p> <p>5) Semi dynamic excitation system to static excitation system of 50 MW generators at Supa power house.</p> <p>6) Hard wiring system and its applications in tunnel ventilation system</p>

**3. Faculty Name** : S.B. KARAJGI

**Date of Birth** : 11-05-1959

**Education Qualification** : M. Tech.,



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any (Branch/Area)
Under Graduate	B.E	Dharwad	First Class	Electrical Engineering.
Post Graduate	M. Tech	REC, Warangal	First Class	Elect. Machines & Ind. Drives
PhD	Registered (Course Work Completed)	NITK, Suratksl		Energy Systems

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	25	1982 till date

**Area of Specialization** :

Sl. No	Area of Specialization
1	Elect. Machines & Industrial. Drives

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Basic Electrical Engineering
2	Signals & Systems

**Research Publications** :

Sl. No	Details of Research Publications
1	Published a paper on 'Implementing the cooperative model in rural electrification' in Regulateri Journal of The Energy Research Institute (TERI) 2006, September, issue 30, pp6-10
2	Published a paper on ' Strategies for sustainable rural electrification in Indian context' in the on line Journal of Electrical Systems (JES) UK, vol 3,Issue 1, March 2007 pp39-43, ISSN 1112-5209
3	Published a paper on 'Successful participation of people in Rural Electrification' in the IEEMA(Indian Electrical and Electronics Manufacturers Association), Vol XXVIII No 5, May 2007, PP85-88 ISSN-0970-2946

**Projects under taken** :

Sl. No	Details of Project Under Taken
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<b>1</b>	<b>For Final Year Students (VIII Sem)</b>
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**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	S.S. Industries, Dharwad, Testing and commissioning of electrical Machines
2	Nichrome Industries, Dharwad, Development of magnetic stirrer

**Papers Presented :**

Sl. No	Details of Papers Presented
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**International Conference Proceedings**

- 1) Published paper on 'Rural Electrification in India- Issues' at International Conference on Energy Research and Development (ICERD-05) at Kuwait November 21-23, 2005
- 2) Presented Paper on 'Strategies for Sustainable Rural Electrification in India' at 'International Interdisciplinary Conference for Environmental Protection (ICSTEP)' on January 7-9, 2006 at Coimbatore Institute of Technology, Coimbatore
- 3) Presented Paper 'Strategies for Sustainable Rural Electrification in India' at 'International Conference on Resource Utilization and Intelligent Systems (INCRUIS-2006)' on 4-6 January 2006 at Kongu College of Engineering, Perurudurai, Erode (Tamilnadu).
- 4) Presented Paper 'Rural Electrification –Strategy Options for India' at International Conference on 'Frontier Technologies –Need for Industry, Business and Education' at Adhiyamaan College of Engineering, Hosur (Tamilnadu) on September 6-7,2006
- 5) Presented paper 'Power planning strategies for sustainable rural Electrification in India' at International Conference in Recent trends in Computer Applications at College of Engineering, Bikaner on March 24- 25, 2007
- 5) Attended the International conference on “ Sustainable Distributed Generation and Rural Electrification” at CPRI, Bangalore on 31.05.2007.

**National Conference Proceedings**

- 1) Presented paper on 'Rural Electrification in India- An approach to PURA' at All India seminar on PURA on 11,12 March 2006 at The Institution of Engineers (I) Mysore Local Centre
- 2) Presented a paper at IEE Sponsored National Conference on Power Engineering Practices & Energy Management, Patiala, 28-29 January 2005 'Rural Electricity Distribution Systems in India –Issues'
- 3) Presented a paper on 'Rural Electrification In India People's Participation in Distribution' at National Conference on Advances in Electrical Engineering at NMAMIT Nitte, on 15,16 June 2006
- 4) Presented a paper on 'Distributed Generation' at National Conference on Advances in Electrical Engineering at NMAMIT Nitte, on 15,16 June 2006
- 5) Published a paper on 'Line loss reduction Analysis of D G 'All India seminar on Power system Generation at The Institution of Engineers (I),Chattisgarh state centre on 20,21 Jan 2007
- 6) Published a paper on 'Electrical power generation using municipal waste management in Dharwad-A case study' at the National Conference on Advances in Energy Conversion Technologies at MIT Manipal on 23,24 March, 2007
- 7) Published a Paper “ Power generation using MSW” in the national conference on “ Advanced Technologies in Electric and System at GIT Belgaum on 3.10.2007
- 8) Presented a Paper “ Rural Electrification and “Rural load profile in India”, at National conference on Advanced Trends in 'Electric and Electrical Systems at GIT Belgaum on 30.10.2007.

- 9) Published paper “ Successful Peoples participation in Rural Electrification at International conference on power Systems at CPRI in Bangalore on 12-14.Dec.2007.

**Other Information :**

<b>Sl. No</b>	<b>Other Information.</b>
<b>1</b>	Worked as Faculty Advisor, ISTE students chapter SDMCET for 7 years..
<b>2</b>	Chief Coordinator, IIPC at SDMCET for one year.
<b>3</b>	Acted as a member of Board of Examinations, VTU, Belgaum
<b>4</b>	Guest faculty for M.Sc Electronics at Karnataka University.
<b>5</b>	Acted as resource person for M.Tech. (Mineral Processing), Karnataka University, Dharwad
<b>6</b>	Worked as co-ordinator/Custodian , central valuation for Karnataka University examinations Several times
<b>7</b>	Acted as a resource person in Retooling of KPC Junior Engineers
<b>8</b>	Membership of Professional Societies : MISTE, MIE
<b>9</b>	List of Conferences, Short-term courses etc. organized : Convened Technoscope (state level & National technical competitions)6 times during 1998 to 2004 Organized number of workshops on Career guidance & planning (1999, 2000 & 2001)

**4. Faculty Name : B. DINESH BALLULLAYA**

**Date of Birth : 27.06.1959**

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



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	Mysore / SJCE	First Class with Distinction	Electrical Power
Post Graduate	M.E	Bharatiyar PSG Tech.	First Class	Electrical Machines

**Work Experience :**

Nature	No. of Years	Remarks if any
Teaching	25	Worked as Lecturer during 09-11-1981 to 22-11-1982 at SDMCET, Dharwad

**Area of Specialization :**

Sl. No	Area of Specialization
1	Electrical Machines

**Subjects Handling :**

Sl. No	Name of the Subject Handling Currently
1	Basic Electrical Engineering
2	Network Analysis
3	Transformer & Induction Machine Lab.
4	Electrical Machine Design Lab.

**Projects under taken :**

Sl. No	Details of Project Under Taken
1	For Final Year Students (VIII Sem)

**Other Information :**

Sl. No	Other Information.
1	Membership of Professional Societies : MISTE
2	Chief warden of hostels in campus since 2000-2001
3	Worked as Deputy Chief Superintendent for University examinations
4	Participated in the Seminar "New Perspectives in Power" at Institution . Of Engineers, Bangalore (1998.)
5	Participated in 9 <sup>th</sup> National Power System conference at IIT, Kanpur (1996)
6	Acted as a resource person in Retooling of KPC Junior Engineers

<b>7</b>	Acted as a resource person for coaching classes for AMIE students conducted by IE(I) local center, Dharwad.
<b>8</b>	Acted as guest faculty to handle Elect. Machine for 2 <sup>nd</sup> year Diploma students at KHK Polytechnic during 2006 -07.
<b>9</b>	Participated in the Two days workshop on SCADA & Energy management Systems at SIT Tumkur on 3 <sup>rd</sup> & 4 <sup>th</sup> of March 2006.
<b>10</b>	Workshop on “Managerial Capacity building” at Tumkur on 29.10.2007. The workshop was organized by SSIT, Tumkur in association with SPFU- TEQIP, DTE, Bangalore.

**5. Faculty Name** : SATISH S. DESAI

**Date of Birth** : 15.01.1962

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



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	KUD	First Class with Distinction	Electrical Engg.
Post Graduate	M.E	Mysore	First Class with Distinction	Power System

**Work Experience**

Nature	No. of Years	Remarks if any
Teaching	24	1984 till date

**Area of Specialization** :

Sl. No	Area of Specialization
1	Power Systems

**Subjects Handling** :

I. No	Name of the Subject Handling Currently
1	Basic Electrical Engineering
2	Electrical & Electronics Measurement
3	Testing & Commissioning of Elect. Equipment
4	Digital Relay
5	Relay High voltage Lab

**Projects under taken** :

Sl. No	Details of Project Under Taken
1	For Final Year Students (VIII Sem)

**Training Programme Undergone** :

Sl. No	Details of training Programme undergone.
1	<ul style="list-style-type: none"> <li>Attended Teachers training program on power system protection conducted by PRDC Bangalore at SIT Tumkur</li> </ul>

**Consultancy Services** :

Sl. No	Details of Consultancy services.
1	Conducted testing of relays for mini hydel station Saudatti.

**Other Information :**

- Acted as a resource person in Retooling of KPC Junior Engineers
- Worked as co-ordinator ,deputy chief of Examiners central valuation for University examinations.
- Acted as resource person for M.Tech. (Mineral Processing), Karnataka University, Dharwad.
- Acting as Secretary EEE Association Electrical Department, SDMCET., & IE (I) Student chapter.
- Acted as a member of BOE and BOS, M.Tech. (Mineral Processing) KUD.
- Acted as a resource person for coaching classes for AMIE students conducted by IE(I) local center, Dharwad.
- Conducted workshop on ‘Evaluation process and Autonomy’ in SDMCET.
- Membership of Professional Societies : MISTE
- Attended workshop on ‘power system protection in modern trends’ conducted in MSRIT Bangalore 2003.
- Attended National workshop “Energy Management Systems” (1997)
- Attended seminar “New Prospective in Power Transmission with Independent Power Projects”, IE(I), Bangalore( 1998).
- Attended one day workshop on C++ , Oops, SDMCET, Dharwad,( 2000)
- Attended Teachers training program on power system protection conducted by PRDC Bangalore at SIT Tumkur



**6. Faculty Name** : CLEMENT M. CHELLI  
**Date of Birth** : 17.09.1961  
**Education Qualification** : M. E.,

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	Dharwad	First Class with Distinction	Electrical Engg.
Post Graduate	M.E	Mysore	First Class with Distinction	Power System

**Work Experience**

Nature	No. of Years	Remarks if any
Teaching	23	1985.till date

Sl. No	Area of Specialization
1	Power Systems

**Subjects Handling :**

Sl. No	Name of the Subject Handling Currently
1	Basic Electrical Engineering
2	Peripherals & Microcontrollers
3	Embedded System
4	Advanced Microprocessor
5	DC Synchronous Machines Lab
6	Digital Electronics Lab
7	Transformer & Induction Machines Lab

**Projects under taken :**

Sl. No	Details of Project Under Taken
1	For Final Year Students (VIII Sem)

**Papers Presented :**

Sl. No	Details of Papers Presented
1	One

**Other Information :**

Sl. No	Other Information.
1	Membership of Professional Societies : MISTE
2	Acted as a resource person in Retooling of KPC Junior Engineers
3	Worked as Deputy Chief Superintendent for University examinations
4	Worked as squad members for VTU Examination
5	Conducted a workshop on " Evaluation Process & Autonomy" during April 2007.

<b>6</b>	Acted as Honorary Secretary, SDMCET Staff & Student's Consumer Co-operative Society.
<b>7</b>	Acted as coordinator, Pump Operators Training for Farmers (1997 – 98)

**Conferences/workshops attended:**

- Attended National Work-shop on “Energy Auditing and Demand side Management” at MCE, Hassan (1996)
- Attended Work-shop on C++ & OOPS, SDMCET. (2000)
- Attended Workshop “Microprocessor applications” at BVB college Of Engineering, Hubli (1992.)
- Attended workshop on PLC's at SDMCET, Dharwad
- Attended seminar “computer networks and multimedia Systems” at KLE Engineering college, Belgaum (1998.)
- Attended workshop on PSPICE at BMS college of Engg. Bangalore (2000.)
- Attended workshop on Power system protection at SIT Tumkur. (2001)
- Attended workshop on “Artificial Intelligence and VLSI Design” at BVBCET, Hubli (2005)

**7. Faculty Name** : MRITYUNJAYA KAPPALI

**Date of Birth** : 20.05.1961

**Education Qualification** : M. Tech.,



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any (Branch/Area)
Under Graduate	B.Tech.	Mysore	75%	Electrical Engg.
Post Graduate	M.Tech.	REC Warangal	69%	Electrical Machines & Ind. Drives
PhD	PhD	NITK, Surathkal	In progress	Energy Systems
Others if any	PGDRD	IGNOU New Delhi	Pass	Rural development

**Work Experience:**

Nature	No. of Years	Remarks if any
Teaching	24	1984 till date

**Area of Specialization:**

Sl. No	Area of Specialization
1	Renewable energy sources.
2	Elect Machines and Industrials Drives.

**Subjects Handling:**

Sl. No	Name of the Subject Handling Currently
1	Basic Electrical Engineering
2	Renewable Energy Source
3	Industrials Drives & Applications
4	Power Electronics

**Research Publications:**

Sl. No	Details of Research Publications
1.	“An Experiment in Teaching”, Indian Journal of Technical Education, ISTE, Jan-Mar, 2004.
2.	“Getting Started Towards Autonomy”, Indian Journal of Technical Education, ISTE, Sept. 2006, pp 55-58.

**Book Publications:**

Sl. No	Details of Book Publications
1	Author “Improved cooking stoves” Prasaranga, Karnataka University, Dharwad (1995)
2	Chief Editor, ‘Ascent: professional & positive’, Silver Jubilee Souvenir (Dec. 2004), SDMCET
3	Editor, ‘Towards Excellence in Engineering Education’ volume of valuable articles (Dec. 2004), SDMCET

4	Editor Member, "Teaching and Techniques in Technical Education", Anmol Publishers, New Delhi (Dec. 2004)
5	Chief Editor, 'Reflections-07', SDMCET, Dharwad

**Projects under taken:**

Sl. No	Details of Project Under Taken
1	Every Year For Final Year Students

**Training Programme Undergone:**

Sl. No	Details of training Programme undergone.
1	ISTE Workshop "Electrical Drives & Control", TISCO, Jamshedpur (1991 Dec. 16-21).
2	Workshop "Microprocessor controlled Elect. Drives", M.C.E. Hassan (1993 Aug. 27 & 28)
3	Winter School "Power Electronic Systems", KREC Surathkal (1996 Feb. 19-Mar. 31)
4	Summer School "Power Electronics in Energy Systems", R.E.C. Tirichi (1996 June 17-22)
5	Induction Training Prog., ASC, Karnataka University, Dharwad (1996 Aug. 3-23).
6	Workshop at P.S.G. I.T., Coimbatore (1996 Nov. 17-30).
7	ISTE National Seminar, M.S.R.I.T. Bangalore (1998 Dec. 19).
8	Workshop on C++ & OOPS, SDMCET (12-11-2000).
9	Workshop "Computer infrastructure management" SDMCET, Dharwad (2000).
10	STTP "Recent Trends in RES", BEC, Bagalkot (3-15 Sept. 2001).
11	Workshop on Accreditation (NBA) SDMCET (2001).
12	STTP "Solar Energy Applications", NITK, Surathkal (Jan.2003)
13	IEEE Conference "Power Electronics in Energy Conservation" HCE, Chennai (Feb 2004).
14	Attended National Power System Conference-2004, Chennai, Dec.2004
15	National Conference on Recent Trends in Power Systems, SNIST, Hyderabad, Nov.2005
16	International Conference on Renewable Energy, Hyderabad, Feb.2006.
17	Presented Paper at IASTED 7 <sup>th</sup> International Conference on Power & Energy Systems (Euro PES 2007) at Palma, Spain on 29. to 31 August 2007
18	Orientation Program at Kaytee Switchgear Ltd.,Hubli,16-25, Aug.2005.
19	Workshop on Energy Auditing, NITK, Surathkal.19-21,Dec,2005.
20	National Conference on Advances in Electrical Engineering, NMAM Institute of Tech., Nitte,15,16 June 2006.
21	Workshop on Solar Energy at SSIT, Tumkur (1-2, Dec, 2006)
22	National Conference on Best Practices in Engg. Education at Pune (2-3, Feb, 2007)
23	National Conference on Recent Trends in Energy Engg. & Management, TKIET, Waranangar, MS, 2 & 3 March 2007.
24	National Workshop on Design Optimisation of Centrifugal pumps at SDMCET Dharwad on 3 may 2008
25	Workshop at INFOSYS, Mysore, 07 to 11 July 2008 conducted by INDO- US collaboration for Engg Education.

**Consultancy Services :**

Sl. No	Details of Consultancy services.
1	Electrical Machine Testing for Akay Industries Hubli (1992-93).
2	Testing/Consultancy work for SELCO (2000-01).

**Papers Presented :**

Sl. No	Details of Papers Presented
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01	“An Experiment in Teaching”, Indian Journal of Technical Education, ISTE, Jan-Mar, 2004.
02	“Getting Started Towards Autonomy”, Indian Journal of Technical Education, ISTE, Sept. 2006, pp 55-58.
03	“Improved chullah for domestic water heating application” (2000 Dec), National Renewable Energy Conference, IIT Bombay
04	“Classroom Fans-an aspect of energy Conservation” (Feb2004), IEEE Conference on Power Electronics in Energy Conservation” HCE, Chennai
05	“A Novel Method of Saving Energy Consumed by Domestic Water Pump”, Dec.2004, National Power System Conference-2004, Chennai
06	“Use of Modern Automation & IT Tools for effective Energy Management in Distribution System”, Jan. 2005, IEE International Conference on Energy, IT,& Power Sector, Kolkata
07	“Energy Conservation in Electric Water Lifting In SDMCET Campus: A Case Study”, Nov.2005, National Conference on Recent Trends in Power Systems, SNIST, Hyderabad
08	“Energy Saving In Water Lifting For a Multi Storied Building” Feb.2006, International Conference on Renewable Energy, Hyderabad.
09	“Variable Speed Flow Control in Electric Pumps” National Conference on Advances in Electrical Engineering, NMAM Institute of Tech., Nitte, 15,16 June 2006.
10	“Solar PV driven Water Pumping System”, National Conference on Recent Trends in Energy Engg. & Management. TKIET, Waranagar, MS, 2 & 3 March 2007.
11	“Engg. Education Curriculum – Aspect of Immediate Social Relevance” (Dec.1998), ISTE National seminar, MSRIT, Bangalore.
12	“Dress Code at SDMCET and An Unique Activity ‘Friday-Khadi Day’”, 26-28 Aug. 2004, 3-Day Workshop on Faculty Development, SDMCET
13	“Some Aspects of Academically Weak Students And A Novel Method Of Improving Them”, 26-28 Aug. 2004, 3-Day Workshop on Faculty Development, SDMCET
14	“Getting Started Towards Autonomy”, Workshop on Autonomy, SDMCET, 2005.
15	“My Field: An innovative Co curricular Activity”, National Conference on Best practices in Engg. Education, Pune, 2&3 Feb 2007
16	Invited to serve as member of panel of judges ( for evaluation of exhibited modules) at TECHNO VISION 2007 a Technical Exhibition at Deshpande Institution kyst if Voc Trg, Haliyal on 09.02.2007
17	Presented Paper “SPV Driver water pumping system” at National Conference at warananagar, Maharashtra. On 2,3 march 2007
18	Attended state level workshop on “Recent Trends in Electrical Engg. at UBDT, College Davangere.
19	workshop on Autonomy” on 25 <sup>th</sup> june.2007
20	Attended and Presented paper at IASTET 7 <sup>th</sup> International conference on Power & Energy Systems (Euro P&S 2007) at Plama, Spain. 29..08.2007

**Other Information :**

**1. Achievements:**

**i) Important Engineering Works:**

- Evolved a very simple & low cost chullah as a part of project work for PGDRD (IGNOU). The same is under consideration for manufacture by the local potters.  
In the rural areas of our country, majority of the cooking chullahs are of less efficiency, 15-20 % for Charcoal chullahs and 6-10 % for firewood chullahs. This has resulted in more energy loss, economic burden on common man, larger environmental pollution, fast deforestation etc.

The proposed chullah has higher efficiency-25-28%. Charcoal, cow dung, small firewood pieces & agro waste can be used as fuel. It is simple made up of clay. Hence any local potter can manufacture it. It is transportable & the cost is less (Rs. 15-20/).

- Proposed a novel method of saving energy in domestic water pumping. This was taken up as UG project (VTU) & the experimental results were encouraging. It was published in national news papers (English/Kannada) with wide coverage.

#### ii) **Important Teaching Works:**

- Started wall magazine “ELMAG”(1992-93) later renamed as “Techfile”(1997-98)” and continued up to 2001-02.  
Conducted meetings for students after college hours for discussions about general technical matters under the banner “Techfile”.
- Initiated (2002-03) & completed for two batches, a novel & unique activity “My Field”.  
It is a voluntary activity spread over four semesters (V to VIII). The students are motivated to select a field of their interest in their V Semester, do focused work & share their knowledge in the form of seminars with all other students. This will continue every semester till their VIII Semester. Along with giving them a shade of specialization in a particular field, this activity helps in the development of professional personality of the student.

#### iii) **Important General Works:**

- Instrumental in starting “Engineer Day celebration” in E&E Dept. SDMCET (15-9-90)
- Instrumental in starting an unmanned free access library in the E&E Dept. SDMCET. with the books donated by students & staff (1995-96)
- Initiated “Friday Khadi” activity (2002-03).  
“Friday-Khadi Day” is a unique voluntary activity being practiced at SDMCET. In this, every week on Friday, we wear clothes made of Khadi. The number of persons following this has increased to 30% in Faculty and 2-3 % in Students.  
It promotes positive attitude & has engineering relevance too.  
We link ourselves with our surrounding people and their technology if we start using their products. This opens possibilities of developing interest in them & at least some competent engineers coming forward voluntarily to improve their existing technology or innovate new ones enabling them to face the competition. Their sales will increase assuring their livelihood. By this, engineering college and we engineers become more socially relevant to the immediate locality and people. Present activity is aimed at such an objective of orienting the engineering professionals to care for the economically & technologically weaker sections.
- Conducted value addition activity “Exposure to Industry /Business /Economy Thro’ Professional Paper” for IV Sem E&E Students. May 2008

## **2. Membership of Professional Societies :**

- FIE; MISTE

## **3. Additional Responsibilities Shouldered:**

- Member, Academic council, SDMCET (2001-03).
- Coordinator, NBA activities of Electrical Department (01-02)
- Member, Core Committee, Preparation for NBA visit(2006)
- Preparation of Part I Document of SDMCET for NBA (2006)
- Secretary EEE Association Electrical Department, SDMCET
- Coordinator, Technoscope-2000, a state level competition in technical events.
- Officer In charge for AMIE examinations

- Executive committee member for I.E.(I). Local centre Dharwad.
- Editorial committee member for technical bulletin ET Talk, of IE (I) local center Dharwad.
- Coordinator, central valuation and Deputy Chief Supdt. for University examinations
- Chairman, subcommittee on Emoluments to the employees of SDMCET consumers' co operative society.
- Honorary Secretary, ISTE chapter SDMCET.
- Several assignments as Resource person & Delivered lectures.

**4. Areas of Interest:**

Energy conservation-- Renewable Energy Sources—Power Electronics —Electrical Power Apparatus—Electric Drives –  
Rural Development —Appropriate Technology.

**8 Faculty Name** : **G D KAMALAPUR**  
**Date of Birth** : **24.10.1961**  
**Education Qualification** : **M E**



Degree	Degree	University/College Details	Year-Grade	Fields
Under Graduate	B.E	Karnataka University Dharwad	First Class with Distinction	Electrical
Post Graduate	M.E	Shivaji University	First Class with Distinction	Control System
PhD	Registered	National Institute of Technology Karnataka, Surathkal	2003	Energy Systems

**Work Experience:**

Nature	No. of Years	Remarks
Teaching	24	1984 till date

**Area of Specialization:**

No	Area of Specialization
1	Control System (M. E)

**Subjects Handling:**

No	Name of the Subject Handling
1	Modern Control Theory
2	Control Systems
3	High Voltage Engineering
4	Basic Electrical Engineering

**Research Publications:**

No	Research Publications
1	Published a paper on 'Implementing the cooperative model in rural electrification' in Regulateri Journal of The Energy Research Institute (TERI) 2006, September, issue 30, pp6-10
2	Published a paper on ' Strategies for sustainable rural electrification in Indian context' in the on line Journal of Electrical Systems (JES) UK, vol 3, Issue 1, March 2007 pp39-43, ISSN 1112-5209
3	Published a paper on 'Successful participation of people in Rural Electrification' in the IEEMA (Indian Electrical and Electronics Manufacturers Association), vol XXVIII No 5, May 2007, PP85-88, ISSN-0970-2946

**Training Programmes / workshops Undergone:**

No	Training Programme/ workshops participated
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1	National Workshop on 'Microprocessor Controlled Drives' at MCE Hassan, 27, 28 August 1993
2	National Workshop on 'Energy Auditing & Demand Side Management' at MCE Hassan, 26, 27 August 1998
3	Workshop on 'Application of MATLAB', at NMAMIT Nitte 22-24 on April 2002
4	ISTE- STTP sponsored National workshop on Solar Energy & Applications (SEA) at NITK Surathkal, Jan-2 and Feb 03, 2003
5	National workshop on 'Microprocessor Applications' at B V B Hubli, 1-2 May 2003
6	National Level Industry – Institute Interactive meet on 'Energy and Lighting' at MIT Manipal, 30 August 2004
7	National Level Workshop on 'Mechantronics' conducted by National Institute of Technology Karnataka Surathkal on 1, 2 August 2005
8	National Level Workshop on 'Energy Auditing' conducted by National Institute of Technology Karnataka Surathkal on 19-21 December 2005
9	Faculty Induction training program for teachers of Engineering colleges at Karnataka University, August 3-23, 1996
10	Faculty development program in 'Recent trends in Electrical Engineering' at U B D T Davangere on 18-19 April 2007
11	International Indo-Canada Conference on 'Rural Electrification and Distributed Generation' at CPRI Bangalore 31 May 2007
12	A paper Published on "Strategies for sustainable Rural Electrification" in Electrical India, Journal Vol 48, No 4 April 2008

**Consultancy Services:**

No	Details of Consultancy services.
1	Testing of Induction motors at AKAY Industries Hubli

**Papers Presented:**

<b>No I) Publications in International Conferences Proceedings</b>	
1	Published a paper on 'Rural Electrification in India- Issues' at International Conference on Energy Research and Development (ICERD-05) at Kuwait November 21-23, 2005
2	Presented Paper 'Strategies for Sustainable Rural Electrification in India' at 'International Conference on Resource Utilization and Intelligent Systems (INCRUIS-2006)' on January 4-6, 2006 at Kongu College of Engineering, Perurudurai, Erode (Tamilnad)
3	Presented Paper on 'Strategies for Sustainable Rural Electrification in India' at 'International Interdisciplinary Conference for Environmental Protection (ICSTEP)' on January 7-9, 2006 at Coimbatore Institute of Technology, Coimbatore (Tamilnad)
4	Presented Paper 'Rural Electrification –Strategy Options for India' at International Conference on 'Frontier Technologies –Need for Industry, Business and Education' at Adhityamaan College of Engineering, Hosur (Tamilnad) on September 6-7, 2006
5	Presented paper 'Power planning strategies for sustainable rural Electrification in India' at International Conference in Recent trends in Computer Applications at College of Engineering, Bikaner on March 24-25, 2007 (Rajasthan)
<b>II) Publications in National Conference Proceedings</b>	
1	Presented a paper at National Conference on Recent Trends in Electrical Engineering -05 August 29-30, 2005, at KSRCT College Tiruchengode, (Tamilnad) on 'Design of Three phase Induction Motor Higher output from

	Lower Frame'
2	Presented a paper at IEE Sponsored National Conference on Power Engineering Practices & Energy Management, TIET, Patiala, (Punjab) 28-29 January 2005 'Rural Electricity Distribution Systems in India –Issues'
3	Presented paper on 'Rural Electrification in India- An approach to PURA' at All India seminar on PURA on 11,12 March 2006 at The Institution of Engineers (I) Mysore Local Centre (Karnataka)
4	Presented paper on 'Factors in Autonomy' at a faculty development workshop at SDMCET, October 2005 Regarding 'Issues of Autonomy'
5	Presented a paper on 'Rural Electrification In India People's Participation in Distribution' at National Conference on Advances in Electrical Engineering at NMAMIT Nitte,(Karnataka) on 15,16 June 2006
6	Presented a paper on 'Distributed Generation' at National Conference on Advances in Electrical Engineering at NMAMIT Nitte,(Karnataka) on 15,16 June 2006
7	Published a paper on 'Line loss reduction Analysis of D G 'All India seminar on Power system Generation at The Institution of Engineers (I), Chattisgarh state centre on 20,21 Jan 2007
8	Published a paper on 'Electrical power generation using municipal waste management in Dharwad-A case study' at National Conference on Advances in Energy Conversion Technologies at MIT Manipal (Karnataka) on 23,24 March, 2007
9	Artic Presented in " Deccan Herald" daily on " Save Energy, ave Money" on 2 March 2007, DH Reality supplement.
10	Published a paper titled " strategies for sustainable Rural electrification in Indian contract" in Journal of electrical systems Vol-3 Issue 01.03.2007
11	Attended state level workshop on "Recent Trends in electrical Engg" at UBBDT College Davanagere on 18-19 April 2007
12	Attended International conference on "Sustainable distributed generation and Rural Electrification at CPRI Bangalore on 31.05.2007
13	Article Published in " Vijnana sangati" Monthly Journal of Kannada University Hampi, Titled " ROBOTS " (In Kannada Vol 12 June 2007.
14	Attended "Conference –Com –Exhibition on Solar 2007 organised by world Institute for sustainable energy (WISE) at NIMHANS, Bangalore on 19,20 July 2007.
15	Presented paper "Rural Electrification and Rural load in India" at National conference on Advanced Trends in electrical & electronics Engineering at Gagate Institute of Technology Belgaum o 30.10.2007.
16	Presented Paper "Successful People's Participation in Rural Electrification" at International Conference on Power Systems (ICPS -2007) at CPRI Bangalore on 12-14 December 2007.

**Other Information:**

No	Student Projects
1	Co-guide to M E Project ' Modeling & Simulation of Induction Motor Using MATLAB' to Sri Iqbal Sheriff from Walchand College of Engineering Sangli affiliated to Shivaji University Kolhapur
2	Four student batches projects sponsored by Karnataka State Council for Science & Technology (KSCST)
3	Three batches of students carried Industry Based Final year Projects at Kirlosker Electric Company Limited Hubli

4	Undergone orientation program at Kirlosker Electric company, Hubli
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No	Article Publications / Invited Talks
1	Article published in Deccan Herald English daily DH Reality supplement on 'Save money: Conserving Energy' March 2,2007
2	Article published in Deccan Herald English daily on 'Conserving Energy' on 12 November 2006 pp IV
3	Published an article (in Kannada) Vignana Sangati of Kannada University, Hampi on 'Using of Mobiles' March 2007
4	Published an article (in Kannada) Vignana Sangati of Kannada University, Hampi on 'Electrical energy conservation' 2006 Dec. vol 12, No2 pp37
5	Published an article (in Kannada) on ' Changing Roll of Parents' in special edition of Kannada daily Samyukta Karnataka on 12, Dec. 2005
6	Published an article in English daily Vijay Times "A Savior on bike" on 26 Feb. 2006
7	All India Radio Talk (in Kannada) on 'Achievements of Science & Technology By Central Government' on 19 October 2003
8	All India Radio Talk (in Kannada) on 'T V Education' on 22, Dec. 2004
9	All India Radio Talk (in Kannada) on 'Energy Auditing' on 11,Mar 2006
10	Resource person in Retooling of KPC Junior Engineers in 1994-95
11	K H Kabbur polytechnic Students on 'Introduction to Control Systems' on 27, February
12	Staff members of NTT on 'Control Systems' on January 7,2004
13	M Sc (Electronics) at Karnataka University Dharwad in the year 2005-06 on 'Control Systems'
14	Staff members of K M F cattle feed Rayapur on 'Energy Auditing and Management' on 3,February 2006
15	Coordinator Kannada Vedike, SDMCET from 1994 -2003
16	An article is published in DECCAN HERALD on 19.06.2008 Education supplement, having title" Engineers in waiting"
17	An article by in SAMYUKTA KARNATAKA special edition tile" Development Model for India" published on 9 <sup>th</sup> July 2008.
18	Presented a paper titled "People's participation in rural Electrification" at Intrnation conference on Emerging Trends in Engg &Technology, July 2008

### Others Responsibilities

- 1) Coordinator, Trouble Shoot -2002 state level Technical competition conducted by Electrical Department of S D M C E T
- 2) Member, Organising Committee 'SHRUSHTI 2003' state level technical students projects competition organized by ABVP at KLE Belgaum
- 3) Worked as co-coordinator central valuation, Deputy Chief Superintendent for University examinations
- 4) Editor souvenir 'Think India' National Conference organasised by ABVP on Jan11-12, 2007 at Art of Living Campus Bangalore
- 5) Member, Organizing Committee Seventh VTU Athletic meet at SDMCET
- 6) Coordinated yoga camp in college campus for staff members, May 4-15,2002
- 7) Co-Editor Silver Jubilee Celebration commemorative magazine 'ASCENT' of S D M C E T
- 8) External P G Project examiner for Shivaji University, Kolhapur
- 9) External& Internal Deputy Chief, External & Internal practical Examiner of University Examinations
- 10) Coordinator cultural Team KANNADA VEDIKE Organized  
Guest lectures from eminent personalities – 18

Inter collegiate competitions - 8

Different types of competitions for students – 22

- 11) Member- College Cultural committee
- 12) Member- College Sports committee
- 13) Member- College Library committee
- 14) Worked as a Placement Officer

**11 Faculty Name : RAMESH.L. CHAKRASALI**

**Date of Birth : 01-09-1965**

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



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	SDMCET, Dharwad KU, Dharwad	First Class	Electrical Engg
Post Graduate	M.E	SDMCET, Dharwad KU, Dharwad	First Class	Digital Electronics
PhD	Registered	SDMCET, Dharwad VTU, Belagum	2006	IT tools for energy management

**Work Experience :**

Nature	No. of Years	Remarks if any
Teaching	19	1990 till date
Research	1.6	

**Area of Specialization :**

Sl. No	Area of Specialization
1	Digital Electronics
2	Area of interest –Energy systems and protection

**Subjects Handling :**

Sl. No	Name of the Subject Handling Currently
1	Basic Electrical Engineering
2	Logic Design
3	Constitution of India and Professional Ethics
4	Switch Gear & Protection
5	Digital Systems Design using VHDL
6	Utilisation of electrical power

**Book Publications :**

I. No	Details of Book Publications
1	Testing and commissioning of electrical equipments
2	Electrical power utilization
3	Basic electrical Engineering
4	The Constitution of India and Professional Ethics

**Projects under taken :**

Sl. No	Details of Project Under Taken
1	50 Hz sine wave inverter (Sponsored by BEL Bangalore)

**Papers Presented :**

Sl. No	Details of Papers Presented
1	Two Nos.

**Other Information :**

- Worked as co-ordinator, central valuation. for University examinations
- Acted as supdt. for AMIE examinations and as officer incharge for I.E.(I). Local centre Dharwad
- Acted as resource person in the short term course conducted for the KPTCL junior Engineers retooling program.
- Acting as resource person for AMIE students conducted by institution of engineers local center dharwad.
- Guiding and organizing hobby projects and exhibition every year for V sem students.
- Convened state level technical competition Troouble Shoot 2001.
- Worked as secretary of EEE Association for two years and organized many technical events.
- Accompanied E&E students in technical tour several times.
- Guided industries sponsored project (BPL Ltd. Bangalore) for final year students “Sine Wave Invertors using MOSFETS ”(1999-00).
- Acted as a resource person for coaching classes for AMIE students conducted by IE (I) local center, Dharwad.
- Co-ordinated there days community service program at Hulakoppa village for formers and youth to train in operation and maintenance of irrigation pumps.
- Delivered a talk on “ Trouble shooting” at IEI Local centre, Dharwad
- Delivered talk on routine maintenance of distribution transformers and trouble shooting at KHK Institution, Dharwad
- Acted as resource person in community service
- Involved in conducting several internship experiments on electrical equipment beyond curriculum
- Under gone one week training Programme on PLC at SDMCET Dharwad Jan 2006
- Published an article “ Some aspects of dairy automation “ in ET TALK, technical bulletin, IE(I) local center Dharwad.
- 7. Membership Professional Societies : MISTE, MIE
- 8. List of Conferences, Short-term courses etc., participated :
- Attended work-shop on C++ & Oops ,SDMCET
- Attended Induction Training Program for Engg. College Teachers conducted by Academic Staff College, Karnatak University, Dharwad.
- Attended one day workshop conducted by VTU on “Course optimization and reforms in examination system”
- Attended one day workshop at MSRIT B’lore on advanced protection of power systems
- Attended workshop on VLSI at KLE Belgaum.

**10 Faculty Name** : SUNIL JOSHI

**Date of Birth** : 14.05.1966

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



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	SDMCET, Dharwad KU, Dharwad	First Class	Electronics & Communications
Post Graduate	M.E	SDMCET, Dharwad KU, Dharwad	First Class with Distinction	Digital Electronics

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	18	1989 till date

**Area of Specialization** :

Sl. No	Area of Specialization
1	Digital Electronics

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Electronics Circuits,
2	Operational amplifier & Linear Ic's
3	Micro Processor
4	VLSI Circuit & Design

**Projects under taken** :

Sl. No	Details of Project Under Taken
1	Automation of load test of induction motor
2	Automation of circle diagram plot of three phase induction motor
3	Embedded controller for printer interface
4	ASIC Design of ADC
5	DC motor Speed Control for Traction application (Crane) using thyristors

**Other Information** :

- Guiding, since many years, operation & maintenance of electronic equipments in the department.
- Guiding, since many years, Beginners of the Engineering students.

- conducting & guiding CASE Studies projects (Voluntary activity)
- Membership of Professional Societies : MISTE

**12. Faculty Name** : V.R. SHEELAVANT

**Date of Birth** : 01-07-1975

**Education Qualification** : M. Tech.,



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	SDMCET, Dharwad KU, Dharwad	First Class with Distinction	Electrical & Electronics
Post Graduate	M.E	SDMCET, Dharwad KU, Dharwad	First Class with Distinction	Power Systems

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	10	09.08.2008 till date

**Area of Specialization** :

Sl. No	Area of Specialization
1	Power Systems

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Electrical Power utilization
2	TIM Lab
3	DE Lab
4	PSS Lab

**Projects under taken** :

Sl. No	Details of Project Under Taken
1	Mini Bio-gas and solar Power plant ,a Hybrid Power plant.
2	Power System Signal Processor
3	Automated Platform for Industries ,sing Microcontroller.
4	Power Theft control .

**Other Information** :

- Power factor Improvement at previous Institute.
- Guiding, since many years, Beginners of the Engineering students.
- One paper presented in Advanced Signal Processing .

- conducting & guiding CASE Studies projects (Voluntary activity).
- Membership of Professional Societies : MISTE

**12. Faculty Name** : B. S. Shalavadi

**Date of Birth** : 12-06-1977

**Education Qualification** : M. Tech.,



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	University of Mysore	First Class	Electrical Engg
Post Graduate	M. Tech.	VTU, Belgaum	First Class with Distinction	Electrical Energy Systems

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	04	2004 till date
Industry	02	2000-2002

**Area of Specialization** :

Sl. No	Area of Specialization
1	Electrical Energy Systems

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Data structures and algorithms
2	Electrical power generation
3	Computer Organization
4	Switch Gear & Protection
5	Data base management systems
6	Basic Electrical Engineering

**Projects under taken** :

Sl. No	Details of Project Under Taken
1	HT line loss & TUF calculations of an urban feeder (mini project)
2	Energy auditing of an Industrial feeder
3	Microprocessor based intelligent lighting system
4	Development of PWM controlled MOSFET Inverter bridge-Microcontroller based. (KSCST sponsored project)
5	Transformer monitoring device

**Training Programme Undergone :**

Sl. No	Details of training Programme undergone.
1	Attended 15 days staff training Programme on "Electricity Management", held at DSCE, Bangalore, on 26 <sup>th</sup> dec2005 to 7 <sup>th</sup> jan2006.
2	Attended two day wokshop on CAD for Electrical Drawing held at BIT, Bangalore, on 13-14 may2005
3	Attended one week staff development Programme On " Artificial intelligence and VLSI for Embedded power Monitoring and Control" held at BVBCET, on august 22-27,2005.
4	Resource person for the STTP " Recent trends in power System Technology" on 20.06.2008
5	Short term training programme on " AI based soft composing tools for Image processing" on June 2008

**Papers Presented :**

Sl. No	Details of Papers Presented
1	Basavaraj Shalavadi , "Energy Conservation in Distribution line through Resizing the Transformer Rating - a case study", Power Engineering Practices and Energy Management PEPEM 2005, Thaper Institute of Engg. & Technology, Patiala, Punjab, 28-29 Jan 2005- <b>won best paper award</b>

**Awards :**

Sl. No	Details of Awards
1	<b>won best paper award</b>

**Other Information :**

Sl. No	Other Information.
1	Committee Member of Silver Jubilee "Exhibition Committee".
2	Worked as co-ordinator, central valuation. for University examinations
3	Conducted software training programme on "CYME DIST" software for faculty and students of E&E department on 8 <sup>th</sup> and 9 <sup>th</sup> Sept. 2006 SD
4	Conducted software training programme on "MY-POWER" training programme for faculty and students of E&E department
5	Acting as Member of cultural "Committee", SDMCET
6	Acting as Member of "Grievances Committee", SDMCET

6. Publications :01

7. Membership Professional Societies: MISTE,

8. List of Conferences, Short-term courses etc., participated :

- National seminar on "Energy Efficient Electrical Apparatus and Systems" held at PVG's College of engineering and technology, pune(India), on 21-22 Feb,2003.
- National seminar on "Power Engineering Practices and Energy Management" PEPEM 2005, Thaper Institute of Engg. & Technology, Patiala, Punjab, 28-29 Jan 2005.

**12. Faculty Name** : Miss L.D. Shirahatti

**Date of Birth** : 01.03.1984

**Education Qualification** : B.E

Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	VTU, Belgaum	First Class	Electrical Electronics Engg

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	1.5 Years	2007 till date

**Area of Specialization** :

Sl. No	Area of Specialization
1	Nil

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Electrical Power Generation
2	TCEE
3	Transmission & Distribution
4	Microprocessor Lab
5	DE Lab
6	AE Lab
7	Electric Measurements Lab

**Projects under taken** :

Sl. No	Details of Project Under Taken
1	Nil

**Training Programme Undergone** :

Sl. No	Details of training Programme undergone.
1	Nil

**12. Faculty Name** : Miss Neeta V Hiremath

**Date of Birth** : 23.04.1984

**Education Qualification** : B.E



Degree	Degree Title	University/College Details	Grade Obtained	Remarks if any
Under Graduate	B.E	VTU, Belgaum	First Class	Electrical Electronics Engg

**Work Experience** :

Nature	No. of Years	Remarks if any
Teaching	--	2008 till date

**Area of Specialization** :

Sl. No	Area of Specialization
1	Nil

**Subjects Handling** :

Sl. No	Name of the Subject Handling Currently
1	Electrical Power Generation
2	
3	
4	

**Projects under taken** :

Sl. No	Details of Project Under Taken
1	Microprocessor Based Security System

**Training Programme Undergone** :

Sl. No	Details of training Programme undergone.
1	Nil

## Annexure-B: Details of Companies visited last Year

SL. No.	Name & Details of the Company	No of Students Recruited	Salary Offered per Annum in Rs	
			Max	Min
1	Infosys Bangalore	04	3.10,000/-	2,00,000/-
2	CTS Bangalore	03	3.10,000/-	2,00,000/-
3	L&T ECC Bangalore	02	3.10,000/-	2,00,000/-
4	MCF Mangalore	02	3.10,000/-	2,00,000/-
5	Mind Tree Consulting, Bangalore	04	3.10,000/-	2,00,000/-
6	HCL Bangalore	01	3.10,000/-	2,00,000/-
7	Mind Tree Testing Bangalore	02	3.10,000/-	2,00,000/-
8	L&T InfoTech, Bangalore	01	3.10,000/-	2,00,000/-
9	PSPL Pune	02	3.10,000/-	2,00,000/-
10	Enorcon India Bangalore	02	3.10,000/-	2,00,000/-
11	Ridhi Sidhi Boils Ltd Gokak	01	3.10,000/-	2,00,000/-
12	Robert Bosch Bangalore	01	3.10,000/-	2,00,000/-
13	Hospet Steels, Hospet	01	3.10,000/-	2,00,000/-

## Annexure-C: Details of Infrastructure

Sl. No	Infrastructure	Area in Sq. mts		Remarks / Usage
1	Class Rooms	23	138.70 sq. meters	Lecture hall
		24	138.70 sq. meters	Lecture hall
		17	91.39 sq. meters	Lecture hall (3 days in a week)
2	Laboratories	Circuits & Measurement Lab	626.14 Sq. m	
		Machine Lab	399.20 Sq. m	
		Microprocessor & RHV Lab	283.20 Sq. m	
		Instruction Room	51.84 Sq. m	
		PSS & ES Lab	205.30 Sq. m	
		M. G. Set Room	113.88 Sq. m	
		Store Room	47.61 Sq. m	
	Electrical CAD Lab	33.75 Sq. m		
3	HOD Room		33.58 sq. meters	
4	Faculty Rooms	1 + 2	136.76 sq. meters	
5	Staff PC Room		33.75 sq. meters	
6	Info center		8.74 sq. meters	
<b>TOTAL</b>			<b>1476.83 Sq. meters</b>	<b>1476.83 Sq. meters</b>

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

Sl. No	Details of the Equipment / Computers / Software ****	Cost in Rs per Item	Qty	Total Cost in Rs.	Usage
1	Generator set	56,361.00	01	56,361.00	Machines Laboratory
2	High voltage transformer	92,700	01	92,700	Relay & High voltage Laboratory
3	High voltage Schering bridge	1,02,000.00	01	1,02,000.00	Relay & High voltage Laboratory
4	Digital storage oscilloscope	50,045.00	01	50,045.00	Project & Precious Laboratories
5	Digital storage oscilloscope & accessories	83,985.00	01	83,985.00	Project & Precious Laboratories
6	Militia media projector	1.28,000.00	02	1.28,000.00	Project & seminar Regular classis
7	60 MHz Digital storage oscilloscope	72,000.00	01	72,000.00	Project & Precious Laboratories
8	CYME software	15,18,000.00	01	15,18,000.00	
9	Mi Power Software	5,00,000.00	01	5,00,000.00	Power System Laboratory
10	Smart Board	99,000.00	01	99,000.00	Project & seminar Regular classis
11	Computers	(each) 52,000.00	16	8,32,000.00	Embedded systems Laboratory
11	Hand Held Oscilloscope	1,01,218	01	1,01,218	Project & Precious Laboratories
12	32 channel logic Analyzer	1,45,600	01	1,45,600	Embedded systems Laboratory
13	Microcontroller Kits With Interfaces	1,44,194	01	1,44,194	Microcontroller Lab
14	FPGA Trainer Kits (VLSI) With Interfaces	76,894	01	76,894	Embedded systems Laboratory

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