



# **DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE & Affiliated to Anna University, Chennai)

Accredited with 'A' Grade by NAAC

East Coast Road, Mamallapuram, CHENNAI-603 104, Tamil Nadu.

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Date

15.11.2017

Ref no: DSCET / NAAC / 2017-18 / 002

To

The Director,

National Assessment and Accreditation Council,

P.O.Box No. 1075, Opposite to NLSIU Nagabhavi,

Bangaluru – 560 072.

Sir,

Sub: Submission of AQAR 2016 -17 –reg.

With reference to the above subject, we have attached the AQAR Report along with Annexure for your kind reference and perusal. We request you to kindly acknowledge.

Thanking you

With regards

PRINCIPAL,  
Dhanalakshmi Srinivasan  
College of Engineering & Technology  
ECR, Mamallapuram, Chennai - 603 104.

**DHANALAKSHMI SRINIVASAN**

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

**ECR, MAMALLAPURAM, CHENNAI-603 104.**

**INTERNAL QUALITY ASSURANCE CELL**

**ANNUAL QUALITY ASSURANCE REPORT  
2016 - 2017**

*Submitted to*

**National Assessment and Accreditation Council  
Bangalore, India**

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# **The Annual Quality Assurance Report (AQAR) of the IQAC 2016-17**

## **Part – A**

### **1. Details of the Institution**

1.1 Name of the Institution DHANALAKSHMI SRINIVASAN COLLEGE OF  
ENGINEERING AND TECHNOLOGY

1.2 Address Line 1 East Coast Road

Address Line 2 MAMALLAPURAM

City CHENNAI

State TAMIL NADU

Pin Code 603 104

Institution Mail Address [dscet@yahoo.co.in](mailto:dscet@yahoo.co.in)

Contact No's 044 – 27442844, 27443844

Head of the Institution Dr. V.SEKAR

Telephone Number 044 – 27442844 (Ext : 650)

Mobile Number 9585594583

IQAC Coordinator Prof . Pon.ARIVANANTHAM

CSE department

Mobile Number 9444290474

Email Address dscet-vp@dsgruppmail.com

1.3 NAAC Track ID TNCOGN20786

OR

1.4 NAAC Executive Committee EC(SC)/06/A&A/036 dated 01.05.2015  
No. & Date:

1.5 Website address: [www.dscet.ac.in](http://www.dscet.ac.in)

Web-link of the AQAR [www.dscet.ac.in/AQAR2016/AQAR2016.pdf](http://www.dscet.ac.in/AQAR2016/AQAR2016.pdf)

1.6 Accreditation Details

S.No	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.07	2015	2015-2020

1.7 Date of Establishment of IQAC 25.01.2014

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i) AQAR 2015-16 submitted to NAAC on 06-09-2016.

1.9 Institutional Status

University	State	Ce	<input type="checkbox"/>	Dec	<input type="checkbox"/>	Priva	<input type="checkbox"/>	<input type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Constituent College	Yes	<input type="checkbox"/>		<input type="checkbox"/>				
Autonomous college of UGC	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				

Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
	Urban	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input type="checkbox"/>
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input type="checkbox"/>	UGC 12B	<input type="checkbox"/>
	Grant-in-aid + Self Financing	<input type="checkbox"/>			Self-financing	<input checked="" type="checkbox"/>

1.10 Type of Faculty/Programme

Arts	<input type="checkbox"/>	Science	<input type="checkbox"/>	Commerce	<input type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input checked="" type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input checked="" type="checkbox"/>		
Others (Specify)	-								

1.11 Name of the Affiliating University ANNA UNIVERSITY, CHENNAI

1.12 Special status conferred by Central/ State Government/UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt./University	No
University with Potential for Excellence	No
UGC-CPE	No
DST Star Scheme	No
UGC-Special Assistance Programme	No
DST-FIST	No
UGC-Innovative PG programmes	No
UGC-COP Programmes	No
Any other (Specify)	Received 2(f) and 12(B) Status from UGC

2. IQAC Composition and Activities

2.1	No. of Teachers	4		
2.2	No. of Administrative/Technical staff		1	
2.3	No. of students	2		2.4
	No. of Management representatives	3		
2.5	No. of Alumni	2	2. 6	No. of any
	other stakeholder and			
	community representatives	2		
2.7	No. of Employers/ Industrialists		1	
2.8	No. of other External Experts		2	
2.9	Total No. of members	16		
2.10	No. of IQAC meetings held	07		
2.11	No. of meetings with various stakeholders:			
	Faculty		12	
	Non-Teaching Staff		2	
	Students		4	
	Alumni		2	
	Others		-	
2.12	Has IQAC received any funding from UGC during the year?			

No

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total No's	32
International	02
National	16
State	04
Institutional Level	10

(ii) Themes - Faculty Enrichment Program,  
Role of IQAC in Reaccreditation  
process.

2.14 Significant Activities and contributions made by IQAC

IQAC plays a major role in internalizing a culture of quality within the institution. The following are the active contributions given by IQAC in the Academic year: 2016-17.

1. WIFI facility is extended to all the hostels and classroom blocks to have a 24x7 internet access.
2. Through periodic feedbacks obtained from students, alumni, parents and other stake holders on quality related areas, the learning process is assessed and improvement measures are suggested to ensure quality enhancement and excellence.
3. Enhancement in research work of the faculty and students is done.
4. Digitization.
5. Upgraded library facilities by subscription to e-journals and providing inter-connectivity with other libraries.
6. Orientation programmes are conducted for the faculty members to enrich themselves.
7. Strengthening the Club activities for the students to connect to the society related issues through the institution.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out in the beginning of the year towards quality enhancement and the outcome achieved is reviewed by the end of the year

Plan of Action	Achievements
1. Innovation Clubs.  2. Through periodic feedbacks obtained from students, alumni, parents and other stake holders on quality related areas, the learning process is assessed and improvement measures are suggested to ensure quality enhancement and excellence.  3. Increase the students placement activities  4. Digitization.  5. Upgraded library facilities by subscription to e-journals and providing inter-connectivity with other libraries.	1. Students are motivated to do innovative projects in individual departments through club activities.  2. Periodic meetings are arrangement with the stake holders in which there feedback are recorded and used for betterment of the institution.  3. No. of students placed On campus – 448; Off Campus – 30  4. E-file system to promote paperless office.  5. E-journals are used to upgrade the students technical knowledge. Which helps them in doing their projects.

Academic Calendar attached in **Annexure - I**

2.15 Whether the AQAR was placed in statutory body Yes

Management	Yes
Syndicate	-
Any Other Body Specify	IQAC

Provide the details of the action taken

Measures are taken to strengthen on campus placement.
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**Part – B**  
**Criterion – I**

## 1. Curricular Aspects

### 1.1 Details about Academic Programmes

<b>Level of the Program</b>	<b>Number of Existing Programmes</b>	<b>Number of Programmes added during the year</b>	<b>Number of Self-financing Programmes</b>	<b>Number of value added/ career oriented programmes</b>
Ph.D.	2	-	2	-
P.G.	8	-	8	-
U.G.	7	-	7	5
P.G. Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	17	-	17	5

1.2 (i) Flexibility of the Curriculum ~~CBCS~~/Core/Elective option/~~Open~~  
options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	17
Trimester	-
Annual	-

1.3 Feedback from stakeholders (*On all aspects*)

Alumni	1
Parents	2
Employers	7
Students	4

Mode of feedback : ~~Online~~ / Manual / ~~Co-operating~~  
schools (for PEI)

Analysis enclosed in **Annexure - II**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

No

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
204	137	40	27	--

#### 2.2 No. of permanent faculty with Ph.D.

52
----

#### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
22	--	2	2	3	--	--	--	27	0

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

-	26	-
---	----	---

#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level	Total
Attended Seminars/ Workshops	35	75	-	110
Presented papers	42	68	-	110
Resource Persons	5	12	-	17
Total	82	155	-	237

#### 2.6 Innovative processes adopted by the institution in Teaching and Learning

1. Curriculum and syllabus updation based on Outcome Based Education.

2. Presentation and Interactive sessions of students, Guest Lectures, Soft skill training programs.
3. Establishing the session plan for every subject well before the commencement of each semester along with the course hand outs which are made available to all students on the start of the academic year
4. Lecture notes and study materials [soft copy-power point/PDF presentation] are shared with students.
5. Teaching faculty and students are encouraged to use latest technology such as LCD, internet, etc., in the teaching learning process.
6. Creation of learning environment in classes which induces critical thinking, creativity and scientific temper.
7. Recognition to innovative and creative contributions of faculty and students.
8. Sharing the experiences of experts in the form of guest lecture and practical demonstrations.

2.7 Total No. of actual teaching days during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- i. Daily review test has been conducted in one subject
- ii. All Internal Assessment Tests have been conducted as per University Question Pattern.
- iii. Value-added courses during semester, Enhanced Industrial Visits, and Placement - Training Modules/Soft Skills.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

01

-

-

2.10 Average percentage of attendance of students

91.8%

## 2.11 Course/Programme wise distribution of pass percentage

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E ELECTRONICS AND COMMUNICATION ENGINEERING	120	1.7	64	7.5	-	73
B.E ELECTRICAL AND ELECTRONICS ENGINEERING	31	-	48	6	-	68
B.E COMPUTER SCIENCE AND ENGINEERING	91	-	56	5.4	-	62
B.E MECHANICAL ENGINEERING	193	0.5	52.3	16	-	69
B.E AERONAUTICAL ENGINEERING	58	-	44.8	10.3	-	55
BTECH INFORMATION TECHNOLOGY	51	-	60.7	11.76	-	72
B.E CIVIL ENGINEERING	68	1.5	51.4	17.6	-	70.5
M.E APPLIED ELECTRONICS	3	33.3	66.6	-	-	100
M.E COMMUNICATION SYSTEMS	4	50	50	-	-	100
M.E COMPUTER SCIENCE AND ENGINEERING	2	-	50	50	-	100
M.E. -POWER ELECTRONICS AND DRIVE	4	-	75	-	-	75
M.E CAD/ CAM	-	-	-	-	-	-
M.E AERONAUTICAL ENGINEERING	6	-	100	-	-	100
MASTER OF BUSSINESS ADMINISTRATION	33	-	87.9		-	88
MASTER OF COMPUTER APPLICATIONS	21	9.5	85.71	-	-	95

## 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes

1. Year plan helps to achieve the goals.

2. Attainment of course outcomes and mapping of course outcomes with program outcomes are evaluated by the Academic Audit Cell.
3. The IQAC regularly conducts meeting with students and obtains feedback on teacher quality and teaching methods which provides input and suggestions for improvement.
4. Evaluation of Teaching and learning process is also done through oral, written exams, presentations and projects of the students.

#### 2.13 Initiatives undertaken towards faculty development

<b>Faculty / Staff Development Programmes</b>	<b>Number of faculty benefitted</b>
Refresher courses	8
UGC – Faculty Improvement Programme	-
HRD programmes	6
Orientation programmes	10
Faculty exchange programme	-
Staff training conducted by the university	7
Staff training conducted by other institutions	16
Summer / Winter schools, Workshops, etc.	28
Others	-

#### 2.14 Details of Administrative and Technical staff

<b>Category</b>	<b>Number of Permanent Employees</b>	<b>Number of Vacant Positions</b>	<b>Number of permanent positions filled</b>	<b>Number of positions filled</b>
-----------------	--------------------------------------	-----------------------------------	---	-----------------------------------

			<b>during the Year</b>	<b>temporarily</b>
Administrative Staff	7	2	-	-
Technical Staff	86	6	14	-

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Faculty members are encouraged by providing incentives for research papers publications in Journals.
2. Motivates the faculty for applying major and minor projects and funding projects etc.
3. Financial Assistance to faculty for presenting technical papers in National/International Conferences / Seminars
4. IQAC promotes faculty members to registers Ph.D. Special leaves are sanctioned for course work, conferences and seminars.

#### 3.2 Details regarding major Projects

Nil

#### 3.3 Details regarding minor projects

Nil

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	14	6	7
Non-Peer Review Journals	9	8	8
e-Journals	9	2	5
Conference proceedings	15	8	15

#### 3.5 Details on Impact factor of publications:

Range

-

Average

√

-index

12

Nos. in SCOPUS

13

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2015-2020	TATA Honey Well Ltd.	180000	40000
	2015-2017	I Master Technologies	35000	25000
	2016-2017	Stigmata solution	45000	35000
	2015-2017	BASAVESHWAR Sugars Ltd	38000	30000
Interdisciplinary Projects	2016-2018	VI Micro systems	60000	20000
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects ( <i>other than compulsory by the University</i> )	2015-2017	IGCAR Kalpakkam	150000	120000
	2016-18	BSNL	45000	20000
Any other(Specify)	-	-	-	-
<b>Total</b>			<b>573000</b>	<b>145000</b>

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

N/A

3.9 For colleges Autonomy  UPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy -

Level	International	National	State	University	College
Number	-	-	-	-	7
Sponsoring agencies	-	-	-	-	6

3.11 No. of conferences Organized by the Institution 3

3.12 No. of faculty served as experts, chairpersons or resource persons 7

3.13 No. of collaborations      International -      National -      Any other 4

3.14 No. of linkages created during this year --

3.15 Total budget for research for current year in lakhs :

From Funding agency 8 Lakhs      From Management of University/College 5 Lakhs

Total 13 Lakhs

3.16 No. of patents received this year

One patent has been applied in the field of High Voltage Engineering.

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
--	--	--	--	--	--	12

3.18 No. of faculty from the Institution who are Ph. D. Guides 1  
and students registered under them 4

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Post Fellows  Other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

We have No NCC Units in our College.

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

N / A

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Through NSS

- Conducted Electrical safety awareness program in Vadakadambadi village.
- Conducted Cleanliness awareness program in Vadakadambadi village.

#### Through Clubs

- Blood donation camp by Leo club
- Medical Camp for free medical check up
- Water conservation week.
- Energy conservation meetings
- Dental Camp organized through Rotract & Leo club
- Plastic awareness program by Leo club
- Voter's awareness program by NSS.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	42362 Sq.m.	-	-	42362 Sq.m.
Class rooms	4351	-	Management	4351
Laboratories	7168	-	Management	7168
Seminar Halls	1342	-	-	1342
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	1	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	1.35	-	Management	-
Others	-	-	-	-

#### 4.2 Computerization of administration and library

1. Use of OPAC software in library.
2. Use of computers and data storage in all administration & library sections.
3. Use of ERP system for student attendance and assessment marks entry.
4. Use of Tally software for account maintenance.
5. Library materials & services are automated with commercial software called NIRMALS.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	3662	4021746	936	69000	37698	4090746
Reference Books	3102	1146394	113	20000	3217	1166394
e-Books	603	Free	150	40000	753	40000
Journals	396	674860	89	205400	485	880260
e-Journals	7740	342500	200	76000	7940	418500
Digital Database	2	74000	1	11500	3	85500
CD & Video	2829	282900	200	30000	3029	312900
Others (specify)	6	3500	-	-	-	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	675	15	70	1	2	1	10	-
Added	40	-	-	-	-	-	-	-
Total	715	15	70	1	2	1	10	-

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

1. The campus is Wi-Fi. 24x7 Internet in all Departments, Hostels and centralized computer laboratories.
2. The Computer with 50 Mbps internet access is available to all the faculty

4.6 Amount spent on maintenance in lakhs :

i) ICT	3 Lakhs
ii) Campus Infrastructure and facilities	18 Lakhs
iii) Equipments	12 Lakhs
iv) Others	2 Lakhs
<b>Total :</b>	35 Lakhs

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Extension of Library timing after working hours.

IQAC provides information regarding various scholarship available and directs, encourage students to avail them. Every year students of all the batches are reoriented to spread the awareness of student support services available.

Training & placement assistance through alumni.

Placement brochure at Training & Placement cell.

Gate coaching.

Common computer centre for surfing.

Provision of Hi-tech Gym.

Health centre facility.

Grievance and Redressal committee.

Arrangement of Industrial Visit to enhance practical knowledge.

## 5.2 Efforts made by the institution for tracking the progression

1. Feedbacks are obtained from the students, faculty, parents and alumni of the institution.
2. Students progressions are tracked regularly by discussing in the meeting with HOD's, Class Co-coordinators and the Faculty members.
3. Result Analysis: enables easy understanding of the performance level.
4. Student Representatives are invited to attend the Class Committee Meetings.
5. Highlighting achievements of students in College news letter.
6. Arranging parents meet and informing them the progress of the student.
5. A mentor is allocated for a batch of 20 students in each programme to monitor and counsel the students progress in academic as well as extra-curricular activities.

## 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2056	78	-	-

## (b) No. of students outside the state

79
----

(c) No. of international students

-

No	%
1441	70.08

Men

No	%
615	29.9

Women

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
195	313	3	1845	1	2353	126	425	41	1463	1	2056

Demand ratio 1:2

Dropout % 0.6

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. Online aptitude Test
2. Technical aptitude test
3. Technical Seminar
4. Group Discussion
5. Aptitude classes for placement
6. Conferences
7. Special Training Program on new Technology
8. Gate coaching classes
9. Career Development program

No. of students beneficiaries

368

#### 5.5 No. of students qualified in these examinations

NET

2

SET/SLET

-

GATE

8

CAT

2

IAS/IPS etc	<div style="border: 1px solid black; width: 40px; height: 20px; text-align: center; line-height: 20px;">-</div>	State PSC	<div style="border: 1px solid black; width: 40px; height: 20px; text-align: center; line-height: 20px;">-</div>	UPSC	<div style="border: 1px solid black; width: 40px; height: 20px; text-align: center; line-height: 20px;">-</div>	Others	<div style="border: 1px solid black; width: 40px; height: 20px; text-align: center; line-height: 20px;">58</div>
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## 5.6 Details of student counselling and career guidance

1. Student counselling is done by their respective counsellors of the departments.
2. Each and every student is allocated to counsellors who will take care of that particular student's academic personal wellbeing.
3. Student grievances are addressed by the grievance cell.
4. Student mentor system to counsel and guide the students interms of carrier development.
5. Technical orientation programme and Bridge Course for I year students
6. Aptitude Training Programme to enhance the problem solving skills of students.
7. Student Counseling on Ethics and Social Development.
8. Organizing yoga programmes to improve the self confidence of students.
9. Organizing National level Seminars and Conferences for students to do the Research  
and projects in the fields: Natural Language Processing, Image Processing,  
Networking, Data Mining, Network Security and Cloud Computing technologies.

No. of students benefitted

485

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
54	480	448	30

## 5.8 Details of gender sensitization programmes

The college has a separate women's cell which regularly conducts various programs for the wellbeing of the women students. An Awareness program on women personal Hygiene organized by women's cell on 16.05.17.

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level   
 Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	110	1357200
Financial support from government	2198	43960000
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

## 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

For maintaining pollution free campus, bio-gas recourses are used.

# Criterion – VI

## 6. Governance, Leadership and Management

### 6.1 State the Vision and Mission of the institution

#### **VISION**

A world class nodal centre committed to advanced learning, research and training to serve the nation, meeting the national/international standards

#### **MISSION**

To be a premier Engineering college, much sought after by the industries and societies by offering professional education and training blended with moral and ethical values as to convert student resources in to strong assets of our nation.

### 6.2 Does the Institution has a management Information System

#### **The Institution has established e-Governance**

1. Fee payment through online Internet Banking and Wire Transfer.
2. The students can view their attendance status online.
3. Notifications of academic activities are informed to students/parents.

#### **Administrative Procedures**

1. Major Academic/Administrative decisions are being addressed by the College Council
2. Departmental performances are monitored through Departmental Academic Committee (DAC)
3. Use of Tally for Accounting Purposes.
4. Regular meetings of the Principal with the Administrative heads.
5. Periodical meetings of various committees and decision making therein.
6. All records / documents /minutes are maintained as per guidelines.
7. Maintaining records in e-form is under consideration.

### **Administrative Reforms**

The Management has prescribed clear-cut norms for staff members which is provide in the form of a booklet and also uploaded on the college website Evaluation and Examination Procedures

1. The Institution follows the guidelines prescribed by the Affiliated University from time to time. The statutory bodies like Academic Council, Board of Studies (Department/Cluster), Board of Examiners (BOE), Finance Committee (FC), Controller of Examination (COE) and Deans are in place.
2. The College publishes Academic Calendar for each session;
3. The evaluation of the student is based on CIE [Continuous Internal Evaluation] and SEE [Semester End Examination];
4. The office of the Controller of Examinations facilitates the conduction of CIE and SEE in accordance with Affiliating university guidelines .

### 6.3 Quality improvement strategies adopted by the institution for each of the following:

#### 6.3.1 Curriculum Development

1. Feedback on Curriculum from academic peers
2. Inputs from faculty, students, alumni and industry representatives obtained through organized meetings fed into the Board of Studies.
3. A meeting of alumnus, industrial experts and entrepreneurs is convened for each program to modify the curriculum and syllabi for the present need of the industries.
4. Based on the suggestions of the experts, the curriculum and syllabus have been revised and passed in the board of studies meeting and academic council meeting.
5. Syllabus is framed by the Affiliating University.
6. At least one course in ICT is a part of core courses in each department. Value based courses have been introduced aimed at holistic development of the students.

### 6.3.2 Teaching and Learning

1. Implementation of outcome based education.
2. Defining course outcomes to meet out program outcomes.
3. Identifying content delivery method.
4. Assessing the students using various evaluation techniques for the attainment of course outcomes.
5. ICT method of teaching is followed
6. Academic research
7. Guest lecturers
8. Case studies seminars
9. Intensive courses
10. Discussion with groups
11. Field trips and lab lectures
12. Mentoring
13. Tutorial teaching

### 6.3.3 Examination and Evaluation

1. Evaluation of marks comprises of Internal marks from continuous assessment test and external marks scored in End Semester Examination.
2. Continuous Assessment Tests are carried out by the office of the Controller of Examinations.
3. Both the marks in the continuous assessment and End Semester Examinations are considered while declaring the results.
4. Mentor system is introduced to evaluate the progress of the students throughout the programme.

### 6.3.4 Research and Development

1. Every program has separate research centre approved by Anna University.
2. Research committee has been constituted for inculcating research atmosphere and to review the progress of research activities in the campus.
3. Incentives for research publications and research projects are provided.
4. A significant percentage of the total budget is earmarked for research.
5. The College has been continuously augmenting infrastructure for facilitating research in the campus.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

1. OPAC Software is provided for personal assistance to each and every user while accessing the library books
2. Library staff also guides the users in subsequent uses.
3. Every department has individual smart class room.
4. Every department has individual LCD projector system with internet connection.
5. Wi-Fi enabled campus.
6. Internet Bandwidth.
7. Upgrading gym facilities.

### 6.3.6 Human Resource Management

1. In the institution, the process of assessing adequate human power requirements, staff recruiting, monitoring and planning professional development programmes for personnel development and seeking appropriate feedback responses are very good.
2. Recruitment of faculty and staff are based on the guidelines provided by Anna University and AICTE, New Delhi.
3. There are many staff welfare schemes namely EPF, Group insurance and Accidental policy
4. ERP Biometric system is introduced for all the administrative modules of the institution.
5. Sponsorship of Higher Studies for Faculties
6. Organizing Developmental training programme and workshops/seminars for enhancing the multi-skills of faculties.
7. Incentives are given to the Faculties for their contribution in research.
8. Effective appraisal system has been followed to assess the performance of faculties.

### 6.3.7 Faculty and Staff recruitment

1. Releasing the advertisement in the Leading daily newspapers.
2. Scrutinizing of Application as per the college norms.
3. Conducting Interview in the presence of External Experts and University Nominees.
4. Selection of Candidates as per the norms of staff selection committee.

### 6.3.8 Industry Interaction / Collaboration

MoU's have been signed with the following concerns for to enhance the campus recruitment and project training for the student

6.3.9 Admission of Students

The students are admitted according to the Anna University/  
TamilNadu Government / AICTE Norms.

6.4 Welfare schemes for

Teaching	Transport facilities Medical and Maternity Leave EPF
Non teaching	Transport facilities, Medical and Maternity Leave, EPF
<b>Students</b>	NSS, ISTE chapter, IEEE, YRC, Rotaract.

6.5 Total corpus fund generated

NIL

6.6 Whether annual financial audit has been done Yes

☒

No

☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	SSN ENGINEERING COLLEGE	Yes	PRINCIPAL
Administrative	Yes	DHANALAKSH MI SRINIVASAN CHARITABLE TRUST	Yes	CAO

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes      Y ☐      N ☒

For PG Programmes      Yes ☐      No ☒

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. Course co-ordinators are requested to set questions as per Blooms Taxonomy for internal evaluation.
2. Continuous Internal Assessment Test are conducted in a Centralized Manner as per the Affiliating University Norms.
3. Results of the end semester examinations are published by the Affiliating University.
4. Challenge Valuation can also be encouraged by the Affiliating University.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

University published Some Rules and Regulations for providing autonomy.

**GUIDELINES FOR AWARD OF FULL AUTONOMOUS STATUS**

The college should be offering at least four branches of B.E. / B.Tech. / B.Arch. degree programmes for a minimum period of 10 years and at least two branches of M.E. / M.Tech. degree courses as on date.

The college should be currently affiliated to Anna University and should have obtained permanent affiliation for atleast three B.E / B.Tech./ B.Arch. degree programmes.

Minimum of three B.E / B.Tech./ B.Arch degree programmes should have been accredited by the NBA (National Board of Accreditation) or should have NAAC accreditation with not less than B-Grade or equivalent. The institutions in the process of renewal of NBA accreditation or NAAC accreditation with B-Grade or equivalent are also eligible.

At least two Engineering departments should have been recognized as research centres of the University as on date.

Average experience of the eligible faculty should be atleast 4 years for all the courses put together which are offered for the last 10 years or more including the faculty belonging to General Engineering, Science and Humanities.

Students enrollment in the first year should be at least 75% of the sanctioned intake on an average during the last three years.

The overall pass percentage of the students in the University examinations shall be not less than 70% on an average over the last three years.

#### 6.11 Activities and support from the Alumni Association

Alumni meet is scheduled every year in the month of March. Senior Alumni having companies conduct campus interviews and recruit the Students. The Alumni working in MNCs will make arrangements to interact our college with HR for our student recruitment. They also involve in activities like conducting training programmes, seminars and workshops. The Alumni have also contributed scholarships for the poor students. Alumni have donated laptops for the benefit of hostel inmates.

#### 6.12 Activities and support from the Parent – Teacher Association

PTA meeting is conducted twice in a year. Suggestions are received from the parents for the improvement of the institution. Also the difficulties faced by the students are got and they are rectified before the next PTA meeting. According to the parents' suggestion in last year PTA meeting, this year, the students are given training programmes to improve their communication.

#### 6.13 Development programmes for support staff

The Institution regularly organizes training programmes for non-teaching staff members. The non-teaching staff is also deputed to various training programmes [both in-house and external]. Supporting Staffs are encouraged to higher studies. So many faculty members are recruited through interview and appointed as a teaching faculty.

For e.g: Communication class, Computer Literacy programme

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

- i. The College has a green campus and peace ambience with sylvan surroundings.
- ii. The College has a Bio Gas Plant which helps in producing electricity.
- iii. Campus is completely pollution free.
- iv. Every Year new saplings are added to greenish the campus.
- v. Rain Water Harvesting.

## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Introduced Outcome Based Education
2. Faculties are insisted to identify the best content delivery methods to attain Programme outcomes thro' course outcomes
3. Faculties are requested to identify the best assessment tools to evaluate the performance of students in attaining Course outcomes
4. The following Career development programmes are organized to enhance student skills Company Specific Training Programme for TCS, WIPRO, Etc...
5. Soft skill training programme
6. Conducting value added courses
7. To create Environmental awareness among the students the syllabi of Environmental science subject has been modified related to programme
8. Comprehensive laboratory has been introduced to improve the communication skills of the rural based students
9. Staff and students are encouraged to prepare E-Assignments and E-Notes.
10. Coaching classes are conducted for students for various competitive examinations.

- 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

POINT	ACTION TAKEN
Publication in Journals are to be improved	a) Advising faculties to register for Ph.D b) Incentives for publications c) Providing financial support and special leaves for attending workshops/Conferences and Training programmes 5 faculty members have registered to pursue their Ph.D.
Academic Review activity	Governing council meeting of Presidency College is held on a regular basis to review academic performance
Alumni Meet	Organized the Alumni Meet for all UG & PG alumnis
Workshop/Seminars conducted	NET/SET Preparation workshops organized, Short term courses Launched, National Conference Organised
Administration	The Trust has taken up the periodical (once in three months) monitoring of extent of compliance of Strategic plan in all aspects including financial management.

- 7.3 Give two Best Practices of the institution

<ul style="list-style-type: none"> <li>i. Implementation of Outcome Based Education for International recognition of students and job opportunities</li> <li>ii. Counseling of faculty based on student's feedback.</li> <li>iii. Conducting value add programmes</li> </ul>
--

Details enclosed in **Annexure - III**

- 7.4 Contribution to environmental awareness / protection

<ul style="list-style-type: none"> <li>i. Institution has Pollution free Campus</li> <li>ii. Made green campus by planting more than 20 saplings every year</li> </ul>
--

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**Strength**

- i. Dedicated and Committed Management.
- ii. Qualified, committed and experienced faculty
- iii. Provision of Good Placement services
- iv. Word of mouth publicity through successful Alumni
- v. Enhanced reputation among academicians with regular Faculty enrichment
- vi. programmes through seminars/conferences/workshops / refresher
- vii. courses/orientations
- viii. Regularly conducting student centric activities through various academic clubs and cultural fests
- ix. Established various fields for sports and games
- x. The institution has a good reputation in the community

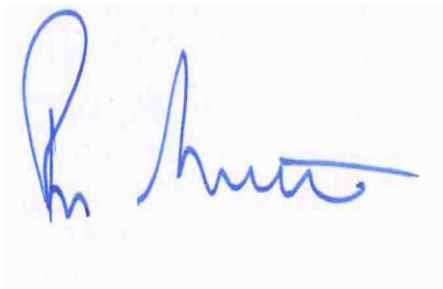
**Weakness**

- i. The Institution is located in rural area
- ii. Funds constraints being a Self financed institution
- iii. Limited Consultancy
- iv. Limited International linkages and student/staff exchange programmes

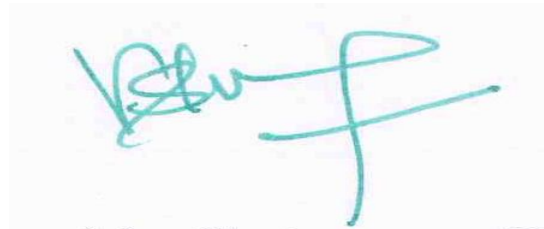
**6. Plans of institution for next year**

- Achieve high standards in Research and Development.
- Continue the process of strengthening the campus facility.
- Improve college result.
- Conduct more Campus recruitment program.
- Improve Faculty development.
- Apply Research funded projects.

*Name* Prof.Pon.ARIVANANTHAM  
CSE department



*Name* Dr. V.SEKAR  
*PRINCIPAL*



*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

## **Annexure I**

### **Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI-		Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

\*\*\*\*\*

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY, MAMALLAURAM, CHENNAI - 603 104**

**ACADEMIC CALENDAR FOR 2016 - 17 (EVEN SEMESTER)**

WITH EFFECT FROM 26.12.2016

Dec-16				Jan-17				Feb-17			
Date	Day	W-Day	Particulars	Date	Day	W-Day	Particulars	Date	Day	W-Day	Particulars
1	THU			1	SUN	-	Holiday	1	WED	30	
2	FRI			2	MON	7		2	THU	31	
3	SAT			3	TUE	8		3	FRI	32	
4	SUN			4	WED	9		4	SAT	33	
5	MON			5	THU	10		5	SUN	-	Holiday
6	TUE			6	FRI	11		6	MON	34	
7	WED			7	SAT	12		7	TUE	35	
8	THU			8	SUN	-	Holiday	8	WED	36	
9	FRI			9	MON	13		9	THU	37	
10	SAT			10	TUE	14		10	FRI	38	
11	SUN			11	WED	15		11	SAT	39	
12	MON			12	THU	16		12	SUN	-	Holiday
13	TUE			13	FRI	17		13	MON	40	
14	WED			14	SAT	-	Pongal	14	TUE	41	
15	THU			15	SUN	-	Thiruvalluvar Day	15	WED	42	
16	FRI			16	MON	-	Uthavar Thirunal	16	THU	43	
17	SAT			17	TUE	18		17	FRI	44	
18	SUN			18	WED	19		18	SAT	45	
19	MON			19	THU	20		19	SUN	-	Holiday
20	TUE			20	FRI	21		20	MON	46	
21	WED			21	SAT	22		21	TUE	47	
22	THU			22	SUN	-	Holiday	22	WED	48	
23	FRI			23	MON	23		23	THU	49	
24	SAT			24	TUE	24		24	FRI	50	
25	SUN			25	WED	25		25	SAT	51	
26	MON	1	College Reopens for UG(III, V, VII Sem)	26	THU	-	Republic Day	26	SUN	-	Holiday
27	TUE	2		27	FRI	26		27	MON	52	
28	WED	3		28	SAT	27		28	TUE	53	
29	THU	4		29	SUN	-	Holiday				
30	FRI	5		30	MON	28					
31	SAT	6		31	TUE	29					

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY, MAMALLAURAM, CHENNAI - 603 104**

**ACADEMIC CALENDAR FOR 2016 - 17 (EVEN SEMESTER)**

WITH EFFECT FROM 26.12.2016

Mar-17				Apr-17				May-17				Jun-17			
Date	Day	W-Day	Particulars	Date	Day	W-Day	Particulars	Date	Day	W-Day	Particulars	Date	Day	W-Day	Particulars
1	WED	54		1	SAT	80		1	MON	-	May Day	1	THU	-	
2	THU	55		2	SUN	-	Holiday	2	TUE	104		2	FRI	-	
3	FRI	56		3	MON	81		3	WED	105		3	SAT	-	
4	SAT	57		4	TUE	82		4	THU	106		4	SUN	-	Holiday
5	SUN	-	Holiday	5	WED	83		5	FRI	107	Last Working Day for All M.E. / M.B.A. / M.C.A.	5	MON	-	
6	MON	58		6	THU	84		6	SAT	-		6	TUE	-	
7	TUE	59		7	FRI	85		7	SUN	-	Holiday	7	WED	-	
8	WED	60		8	SAT	86		8	MON	-		8	THU	-	
9	THU	61		9	SUN	-	Mahaveer Jayanthi - Holiday	9	TUE	-		9	FRI	-	
10	FRI	62		10	MON	87		10	WED	-	Univ. Exam for PG	10	SAT	-	
11	SAT	63		11	TUE	88		11	THU	-		11	SUN	-	Holiday
12	SUN	-	Holiday	12	WED	89		12	FRI	-		12	MON	-	
13	MON	64		13	THU	90	Last Working Day for VIII Sem	13	SAT	-		13	TUE	-	
14	TUE	65		14	FRI		Tamil New Year	14	SUN	-	Holiday	14	WED	-	
15	WED	66		15	SAT	91		15	MON	-		15	THU	-	
16	THU	67		16	SUN	-	Holiday	16	TUE	-		16	FRI	-	
17	FRI	68		17	MON	92	Univ. Exam for VIII	17	WED	-		17	SAT	-	
18	SAT	69		18	TUE	93		18	THU	-		18	SUN	-	Holiday
19	SUN	-	Holiday	19	WED	94		19	FRI	-		19	MON	-	
20	MON	70		20	THU	95		20	SAT	-		20	TUE	-	
21	TUE	71		21	FRI	96		21	SUN	-	Holiday	21	WED	-	
22	WED	72		22	SAT	97		22	MON	-		22	THU	-	
23	THU	73		23	SUN	-	Holiday	23	TUE	-		23	FRI	-	
24	FRI	74		24	MON	98	Last Working Day for VI, IV, II Sem	24	WED	-		24	SAT	-	
25	SAT	75		25	TUE	99		25	THU	-		25	SUN	-	Holiday
26	SUN	-	Holiday	26	WED	100		26	FRI	-		26	MON	-	
27	MON	76		27	THU	101	Univ. Exam for VI, IV, II	27	SAT	-		27	TUE	-	
28	TUE	77		28	FRI	102		28	SUN	-	Holiday	28	WED	-	
29	WED	-	Telugu New Year	29	SAT	103		29	MON	-		29	THU	-	
30	THU	78		30	SUN	-	Holiday	30	TUE	-		30	FRI	-	
31	FRI	79						31	WED						



# DHANALAKSHMI SRINIVASAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
SUMMARY OF VALUE ADDED COURSE  
ACADEMIC YEAR 2016-2017

From,

The co-ordinator,  
Department of ECE,  
Dhanalakshmi Srinivasan College of Engineering and Technology  
Mamallapuram, Chennai – 603104

To

The principal,  
Dhanalakshmi Srinivasan College of Engineering and Technology  
Mamallapuram, Chennai – 603104

Respected sir,

**Sub: Request for Conducting Value Added Course.**

We have planned to conduct the value added course, Embedded Systems for the final year ece students and linux fedora 24 for pre final years with this, we enclosed the name list of the students willing to join the value added course. the classes will be starting from 02.02.2017 & 06.03.2017.

  
The Co-ordinator of ECE

  
HOD  
DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING  
Dhanalakshmi Srinivasan  
College of Engineering & Technology  
ECR, Mamallapuram, Chennai - 603 104

  
PRINCIPAL  
PRINCIPAL,  
Dhanalakshmi Srinivasan  
College of Engineering & Technology  
ECR, Mamallapuram, Chennai - 603 104.



# DHANALAKSHMI SRINIVASAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SUMMARY OF VALUE ADDED COURSE

ACADEMIC YEAR 2016-2017

Sl.No.	Course Name	Date	Year	Participating institution / industry
1	EMBEDDED SYSTEM FOR LINUX	02.02.2017	IV YEAR	Stigmata Solution
2	FEDORA 24	06.03.2017	III YEAR	

*Handwritten signature*

*Handwritten signature*  
DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING  
Dhanalakshmi Srinivasan  
College of Engineering & Technology  
ECR, Marthalapuram, Chennai - 603 104.

Stigmata Techno Solutions  
No.31, ground floor,  
Vembuli Anonam Koil Street

---

Date: 27/1/2017

**To**

The Principal,  
Dhanalakshmi Srinivasan College of Engineering and Technology,  
ECR, Mamallapuram-603 104.

SUB: Regarding Confirmation for Value Added Course.

Sir,

I am very much pleased to accept your proposal to conduct a value added course in your institute. Value added course on embedded system linux for final year and linux fedora 24 for third year. Here by I state you that the course duration will be up to not less than 60 hours. I hope that you will provide support for us.

Thanking You!

Yours faithfully,



Project manager  
(R&D Section)



# DHANALAKSHMI SRINIVASAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
SUMMARY OF VALUE ADDED COURSE  
ACADEMIC YEAR 2016-2017

## EMBEDDED FOR LINUX BASED SYSTEM (FINAL YEAR)

### CLASS SCHEDULE

BEGINNING DAY:02.02.2017

TOTAL DURATION:50H

S.NO	DAY	TOPIC	HOURS	RESOURCE PERSON
1	DAY 1	OVERVIEW OF LINUX	5	Mr.Kabisudhakar
2	DAY 2	REDHAT FEDORA 24	5	Mr.S.David
3	DAY 3	SIMPLE PROGRAM FOR ARM CORTEX Mo BASED ON STM32PO	8	Mrs.Kamalaveni
4	DAY 4	SERIAL COMMUNICATION CONCEPTS IN ARM PROCESSOR	5	Mr.R.Ragavan
5	DAY 5	INSTALATION ARM CORTEX Mo BASED ON STM32PO	8	Mr.S.Gopi
6	DAY 6	I2C BUS INTERFACE	5	Mrs.M.Selvi
7	DAY 7	USB INTERFACE	5	Mrs.M.Selvi
8	DAY 8	SRAM MEMORY INTERFACE	5	Mr.R.Ragavan
9	DAY 9	TOUCH PANE INTERFACE	4	Mr.R.Ragavan

HEAD  
DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING  
Dhanalakshmi Srinivasan  
College of Engineering & Technology  
ECR, Marthalapuram, Chennai - 603 104



# DHANALAKSHMI SRINIVASAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SUMMARY OF VALUE ADDED COURSE

ACADEMIC YEAR 2016-2017

## LINUX fedora 24(III YEAR)

### CLASS SCHEDULE

BEGINNING DAY: 06.03.2017

TOTAL DURATION:50H

S.NO	DAY	TOPIC	HOURS	RESOURCE PERSON
1	DAY 1	OVERVIEW OF LINUX	5	Mr.Kabisudhakar
2	DAY 2	The Data Files for 0 AD ( master f26 f25 epel7 )	5	Mr.S.David
3	DAY 3	A decentralized cross-distribution software installation system	5	Mr.Kabisudhakar
4	DAY 4	The Open Free Fiasco Firmware Flasher	5	Mr.R.Ragavan
5	DAY 5	Utility library for 389 administration	5	Mr.Kabisudhakar
6	DAY 6	Intel video BIOS hack to support certain resolutions	5	Mr.R.Ragavan
7	DAY 7	Emulation of the Plan 9 window manager 8 1/2 ( master f26 f25)	5	Mrs.M.Selvi
8	DAY 8	Ultra-high performance non-blocking XML processor	5	Mr.R.Ragavan
9	DAY 9	Session management in a clean and simple way	5	Mr.R.Ragavan
10	DAY 10	Tool to visualize ABI changes timeline of a C/C++ library	5	Mr.D.Srilakha

HEAD  
DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING  
Dhanalakshmi Srinivasan  
College of Engineering & Technology  
ECR, Mamallapuram, Chennai - 603 104.

## LINUX BASED SYSTEM FEDORA 24(III year)

### OVERVIEW OF LINUX

- Tool to visualize ABI changes timeline of a C/C++ library -- Small test program for liba52 ( master f26 f25 epel7 el6 )
- Modern style true type font ( master f26 f25 epel7 el6 )
- ASCII art library ( master f26 f25 epel7 el6 )
- Ultra-high performance non-blocking XML processor (Stax/Stax2, SAX/SAX2) (master f26 )
- A screensaver for KDE which presents an ASCII aquarium
- The simple KDE calculator
- Cantarell, a Humanist sans-serif font family ( master f26 f25 el6 )
- Platform game set in 13th century ( master f26 f25 )
- Front-end for cclive and clive
- Sequential logic synthesis and formal verification ( master f26 f25 epel7 )
- A Better CD Encoder ( master f26 f25 epel7 el6 )
- A program to typeset ABC tunes into Postscript ( master f26 f25 )
- ABC to/from MIDI conversion utilities
- Session management in a clean and simple way ( master f26 f25 epel7 el6 )
- Scrolling, platform-jumping, ancient pyramid exploring game ( master f26 f25 )
- ABGraph is a simple tool to benchmark web servers ( master f26 f25 el6 )
- ABI checking tool
- An ABI Compliance Checker ( master f26 f25 epel7 el6 )
- Tool to dump ABI of an ELF object containing DWARF debug info ( master f26 f25 epel7 el6 )
- Tool to visualize ABI changes timeline of a C/C++ library ( master f26 f25 epel7 )
- Word processing program ( master f26 f25 epel7 el6 )
- Text-based addressbook program for mutt ( master f26 f25 epel7 el6 )
- A bootloader which can be started from the SRM console ( master f26 f25 )

g. [Signature]

HEAD  
DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING  
Chandrasekhar Srinivasan  
College of Engineering & Technology  
ECR, Mamallapuram, Chennai - 603 104.

## EMBEDDED FOR LINUX BASED SYSTEM

### OVERVIEW OF LINUX

Introduction to different linux based technology –what is linux how linux works-use of linux fedora different program language using linux redhat fedora.

### FRAME WORK

Redhat fatora 24 simple program -I for ARM cortex Mo based on SIM32P0-framework for setting up and installing ARM cortex -installing the hardware system for ARM cortex in fedora.

### INTERFACE USING ARM CORTEX

I2C bus interface-USB interface EEPROM SRAM-DRAM-Memory interface-serial parallel interface-touch panel interface flash memory-SD card-Alarm control-traffic light-digital camera



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REG.NO	NAME OF THE STUDENT	ATTENDANCE									
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
310515106001	AARTHI A	/	/	/	/	/	/	/	/	/	/
310515106002	ABHISHEK ANAND	/	/	/	/	/	/	/	/	/	/
310515106003	ABINAYA A	/	/	/	/	/	/	/	/	/	/
310515106004	ABINAYA S	/	/	/	/	/	/	/	/	/	/
310515106005	ABIRAMI K	/	a	/	/	/	/	/	/	/	/
310515106006	AJITH KUMAR M	/	/	/	/	/	/	/	/	/	/
310515106007	AMUTHA R	/	/	/	/	/	/	/	/	/	/
310515106008	ANGEL V	/	/	/	/	/	/	/	/	/	/
310515106009	ARUN RAJA M	/	/	/	/	/	/	/	/	/	/
310515106010	ATCHAYA S	/	/	/	/	/	/	/	/	/	/
310515106011	BAKIALAKSHMI K	/	/	/	/	/	/	/	/	/	/
310515106012	BALAJI P	/	/	/	/	/	/	/	/	/	/
310515106013	BHUVANESHWARI M	/	/	/	a	/	/	/	/	/	/
310515106014	CHANDRALEKHA R	/	/	/	/	/	/	/	/	/	/
310515106015	DEVANATHAN V	/	/	/	/	/	/	/	/	/	/
310515106016	EZHILARASAN B	a	/	/	/	/	/	/	/	a	/
310515106017	FATHIMA H	/	/	/	/	/	/	/	/	/	/
310515106018	FERIN C FRANCIS	/	/	/	/	/	/	/	/	/	/
310515106019	GOMATHI M	/	/	/	/	/	/	/	/	/	/
310515106020	GOUTHAM M	/	/	/	/	/	/	/	/	/	/
310515106021	GURUMOORTHY S	/	/	/	/	/	/	/	/	/	/
310515106022	HARI KRISHNAN S	/	/	/	/	/	/	/	/	/	/
310515106023	HEMA K S	/	/	/	/	/	/	/	/	/	/
310515106024	HEMNATH S	/	/	/	/	/	/	/	/	/	/
310515106025	INDERJEETH M	/	/	/	/	/	/	/	/	/	/
310515106026	INDHU K	/	/	/	/	/	/	/	/	/	/
310515106027	ISHWARYA S	/	/	/	/	/	/	/	/	/	/
310515106028	JAYACHANDRA C	/	/	/	/	/	/	/	/	/	/
310515106029	JAYAPRAKASH M	/	/	/	/	/	/	/	/	/	/
310515106030	JAYASHREE PRABU	/	/	/	/	/	/	a	/	/	/
310515106031	JEEVITHA G	/	/	/	/	/	/	/	/	/	/
310515106032	JOHARA H	/	/	/	/	/	/	/	/	/	/
310515106033	KAVITHA MARY A	a	/	/	/	/	/	/	/	/	/
310515106034	KISHMU R	/	/	/	/	/	/	/	/	/	/
310515106035	LAVANYA R (11-01-1998)	/	/	/	/	/	/	/	/	/	/
310515106036	LAVANYA R (25-05-1998)	/	/	/	/	/	/	/	/	/	/
310515106037	LOKESH BABU G	/	/	/	/	/	/	/	/	/	/
310515106038	MADHUMITHA K	/	/	/	/	/	/	/	/	/	/

g. [Signature]

310515106041	MIRUDHULA P	/	/	/	/	/	/	/	/	/	/
310515106042	NIVEDHA N	/	/	/	/	/	/	/	/	/	a
310515106043	PARKAVI ARASI P	/	/	/	/	/	/	/	/	/	/
310515106044	PON SHIVA J	/	/	/	/	/	/	/	/	/	/
310515106045	PREETHI R	/	/	/	/	/	/	/	/	/	/
310515106046	PRIYADARSHINI A	/	a	/	/	/	/	a	/	/	/
310515106047	PUNITHA VALLI K	/	/	/	/	/	/	/	/	/	a
310515106048	RAGHAVI M	/	/	/	/	/	/	/	/	/	/
310515106049	RAGUVARAN N	/	/	/	/	/	/	/	/	/	/
310515106050	RAJ KUMAR U	/	/	/	/	/	/	/	/	/	/
310515106051	RANJITHKUMAR J	/	/	/	a	/	/	/	/	/	/
310515106052	RATHIYA MARY V	/	/	/	/	/	/	/	/	/	/
310515106053	REHMATH K H	/	/	/	/	/	/	/	/	/	/
310515106054	ROHITH KUMAR R R	/	/	/	/	/	/	/	/	/	/
310515106055	RUBESH KUMAR K	/	/	/	/	/	a	/	/	/	/
310515106056	SACHITHANANTHAM P	/	/	/	/	/	/	/	/	/	/
310515106057	SAVITHIRI K	/	/	/	/	/	/	/	/	/	/
310515106058	SELVAKUMAR K	/	/	/	/	/	/	/	/	/	/
310515106059	SHAHANA K	/	/	/	/	/	/	/	/	/	/
310515106060	SHARUMATHI M SG	/	/	/	/	/	/	/	/	/	/
310515106061	SIMRAN E	/	/	a	/	/	/	/	a	/	/
310515106062	SINDHU S	/	/	/	/	/	/	/	/	/	/
310515106063	SOMAS KANDAN W	/	/	/	/	/	/	/	/	/	/
310515106064	SUBASHINI R	/	/	/	/	/	/	/	/	/	/
310515106065	SUBHA C	/	/	/	/	/	/	/	/	/	/
310515106066	SUGANTHI M	a	/	/	/	/	/	/	/	/	/
310515106067	SURYA V	/	/	/	/	/	/	/	/	/	/
310515106068	SWETHA S	/	/	/	/	/	/	/	/	/	/
310515106070	VEERALAKSHMI S	/	/	/	/	/	/	a	/	/	/
310515106071	VENNILA J	/	/	/	/	/	/	/	/	/	/
310515106072	VIGNESH M	/	/	/	/	/	/	/	/	/	/
310515106073	VIJAY M	/	/	/	/	/	/	/	/	/	/
310515106074	VINITHA B	/	/	/	a	/	/	/	/	/	/
310515106075	VINOTHINI D S	/	/	/	/	/	/	/	/	/	/
310515106076	YUVALAKSHMI P	/	/	/	/	/	/	/	/	/	a
310515106301	BANUPRIYA M	/	/	/	/	/	/	/	/	/	/
310515106302	PANDIYAN R	/	/	/	/	/	/	/	/	/	/
310515106303	SUGANYA S	/	/	/	a	/	/	/	/	/	a

[illegible]



310514106057	SANGEETHA V	/	/	/	/	/	/	/	/	/
310514106058	SARANYA M	/	/	a	/	/	/	/	/	/
310514106059	SARANYA DEVI V	/	/	/	/	/	/	/	/	/
310514106060	SATHISH RAJ D	/	/	/	/	/	/	a	/	/
310514106061	SATHVIGA J	/	/	/	/	/	/	/	/	/
310514106062	SENTHAMIZH R	a	/	/	/	/	/	/	/	/
310514106063	SHALINI E	/	/	/	/	/	/	/	/	/
310514106065	SHEEBA D	/	/	a	/	/	/	/	/	/
310514106066	SUBBU LAKSHMI P	/	/	/	/	/	/	/	/	/
310514106067	SUBHASHREE P	/	/	/	/	/	/	/	/	/
310514106068	SURYA NARAYANAN P	/	/	/	/	/	/	/	/	/
310514106069	SURYA PRAKASH K	/	/	/	/	/	/	/	/	/
310514106070	SWATHI J	/	/	/	/	/	/	/	/	/
310514106071	THENDRALARASI K	/	/	/	/	a	/	/	/	/
310514106072	THULASIDASS I	/	/	/	/	/	/	/	/	/
310514106073	VAISHALI J	/	/	/	/	/	/	/	/	/
310514106074	VALANTEENA D	a	/	/	/	/	/	/	/	/
310514106076	VETRI SELVI K	/	/	/	/	/	/	/	/	/
310514106077	YADHUKRISHNAN K R	/	/	/	/	/	/	/	/	/
310514106078	YUVAMALINI M	/	/	/	/	/	a	/	/	a
310514106301	NARESH KUMAR V	/	/	/	/	/	/	/	/	/
310514106302	NAVEETHA K	/	/	a	/	/	/	/	a	/
310514106701	RAHUL NAMBI.E.V	/	/	/	/	/	/	/	/	/

  
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## ACADEMIC YEAR 2016- 2017(ODD SEM)

## II EEE

## III EEE

Sub. Code	MA6351	EE6301	EE6302	EE6303	EC6202	GE6351	EE6501	EE6502	EE6503	EE6504	ME6701	IC6501
1	49	73	68	66	68	57	73	61	62	66	61	67
2	68	70	64	65	67	64	73	61	62	66	61	67
3	67	72	71	71	68	75	67	68	68	67	65	67
4	62	70	64	78	71	68	66	67	65	65	66	67
5	63	64	67	74	61	42	68	69	65	65	67	68
6	58	62	63	64	66	65	66	67	65	68	68	65
7	59	63	66	62	64	66	66	67	62	65	64	71
8	60	63	60	63	61	64	65	67	68	66	65	66
9	67	65	62	62	64	66	68	76	70	70	61	71
10	62	67	68	66	69	70	68	71	68	70	69	68
Total	615	669	653	671	659	637	680	674	655	668	647	677
Average	61.5	66.9	65.3	67.1	65.9	63.7	68	67.4	65.5	66.8	64.7	67.7
Percentage	82.00	89.20	87.07	89.47	87.87	84.93	90.67	89.87	87.33	89.07	86.27	90.27

## IV EEE

EE6701	EE6702	EE6703	MG6851	EE6005	EE6007
63	65	61	71	68	64
58	62	66	72	67	66
54	61	60	62	46	54
65	64	65	65	67	67
69	68	65	65	67	65
67	64	63	62	63	64
61	62	64	64	65	66
63	62	65	63	64	65
63	64	62	65	66	65
65	55	60	65	60	66
628	627	631	654	633	642
62.8	62.7	63.1	65.4	63.3	64.2
83.73	83.60	84.13	87.20	84.40	85.60

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY,  
ECR, MAMALLAPURAM, CHENNAI - 603 104.**

**SURVEY SHEET ON FACULTY → II - EEE (2016-17)**

Dear Student,

Here are some questions for which we expect your unbiased impartial open-minded answer. This is to know your individual opinion on the effectiveness of the classes handled by your teacher and also his / her readiness to help you in developing your career and personality.

Sl. No	Questions	MA6351	EE6301	EE6302	EE6303	EE6304	EE6305	EE6306
1	Does the teacher come prepared on lessons?	2	5	5	5	5	5	5
2	Does the teacher present the lessons clearly and orderly?	2	5	5	5	5	5	5
3	Does the teacher speak with the voice clarity and effective body language?	3	5	4	4	4	4	4
4	Is the teacher is capable of keeping the class under discipline and control?	3	5	4	4	4	4	4
5	Does the teacher command students' attention & give response to students' doubts & questions?	3	5	5	5	5	5	5
6	Does the teacher possess depth of knowledge in subject?	3	5	5	5	5	5	5
7	Is the teacher available outside class hours to clarify doubts if requested to by students?	3	5	4	4	4	4	4
8	Does the teacher use the black board effectively?	4	5	5	5	5	5	5
9	Is the teacher regular and punctual?	3	5	5	5	5	5	5
10	Does the teacher insist on keeping the records up to date and neat?	3	5	4	4	4	4	4
11	Does the teacher take interest in maintaining discipline anywhere in the college premises?	4	5	4	4	4	4	4
12	Does the teacher remind you about your responsibility to the institution?	4	5	5	5	5	5	5
13	Do you find the teacher unbiased and open minded in judgement?	4	4	4	4	4	4	4
14	Do you find the teacher patient and considerate?	4	4	4	4	4	4	4
15	Do you find in the teacher, a true friendly support with elderly affection?	5	5	5	5	5	5	5
Total		49	73	68	57	68	66	66

Excellent	Very Good	Good	Satisfactory	Poor
5	4	3	2	1

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
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**SURVEY SHEET ON FACULTY**

-> II - EEE (2016-17)

Dear Student,

Here are some questions for which we expect your unbiased impartial open-minded answer. This is to know your individual opinion on the effectiveness of the classes handled by your teacher and also his / her readiness to help you in developing your career and personality.

Sl. No	Questions	MA6351	EE6301	EE6302	GE6351	EC6202	EE6303	EC6361	EE6311
1	Does the teacher come prepared on lessons?	2	5	5	4	5	5	5	5
2	Does the teacher present the lessons clearly and orderly?	2	5	5	4	5	5	5	5
3	Does the teacher speak with the voice clarity and effective body language?	3	5	4	4	4	4	4	4
4	Is the teacher is capable of keeping the class under discipline and control?	3	5	4	4	4	4	4	4
5	Does the teacher command students' attention & give response to students' doubts & questions?	3	5	5	4	5	5	5	5
6	Does the teacher possess depth of knowledge in subject?	3	5	5	5	5	4	5	4
7	Is the teacher available outside class hours to clarify doubts if requested to by students?	3	5	4	5	5	4	5	4
8	Does the teacher use the black board effectively?	4	5	5	4	4	4	4	4
9	Is the teacher regular and punctual?	3	5	5	4	4	5	4	5
10	Does the teacher insist on keeping the records up to date and neat?	3	5	4	3	5	5	5	5
11	Does the teacher take interest in maintaining discipline anywhere in the college premises?	4	5	4	3	5	4	5	4
12	Does the teacher remind you about your responsibility to the institution?	4	5	5	3	5	4	5	4
13	Do you find the teacher unbiased and open minded in judgement?	4	4	4	3	3	4	3	4
14	Do you find the teacher patient and considerate?	4	4	4	3	4	4	4	4
15	Do you find in the teacher, a true friendly support with elderly affection?	5	5	5	4	5	5	5	5
Total		50	73	68	57	68	66	68	66

Excellent	Very Good	Good	Satisfactory	Poor
5	4	3	2	1

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY,  
ECR, MAMALLAPURAM, CHENNAI - 603 104.**

**SURVEY SHEET ON FACULTY → III - EEE (2016-17)**

Dear Student,

Here are some questions for which we expect your unbiased impartial open-minded answer. This is to know your individual opinion on the effectiveness of the classes handled by your teacher and also his / her readiness to help you in developing your career and personality.

Sl. No	Questions	EE6501	EE6502	ME6701	EE6503	EE6504	IC6501	EE6511	ME6563	EE6512
1	Does the teacher come prepared on lessons?	5	4	4	4	4	4	4	4	5
2	Does the teacher present the lessons clearly and orderly?	5	4	4	4	5	5	4	5	5
3	Does the teacher speak with the voice clarity and effective body language?	5	5	4	4	4	4	5	4	5
4	Is the teacher is capable of keeping the class under discipline and control?	5	5	4	5	5	4	5	5	4
5	Does the teacher command students' attention & give response to students' doubts & questions?	5	4	5	4	4	4	4	5	4
6	Does the teacher possess depth of knowledge in subject?	5	4	5	4	4	5	3	4	4
7	Is the teacher available outside class hours to clarify doubts if requested to by students?	5	3	4	4	5	5	3	4	4
8	Does the teacher use the black board effectively?	5	3	4	4	4	4	4	5	5
9	Is the teacher regular and punctual?	5	5	4	4	4	4	5	5	4
10	Does the teacher insist on keeping the records up to date and neat?	5	4	4	4	4	5	5	5	4
11	Does the teacher take interest in maintaining discipline anywhere in the college premises?	5	5	3	4	5	5	4	5	4
12	Does the teacher remind you about your responsibility to the institution?	5	4	4	4	5	4	5	5	5
13	Do you find the teacher unbiased and open minded in judgement?	4	4	4	4	4	4	5	5	4
14	Do you find the teacher patient and considerate?	4	3	4	4	4	5	3	4	5
15	Do you find in the teacher, a true friendly support with elderly affection?	5	4	4	5	5	5	4	5	5
Total		73	61	61	62	66	67	63	70	67

Excellent	Very Good	Good	Satisfactory	Poor
5	4	3	2	1

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
ECR, MAMALLAPURAM, CHENNAI - 603 104.

**SURVEY SHEET ON FACULTY**

(2016-17)

III - EEE

Dear Student,

Here are some questions for which we expect your unbiased impartial open-minded answer. This is to know your individual opinion on the effectiveness of the classes handled by your teacher and also his / her readiness to help you in developing your career and personality.

Sl. No	Questions	EE6501	EE6502	ME6701	EE6503	EE6504	126501	EE6501	EE6503	EE6502
1	Does the teacher come prepared on lessons?	5	4	4	4	4	4	4	4	4
2	Does the teacher present the lessons clearly and orderly?	5	4	4	4	4	5	5	4	4
3	Does the teacher speak with the voice clarity and effective body language?	5	5	4	4	4	5	5	5	4
4	Is the teacher is capable of keeping the class under discipline and control?	5	5	4	5	4	4	5	5	5
5	Does the teacher command students' attention & give response to students' doubts & questions?	5	4	5	4	4	4	4	5	4
6	Does the teacher possess depth of knowledge in subject?	5	4	5	4	5	3	4	5	4
7	Is the teacher available outside class hours to clarify doubts if requested to by students?	5	3	4	4	5	3	3	5	4
8	Does the teacher use the black board effectively?	5	3	4	4	4	4	3	5	4
9	Is the teacher regular and punctual?	5	5	4	4	4	3	5	4	4
10	Does the teacher insist on keeping the records up to date and neat?	5	4	4	4	4	5	4	5	4
11	Does the teacher take interest in maintaining discipline anywhere in the college premises?	5	5	3	4	4	5	5	5	4
12	Does the teacher remind you about your responsibility to the institution?	5	4	4	4	4	5	4	5	4
13	Do you find the teacher unbiased and open minded in judgement?	4	4	4	4	4	4	4	4	4
14	Do you find the teacher patient and considerate?	4	3	4	4	4	4	3	5	4
15	Do you find in the teacher, a true friendly support with elderly affection?	5	4	4	5	5	3	4	5	5
Total		73	61	61	62	63	61	61	72	62

Excellent	Very Good	Good	Satisfactory	Poor
5	4	3	2	1

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
ECR, MAMALLAPURAM, CHENNAI - 603 104.

**SURVEY SHEET ON FACULTY**    —IV—EEE    (2016-17)

Dear Student,

Here are some questions for which we expect your unbiased impartial open-minded answer. This is to know your individual opinion on the effectiveness of the classes handled by your teacher and also his / her readiness to help you in developing your career and personality.

Sl. No	Questions	EE6701	EE6702	EE6703	MG6851	EE6805	EE6004	EE6711	EE6712
1	Does the teacher come prepared on lessons?	4	4	4	5	5	5	5	5
2	Does the teacher present the lessons clearly and orderly?	5	4	5	5	4	4	4	5
3	Does the teacher speak with the voice clarity and effective body language?	4	5	5	4	4	4	5	5
4	Is the teacher is capable of keeping the class under discipline and control?	4	5	5	5	5	4	5	4
5	Does the teacher command students' attention & give response to students' doubts & questions?	3	4	5	5	5	5	4	5
6	Does the teacher possess depth of knowledge in subject?	3	3	5	5	4	5	4	5
7	Is the teacher available outside class hours to clarify doubts if requested to by students?	4	4	5	5	4	4	5	5
8	Does the teacher use the black board effectively?	5	5	3	5	5	4	5	5
9	Is the teacher regular and punctual?	5	4	4	4	5	4	5	5
10	Does the teacher insist on keeping the records up to date and neat?	4	5	3	4	4	4	5	5
11	Does the teacher take interest in maintaining discipline anywhere in the college premises?	4	4	4	4	5	5	4	5
12	Does the teacher remind you about your responsibility to the institution?	3	4	4	5	5	4	4	5
13	Do you find the teacher unbiased and open minded in judgement?	5	5	4	5	4	4	4	4
14	Do you find the teacher patient and considerate?	5	5	4	5	4	4	5	4
15	Do you find in the teacher, a true friendly support with elderly affection?	5	4	5	5	5	4	5	5
<b>Total</b>		<b>63</b>	<b>65</b>	<b>61</b>	<b>71</b>	<b>68</b>	<b>64</b>	<b>69</b>	<b>72</b>

Excellent	Very Good	Good	Satisfactory	Poor
5	4	3	2	1

**DHANALAKSHMI SRINIVASAN COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
ECR, MAMALLAPURAM, CHENNAI - 603 104.

**SURVEY SHEET ON FACULTY**

IV - EEE (2016-17).

Dear Student,

Here are some questions for which we expect your unbiased impartial open-minded answer. This is to know your individual opinion on the effectiveness of the classes handled by your teacher and also his / her readiness to help you in developing your career and personality.

Sl. No	Questions	EE6701	EE6702	EE6703	MG16851	EE6005	EE6007	EE6711	EE6712
1	Does the teacher come prepared on lessons?	4	5	4	5	5	5	5	5
2	Does the teacher present the lessons clearly and orderly?	4	5	5	5	5	5	5	5
3	Does the teacher speak with the voice clarity and effective body language?	4	4	5	5	5	4	5	5
4	Is the teacher is capable of keeping the class under discipline and control?	5	4	5	5	4	4	5	5
5	Does the teacher command students' attention & give response to students' doubts & questions?	4	3	5	5	4	4	5	5
6	Does the teacher possess depth of knowledge in subject?	4	5	4	5	5	4	5	5
7	Is the teacher available outside class hours to clarify doubts if requested to by students?	3	4	4	5	4	4	5	4
8	Does the teacher use the black board effectively?	3	5	5	5	4	4	4	5
9	Is the teacher regular and punctual?	3	3	5	4	4	5	5	5
10	Does the teacher insist on keeping the records up to date and neat?	3	3	4	4	5	4	5	5
11	Does the teacher take interest in maintaining discipline anywhere in the college premises?	4	3	4	5	5	5	5	5
12	Does the teacher remind you about your responsibility to the institution?	4	4	4	5	4	5	5	5
13	Do you find the teacher unbiased and open minded in judgement?	4	5	3	5	4	4	5	5
14	Do you find the teacher patient and considerate?	4	5	5	4	4	4	5	5
15	Do you find in the teacher, a true friendly support with elderly affection?	5	4	4	5	5	5	5	5
Total		58	62	66	72	67	66	73	74

Excellent	Very Good	Good	Satisfactory	Poor
5	4	3	2	1