

SONA COLLEGE OF TECHNOLOGY

Learning is a Celebration !

| An Autonomous Institution |



ANNUAL QUALITY ASSURANCE REPORT 2012 – 2013

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BANGALORE

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SONA COLLEGE OF TECHNOLOGY
Salem - 636005

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2012-2013

I. Details of the Institution

1.1 Name of the Institution

SONA COLLEGE OF TECHNOLOGY

1.2 Address Line 1

JUNCTION MAIN ROAD

Address Line 2

SURAMANGALAM (P.O.),

City/Town

SALEM

State

TAMILNADU

Pin Code

636005

Institution e-mail address

principal@sonatech.ac.in

Contact Nos.

0427-4099999

Name of the Head of the Institution:

Dr. C.V. KOUSHIK

Tel. No. with STD Code:

0427-4099919

Mobile:

9443366495

Name of the IQAC Co-ordinator:

Prof. A. Velusamy

Mobile:

9842814694

IQAC e-mail address:

iqac@sonatech.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC/PCA&A/61/29 dated 15-9-2012

1.5 Website address:

www.sonatech.ac.in

Web-link of the AQAR:

www.sonatech.ac.in/AQAR2012-2013.doc

1.6 Accreditation Details

S. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.21	2012	Sept 14, 2017
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

20/11/2012

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 _____ (DD/MM/YYYY)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

ANNA UNIVERSITY, CHENNAI

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (<i>Specify</i>)	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="10"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="5"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="2"/>
2. 6 No. of any other stakeholder and community representatives	<input type="text" value="2"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="2"/>
2.8 No. of other External Experts	<input type="text" value="2"/>
2.9 Total No. of members	<input type="text" value="26"/>
2.10 No. of IQAC meetings held	<input type="text" value="2"/>

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

1) Creating a happy work place
2) Democracy and Electoral Participation

2.14 Significant Activities and contributions made by IQAC

The IQAC played a very active role in inculcating the sense of providing quality education to the students with the following quality objectives for 2012-2013.

1. To introduce 'Outcome-based Education' as per NBA requirements before June 2013 for all programmes in the Institute
2. To ensure establishment of one "Smart Classroom" for the benefit of the students
3. To encourage faculty members to take-up research projects, consultancy and extension activities and to publish papers in reputed journals
4. To produce minimum one University cited rank holder (within top 5 ranks) by every department of A.U. – Coimbatore.
5. Each department to be among top 20 colleges in AU-chennai
6. To establish minimum thirty centers of excellence at the college Level
7. To have the architectural drawings and approvals ready for the following blocks : MCA, Civil, Fashion Technology, Auditorium, University and Administrative blocks

Various activities were planned by the IQAC for achieving the above mentioned objectives and were carried out successfully.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcomes achieved by the end of the year*

Plan of Action
Conduct pedagogy and skill development programmes for teaching and supporting faculty
Conduct FDP on ‘Outcome-based Education’ for all faculty members before June 2013
Establishing a “Smart Classroom” for the benefit of the students
Conduct a national conference, seminars and guest lectures and monitor the same through an Event Diary or Register which will contain review and feedback details of various programmes conducted by departments
Enhance the teaching- learning process by constituting a three-member Committee at department level to develop a Resource centre.
Improve R&D Activities through paper publications, continuing education, MOU with industries, students internship, patents, consultancy and testing services
Organise extra-curricular activities through NCC, NSS, YRC
To be within first five rank of A.U. – Coimbatore sports meet

Academic Calendar of the year enclosed in Annexure- I.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

A three-member committee at department level has been constituted to develop a Resource centre. The centre is the repository for subject wise resources which includes Course file contents, Study material, Question Bank, Reference list, Power points, Dem o methods & material, M odels, Assi gnment topics, Vi deo / An imation films, Han d o uts etc., Po ssible Resources can be stored in CDs for faculty and students use.

A series of workshops on outcome based education was conducted for all faculty.

A r eview o f t he acad emic p erformance o f t he st udents was d one an d t he r esult was monitored periodically.

A total of 29 centres of excellence were established.

Part – B Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				-
PG	11	1	12	-
UG	7	-	7	
PG Diploma	-	-	-	
Advanced Diploma	-	-	-	
Diploma	-	-	-	
Certificate	-	-	-	
Others	-	-	-	
Total	18	1	19	
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	19
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

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

**Please provide an analysis of the feedback in the Annexure*

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.

Yes. A new PG Course was introduced in Academic Year 2012-13:
M.Tech – Information Technology Programme in Department of Information Technology

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
307	198	60	40	09

2.2 No. of permanent faculty with Ph.D.

42

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
16	16	-	-	1	1	-	-	17	17

2.4 No. of Guest and Visiting faculty and Temporary faculty

0	3	0
---	---	---

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	17	110	27
Presented	49	39	2
Resource Persons	3	6	8

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

- Teaching faculty were trained on ‘Outcome based education’
- Student Centric Activities (Club Activities)
- In-plant Training

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

191.5

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

Centralized Internal Examinations Publishing of results in the website.
--

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

94	107	181
----	-----	-----

2.10 Average percentage of attendance of students

94.057

2.11 Course/Programme wise, distribution of pass percentage:

Title of the Programme		Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
ECE (UG)		142	13	87	-	NA	100
ECE (PG)	CS	17	65	35	-	NA	100
	VLSI	15	67	33	-	NA	100
EEE (UG)		146	29.50	65.0	-	NA	94.50
EEE (PG)	PSE	16	69	31	-	NA	100
	PED	14	57	43	-	NA	100
MECH (UG)		153	16.9	77.1	-	NA	94
MECH (PG)	ED	16	37.5	62.5	-	NA	100
	PDD	16	25.0	75.0	-	NA	100
CIVIL (UG)		143	20.94	67.8	-	NA	88.78
CIVIL (PG)		13	46.15	53.85	-	NA	100
CSE (UG)		133	52	42	-	NA	94
CSE (PG)	CSE	18	49	51	-	NA	100
	SE	18	55.5	44.4	-	NA	100
IT (UG)		144	26.38	70.33	2	NA	98.71
IT (PG)		-	-	-	-	-	-
FT		67	35.82	50.75	10.45	NA	97.02
MCA		118	72.03	27.97	-	NA	100
MBA		188	7.59	72.15	20.25	NA	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching and Learning processes:

- As per the IQAC Chairperson's instruction the faculty members prepare academic calendar, lesson plan for the academic session, teaching plan, methodology, teaching material, student assessment details, action plan for remedial classes, etc.
- Year Plan preparation helps to achieve the goals

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	10
UGC – Faculty Improvement Programme	31
HRD programmes	32
Orientation programmes	32
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	15
Summer / Winter schools, Workshops, etc.	109
Others	8

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	127	18	18	NIL
Technical Staff	132	6	6	NIL

Criterion – III

3. Research, Consultancy and Extension

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

- A research committee consisting of representatives from every department functions in the college. This committee meets periodically and discusses the various schemes and scrutinizes the proposals suitable for each scheme
- All faculty are encouraged to present their innovative ideas, file patents, publish research papers in journals / conferences, and the team helps and guides them in this initiative
- Faculty involved in funded research projects are lauded with appreciation and cash awards

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	8	2	-
Outlay in Rs. Lakhs	27.31	111.27	25.30	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	5	3	-	-
Outlay in Rs. Lakhs	2.85	4.00	-	-

3.4 Details on research publications

	International	National	Others
Peer-Reviewed Journals	90	2	-
Non-Peer Reviewed Journals	28	3	-
e-Journals	19	-	-
Conference proceedings	53	48	2

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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	2011-14	AICTE-RPS	12.60	12.60
	2011-13	AICTE-RPS	10.00	10.00
	2011-13	ISRO	6.07	6.07
	2011-13	AICTE-RPS	8.60	8.60
	2012-13	ISRO Inertial Systems Unit / HBL Power Systems Ltd.	11.31	11.31
	2012-15	AICTE – RPS	5.00	5.00
	2012-15	AICTE – RPS	4.00	4.00
	2012-13	AICTE	10.00	10.00
	2012-14	KeereKan Coffee Estate & CICR	6.00	6.00
Minor Projects	2012-13	IIT-Bombay	2.00	2.00
	2012-13	IE(I)	1.00	1.00
	2012-13	IEI-RDC GRANT	1.00	1.00
Interdisciplinary Projects	-	-	-	-
Industry sponsored	2012-2013	Spinwell Valliappa Pvt. Ltd., Benagaluru	2.55	2.55
	2012-13	JSW Steel Ltd	2.45	2.45
Projects sponsored by the University/ College	-	-	-	-
Students research projects (<i>other than compulsory by the University</i>)	2012-13	Sona College of Technology (3 Projects)	0.30	-
Any other(Specify)	2012-13	Anna University-Chennai	0.70	0.70
	2012-13	IETE – New Delhi	0.15	0.15
Total			83.73	83.43

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

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution	Level	International	National	State	University	College
	Number	-	5	-	-	-
	Sponsoring agencies	-	6	-	-	-

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year	Type of Patent		Number
	National	Applied	4
		Granted	-
	International	Applied	2
		Granted	-
	Commercialised	Applied	-
		Granted	-

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
8	1	5	1	-	1	-

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

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 Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="110"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="-"/>	State level	<input type="text" value="55"/>
National level	<input type="text" value="10"/>	International level	<input type="text" value="-"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="4"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>
NCC	<input type="text" value="4"/>	NSS	<input type="text" value="32"/>
		Any other	<input type="text" value="-"/>

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

SI NO	Name of the Programme	Course code	Duration	Sponsored by	No of Candidates	Project Cost
1	Youth Empowerment (ITI, Fitter, Electrician, Fitter, Welder)	01/12-13	25.06.2012 10.09.2012	SAIL Salem Steel Plant	60	Rs.2,11,000.00
2	Basics of Beauty & Hair Dressing	02/12-13	03.09.2012 11.01.2013	Self-Supporting	25	Rs.2,50,000.00

3	Dress Designing and Garment Making	03/12-13	16.08.2012 06.03.2013	Self-Supporting	20	Rs.2,80,000.00
4	Multi Skilled Garment Making	04/12-13	10.09.2012 05.12.2012	SAIL Salem Steel Plant	30	Rs.2,55,000.00
5	Industrial Sewing Machine Operator	05/12-13	27.12.2012 21.02.2013	Under the Scheme of SJSRY	40	Rs.1,60,000.00
6	Multiskilled Garment Technician	06/12-13	10.01.2013 24.04.2013	JSW Steel Ltd, Pottaneri	30	Rs.2,25,000.00
7	Multiskilled Garment Technician	07/12-13	27.02.2013 16.07.2013	-do-	30	Rs.2,25,000.00
Total					235	Rs.16,06,000.00

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 (m ²)	59509	-	Chockalingam Trust	59509
Class rooms	93	08	Chockalingam Trust	101
Laboratories	85	-	Chockalingam Trust	85
Seminar Halls	11	-	Chockalingam Trust	11
No. of important equipments purchased (\geq 1-0 lakh) during the current year	12	15	-	27
Value of the equipment purchased during the year (Rs. in Lakhs)	14	66.25 Lakhs	Chockalingam Trust	-
Value of the equipment purchased during the year (Rs. in Lakhs)	6	17.11 Lakhs	AICTE	-
Value of the equipment purchased during the year (Rs. in Lakhs)	2	24.21 Lakhs	DST	-
Others	-	-	-	-

Equipment Purchased details for the Academic Year 2012-13

S.No.	Department	2012-13	
		Equipment more than Rs.1 lakh (in lakhs)	Equipment purchased amount (in lakhs)
1.	Mechanical Engineering	-	0.13
2.	Electrical and Electronics Engineering	2	4.63
3.	Electronics Communication Engineering	2	6.15
4.	Computer Science Engineering	6	41.91
5.	Fashion Technology	-	0.89
6.	Computer Science Engineering, Information Technology, MCA	-	1.69

7.	Security	-	0.19
8.	Teaching Aid	1	1.89
9.	Telephone – Cell	1	1.86
10.	Computer science	2	5.93
11.	Physical Education	-	0.98
12.	Moderob- MCA	4	7.55
13.	R & D Software – EEE Sona SPEED	-	2.20
14.	R & D Equipments – EEE Sona PERT	1	5.10
15.	R & D Equipments – ECE Sona SIPRO	1	16.91
16.	R & D Equipments – AICTE - RPS –CSE	-	0.21
17.	R & D Equipments – AICTE - RPS – ECE	-	0.46
18.	R & D Equipments – AICTE - RPS - Mech	2	8.89
Total Purchased Amount Rs in Lakhs			107.57

4.2 Computerization of administration and library

Administration

- Student Information System
- Staff Information System
- Examination Process Control System
 - Process implementation for Assessment of Course outcome
 - Result processing
 - Consolidated mark sheet design and development suitable to new model proposed
 - Examiner claim forms generation for supplementary examinations
- Fees Follow-up System (College & Hostel)
- Admission Process Management System
- Staff appraisal process automation
- SMS Based Solutions
- Staff Feedback Process Automation
- Online Training & Assessment Software (for placement)
- Stock Maintenance Software for CMG Group

- Dispatch Information System
- Web Portals – (Sona Times, Sona Circulars, Technical Events, Technical Portal, ISO Manuals, News Track)
- Blood Donation Information System
- Wi-Fi Registration Information System
- Leave Management System
- Data input to Website updating of Performance Reports
- Data input to administration, AICTE section and adhoc requirements.
- Graphical presentation for the reports in all the modules
- Automatic Question Paper Setting
- Fee collection through MIS for first year with new receipt format
- Hostel students Bio-data form design and access at Hostel premise
- First year admission data capture
- ISO new process & quality manual updating for external ISO audit.
- Master updates in Bus fee collection

Library

- Central Library is equipped with latest reading resources with both print and electronic forms.
- The Library is computerized using Autolib software
- All the reading resources are Accessioned, classified and barcoded.
- Entry and Exit of faculty members and students are recorded in system.
- Using e-resources like online Journals and e-Books.
- DELNET services
- Biometric systems for faculty attendance.

4.3 Library services:

	Existing 2015-16		Newly Added 2016-17		Total	
	No.	Value	No.	Value	No.	Value
Text Books	69709	21757401	3550	1471276	73259	23228677
Reference Books	2947	4278329	74	361045	3021	4639374
e-Books	-	-	-	-	-	-
Journals	143	177811	9	17325	152	195136
e-Journals	4	602088	4	602088	4	602088
Digital Database (NPTEL)	3675	-	-	-	3675	-
CD & Video	2291	104741	31	24130	2322	128871
Others (specify)	DELNET	10500	DELNET	11500	DELNET	10500

4.4 Technology Up-gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1732	18	24Mbps	3	-	-	All Departments	-
Added	9	-	-	-	-	-	All Departments	-
Total	1741	18	24Mbps	3	-	-	All Departments	-

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

Our college has introduced the following Learning Management System to improve the teaching and learning process.

A-View

Our college is acting as nodal centre for conducting A-View program. AVIEW (Amrita Virtual Interactive E-Learning World) is a n i n t e r n e t b a s e d v i r t u a l k n o w l e d g e s h a r i n g p l a t f o r m, developed by Amrita E-Learning Research Labs, Amrita Vishwa Vidyapeetham, Kollam. AVIEW enables students from various geographical locations to interact with a teacher in a highly immersive E-learning environment. AVIEW runs on Windows, MAC-OS and Linux; on desktops, laptops and mobile devices such as Akash tablets and other Android-enabled smart phones and tablets.

4.6 Amount spent on maintenance in Lakhs

1) Campus Infrastructure and Facilities + Equipment

1,55,20,296

CONSUMBALES & MAINTENANCE EXPENSES (APRIL 2012 - MARCH 2013)

S. No.	Item Description	Amount
1.	Building Maintenance	1,05,71,503
2.	Lab Maintenance - Chemistry	58,779
3.	Lab Maintenance – Civil	87,723
4.	Lab Maintenance - Electrical	1,61,255
5.	Lab Maintenance – ECE	60,841
6.	Lab Maintenance – Computer	18,58,062
7.	Lab Maintenance – Fashion Technology	2,11,416
8.	Lab Maintenance - Mechanical	1,98,084

9.	Lab Maintenance - Physics	10,894
10.	Teaching Aid Maintenance	93,057
11.	Air Conditioner Maintenance	1,38,163
12.	Furniture Maintenance	1,12,252
13.	Garden Maintenance	7,64,225
14.	Electrical Maintenance	3,33,789
15.	Vehicle Maintenance	5,96,254
16.	Office Maintenance	12,556
17.	Public Address System Maintenance	6,742
18.	Water treatment Plant Maintenance	72,680
19.	Genset Maintenance	1,72,021
	Total Rs.	1,55,20,296

Total: 1,55,20,296

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Student's orientation programmed is conducted at the beginning of every academic year about the various Student Support Services available in the college.
- Student Performance was monitored using the Management Information system (MIS).
- Feedback mechanism was implemented to measure the course delivery by the faculty to the students.
- Student grievance committee such as anti-ragging committee, SC/ST standing committee is established in the college to support the students.
- Regular Class committee meetings was conducted and the corrective action was taken based for the problems faced by the student

5.2 Efforts made by the institution for tracking the progression

- Staff Academic Council monitors the Teaching Learning Mechanism every fortnight
- Learning Ladder helps to reveal the academic status of the Students
- Remedial Classes for the slow learners
- Model Arrangements enable the Students to clear the arrears in University Exams.
- Student development is also promoted through co-curricular and extra-curricular activities of the students and the excelling students recognised.
- Faculty advisors are allotted to each student for counselling and the information is recorded in formally.
- Student progress and attendance report is regularly communicated to their parents via SMS.

5.3 (a) Total Number of students

UG	PG	PhD	Others
3812	1046	-	-

(b) No. of other-state students

58

(c) No. of international students

180

Men	No	%	Women	No	%
	2798	58		2060	42

Last Year (2011-12)						This Year(2012-13)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
499	376	16	2757	10	3658	611	514	18	3715	12	4870

Demand ratio: 1:10

Dropout: 0.5%

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

The department had organized coaching classes for students to take up competitive exam like GATE.

No. of student beneficiaries 182

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	36	CAT	11
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	52

5.6 Details of student counselling and career guidance

- A faculty counselor is appointed for every 10-15 students.
- Placement coordinator for every department to carry out career counseling.
- Personality and Career enhancement course in the curriculum helps for the career guidance of the students.
- The Placement and Training Department creates awareness about career planning and career mapping among the students.
- Training in the area of quantitative aptitude, logical reasoning and verbal reasoning.
- Mock interviews are conducted by the Alumni for the students to perform well in the job interviews.
- Students are given training on group discussion techniques.
- AMCAT assessments has been done to check the technical skill of the students

No. of students benefitted 4175

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
39	665	498	24

5.8 Details of gender sensitization programmes

1. The election for the office bearers was conducted for the student nominees and following students were selected for the academic year 2012 – 2013.
 - CHAIRPERSON - M.Mithra IV Year, B.E. Information Technology
 - SECRETARY - M.Swetha III Year, B.E. Computer Science and Engineering
 - JOINT SECRETARY - S.Sangeetha II Year, B.E Civil Engineering
2. The Cell was inaugurated by Ms.Aarti.C.Rajaratnam., Psychologist (Childhood and Adolescence), NLP Master Practitioner, Innovative Education and Curriculum Design consultant who delivered a special address and shared her experiences and observations on "Women Empowerment" on September 13, 2012.
3. The club organized a visit to Nesakarangal, Salem on September 30 2012. The children residing there were provided with snacks and provisions.
4. An Anaemia Awareness and Detection Initiative was organised by Women's Development Wing on January 4 th, 2013. An anaemia screening test was done by SHHARC trust in coordination with Salem blood bank. Around 400 girl students were benefitted from this medical camp.
5. We organized a workshop on "Origami" on 5 th Jan 2013. Many girl students of Sona participated and learnt this science and got benefitted.
6. We arranged for a prayer meeting for the victims who had undergone Inhuman harassment. On this occasion a Special address "On Women Safety" was delivered by Dr.R.Sathiyabama HOD of Computer Science Engineering, Sona College of Technology, and Dr.Latha Krishnan, Director of MBA Department, Sona College of Technology on 9th January 2013.
7. We organized a guest lecture on "Engineering Women Leadership" by Dr.R.Malathy., Dean Civil Engineering of Sona College of Technology on February 6th 2013.
8. We organized a guest Lecture on "Women Health" by Dr.Vimala M .D., D .G.O Professor of Obstetrics and Gynecology, VMKV Medical College on February 11th 2013.
9. Series of competitions under the title "PERK UP 2013" was conducted from February 14th to February 28th 2013 that covered the following categories:

CATEGORY	EVENT NAME	PURPOSE
ART	Painting Mela (Glass Painting, Fabric Painting, Pot Painting, Pencil	To encourage their artistic talents

	Sketching)	
	Vegetable Carving	To promote health awareness about vegetarian food
	Mehandi	For creative thinking in artistic ways
	Rangoli	
INNOVATION	Group Dance & Group Singing (with social themes)	To promote some social messages through these arts
	Interior Decoration	Festival themes were asked to be used to endorse different traditions and originality
	Art from waste	To make the world beautiful in all aspects
	Bridal makeup	For making them realize Indian heritage and feel their inner beauty
	Cooking	
TECHNICAL	Quiz	To make them check their own knowledge about the world
	Multimedia (or) Short film	Presentations about women, that made students to feel proud
	Paper Presentation	Presentations about women, that made students to feel proud

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	375	41,39,700
Financial support from government	1604	2,31,56,273
Financial support from other sources	180	24,97,125
Number of students who received International scholarships	85	1,89,16,425

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: There were no major/minor student grievances.

- | |
|--|
| <ul style="list-style-type: none"> • Students can also represent their problems through suggestion box or in class committee meeting, mentor meeting, hostel meeting, Anti Ragging Committee and Disciplinary Committee. This ensures a better relationship with the stakeholders. • Complaint cum grievances cell is also in its place having the members of faculty and deputy warden of the hostel. Every week committees receive the grievances if any from the students and forward them to the respective departments for redressal. |
|--|

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

To become an institute of great repute, in the fields of Science, Applied Science, Engineering, Technology and Management studies, by offering a full range of programmes of global standard to foster research, and to transform the students into globally competent personalities

Mission

- To offer graduate, post-graduate, doctoral and other value-added programmes beneficial for the students
- To establish state-of-the-art facilities and resources required to achieve excellence in teaching-learning, and supplementary processes
- To provide Faculty and Staff with the required qualification and competence and to provide opportunity to upgrade their knowledge and skills
- To motivate the students to pursue higher education, appear for competitive exams, and other value added programmes for their holistic development
- To provide opportunity to the students and bring out their inherent talent
- To establish centres of excellence in the emerging areas of research
- To have regular interaction with the Industries in the area of R & D, and offer consultancy, training and testing services
- To offer continuing education, and non-formal vocational education programmes that are beneficial to the society

6.2 Does the Institution has a Management Information System?

The institution adopts a full-fledged Management Information System (MIS) developed completely in-house and successfully facilitates a systemised and channelized information flow enabling easy decision making and effective administration. The MIS is widely implemented in the administration of the institution facilitating easy retrieval of the information regarding the academics, examination, finance section and the Human Resource (HR) Department of the institution.

The academic processes like the student attendance, internal marks, conduct of the end semester examination and publication of the results are computerized. An extensively computerized finance section supports activities like admission, fees collection and accounting. The HR department records the details of the faculty like the performance appraisal, feedback, faculty attendance, pay roll management, etc. with

the support of the MIS. User friendly software for the purpose of library management is in place facilitating the maintenance of records relating to the availability of books, books issue/return, etc.

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

6.3.1 Curriculum Development

A regular assessment of the curriculum is done through the feedback from the students, alumni, subject experts, employers and the experts from the industry. The suggestions received from them are reviewed by the Department Consultative Committee. Relevant suggestions are considered for inclusion in the curriculum. The curriculum and syllabi are revised from time to time. In the process of developing the curriculum, care is taken to ensure adherence to norms and guidelines prescribed by the Anna University and UGC.

A framework of the curriculum is developed by the departments for their programmes. It includes a list of courses, course outcomes and evaluation pattern with weightages for the continuous internal assessment and semester-end assessment. The restructured curriculum is reviewed in the discipline-wise Boards of Studies and the recommendations are tabled at the Academic Council meeting for approval.

6.3.2 Teaching and Learning

All the faculty of the institution are trained in contemporary and innovative methods of teaching and encouraged to attend various programmes on pedagogy. The widely used teaching and learning methods at the institution are lecture, group discussion, quiz, demonstration, drill and practice, case studies, tutorials, team teaching, cooperative learning, seminar, internship, projects, surveys, computer lab, simulation, field and factory visits, games and role play.

ICT enabled technologies like e-journals, databases like J/ gate; ProQuest, CMIE, etc. are available for the students for efficient learning.

Students are encouraged to take MOOC and online courses offered by reputed institutes. In addition to classroom learning, aids like NPTEL, EDUSAT, Indo-US, A –VIEW, YouTube, Khan Academy, e-journals, etc. are also available for the students to facilitate learning.

6.3.3 Examination and Evaluation

- The Controller of Examination organises the Continuous Internal Examinations (CIE), the Semester-End Examination (SEE) and evaluation of the answer scripts.
- The question papers for the CIE are set by the internal faculty.
- The question papers for the SEE are set by the internal and external faculty.
- The question papers of the CIE and SEE are scrutinized by the Head / senior faculty member.
- Steps are taken to ensure that the question papers conform to the standards of bloom's taxonomy.
- The Sonas standard is that 40% of the questions of question papers for tests and exams in the undergraduate programmes encourage the use of higher-order thinking skills.
- The standard of question papers for the postgraduate programmes is that 60% of the questions should conform to the higher-order thinking skills.
- A system of central valuation is adopted for the theory courses involving eighty percent external and twenty percent internal examiners.
- For the practical courses the evaluation is done by a panel of external and internal examiners.

- The results of the semester-end examinations are published within 30 days from the date of completion of the examinations.
- The college has in place the system of providing photocopies of the answer scripts and organising their revaluation for the benefit of the students.
- Supplementary examinations are conducted for the even semester examinations only.

6.3.4 Research and Development

- The institution provides extensive opportunities to the faculty and the students for research and development. It is committed to research in the areas of science, engineering and technology and has nurtured more than 20 centres of excellence exclusively for research and development.
- The vibrant research and development activity in the college has resulted in receiving grants from organizations like DST, AICTE, UGC, ISRO, NIOT, etc. and also few industries.
- The centres of excellence focus primarily on applied research, product development, industrial training, development of multimedia resources and publication. The centres are equipped with advanced equipment and technology.
- The Department of Management Studies publishes a quarterly journal, “Sona Global Management Review” (ISSN 0973 9947), an international double-blind peer-reviewed journal listed in Ebsco and Ulrich directories since 2006.
- Faculty are primarily involved in research projects that are beneficial to the society.

6.3.5 Library, ICT and Physical Infrastructure / Instrumentation

Library

- The central library of the college is a repository of a vast number of learning resources including textbooks, reference books, national and international journals, digital resources, online journals, etc., all of which are enriched every year and software for tracking resource availability and an automated system for book/journal transactions. Additionally, there are departmental libraries to provide easy and quick access of resources to students.
- The library has also established with resources and informative brochures, newsletters, write-ups and CDs on leading companies are available for students particularly to enhance their placement and career focus.

ICT:

- There are adequate ICT facilities in the institution and well established policies for their deployment and maintenance.
- Every student of the first year brings his/her laptop in order to take up computer based online test.
- Broad band internet facilities in the premises of the college and the hostel are provided thereby ensuring free access to current industrial and technological trends.
- Keeping pace with the rapid advancements in technology and to benefit the students the college has set up a portable/mounted LCD projector in all the classrooms.
- All the computer labs, multimedia language lab and science labs provide opportunities for hands-on training in ICT modules.

Physical infrastructure / instrumentation:

- Adequate number of seminar halls and conference halls with air-conditioner and audio-visual facilities, video-conferencing facility are available.
- All the classrooms are equipped with audio-visual facilities.
- All the computer labs that are well equipped fulfils the academic and research needs.
- An auditorium, amphitheatre, central library, department libraries, guest rooms, medical centre with an ambulance , sports centre, DTP centre, cafeteria, ATMs, adequate vehicle-parking space for students and staff are functioning effectively.
- Adequate numbers of fire extinguishers at vantage points are kept and the staff and the students are trained to handle it.

6.3.6 Human Resource Management

The heads of the departments communicate a requisition to the management through the principal and the Human Resource Department (HRD) of the institution as and when vacancies arise in the department. The HRD advertises and follows a systematic procedure in recruiting teaching and non-teaching staff. Orientation and training programmes are organised periodically for the recruits. Faculty development programmes, workshops, conferences, industrial visits, seminars, etc. are organized and the faculty are encouraged to participate in similar programmes organised by other institutions, industries, etc. The faculty is motivated to be a part of professional bodies like the ISTE, CSI, CII, MMA, NHRD, etc.

6.3.7 Faculty and Staff Recruitment

Step 1: Recruitment authorisation duly approved by the principal and Chairman

Step 2: Sourcing suitable candidates from various databases and other sources

Step 3: Pre screening and interview carried out by HRD and forwarded to the department head for further short listing

Step 4: Interview process is organised for the shortlisted candidates by HRD. A panel of experts conducts the interview.

Step 5: Final approval is given by the Chairman and a job is offered.

A new employee will be on probation for a period of one year from the date of joining.

6.3.8 Industry Interaction / Collaboration

- Signing of MOUs with industries for research projects, consultancy, placement, internship and interactive sessions like seminars, webinars and workshops take place.
- Mutually-beneficial activities(based on the MOUs) are organised in every department for every semester

6.3.9 Admission of Students

Selection Procedure:

A selection committee constituted by the college management and the principal as per the guidelines of the institution will select the candidates. The selection is purely provisional and always subject to the confirmation from Anna University / Directorate of Technical Education, Chennai. The selection committee will abide by the following specific norms and guidelines for selecting candidates for admission to the various programmes offered by the institution.

Dr.C.V. Koushik, Principal, Chairman –Admissions

Dr.K. Karunakaran, Admissions In-charge

Mr. P.J. Jawahar, Admissions In-charge

Mode of selection:**BE/BTech Degree Programme - First Year**

- Based on the cut-off marks obtained in the higher secondary examination.
Maximum Cut off mark = 200 (100 for Mathematics and 100 for Physics + Chemistry)

BE/BTech Degree Programme - Direct Second Year Lateral Entry

- Based on the percentage of marks obtained in the diploma examination.

ME/MTech Degree Programme

- Based on the score obtained in the examinations like TANCET / CET / GATE which are conducted by the Anna University and Association of Managements of Anna University Affiliated Colleges, Coimbatore

Master of Business Administration (MBA) Degree

- Based on the score obtained in the examination like MAT / TANCET / CET / CMAT which are conducted by the Anna University and Association of Managements of Anna University Affiliated Colleges, Coimbatore, and AICTE

Master of Computer Applications (MCA) Degree & Lateral Entry

- Based on the score obtained in the examination like TANCET / CET that are conducted by the Anna University and Association of Managements of Anna University Affiliated Colleges, Coimbatore.

6.4 Welfare Schemes for

Teaching staff	<ul style="list-style-type: none"> • Contribution to Provident Fund • Contribution towards medical insurance • Maternity leave • Medical leave • Contribution to ESI • Advance to meet emergency expenditure • Medical centre • Gratuity • Personal accident insurance
Non-teaching staff	<ul style="list-style-type: none"> • Uniforms for the support staff • Financial aid for the education of the ward of supportive staff • Festival advance • Fee concessions for children of administrative and support staff • Bonus for administrative and supportive staff <ul style="list-style-type: none"> ○ Medical centre ○ Gratuity ○ Personal accident insurance ○ Salary advance.
Students	<ul style="list-style-type: none"> • Management Scholarship is provided for each year for the following categories: <ul style="list-style-type: none"> ➤ Sports scholarship ➤ Merit cum means scholarship

	<ul style="list-style-type: none"> ➤ Merit scholarship ➤ Special scholarship • Financial support for: <ul style="list-style-type: none"> ➤ Student innovative projects ➤ Student competitions ➤ Attending seminar and conferences ➤ Appreciation prizes for meritorious students • Free accommodation and food in hostel for the needy • 24 hours medical support • Rs. 520.32 Lakhs • for disabled students. • Psychological counselling
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6.5 Total corpus fund generated

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	Professors from reputed colleges	Yes	Sona-QMS
Administrative	Yes	Astral	Yes	Sona-QMS

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

For UG Programmes Yes

For PG Programmes Yes

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

The Continuous Internal Evaluation (CIE) marks (internal marks) for all the courses of all semesters are displayed for the students which is endorsed by the students after clarifying their doubts. Parents are informed of the marks through SMS.

After the completion of every CIE test, the principal reviews the student performance in the presence of the Heads of the Departments and the Controller of Examinations. On the basis of the review, coaching classes, tutorial classes and weekend classes are organised, to improve student performance. At the end of these sessions, class tests are conducted to gauge improvement in student learning.

The CIE constitutes 50% of the marks meant for evaluation of student learning. Periodical test is conducted for every course so that the students can improve and score high marks in semester end examinations. Publication of result, evaluation and review and supplementary examinations are conducted periodically.

Mark sheets of the semester exams are printed and given to the students within a span of one month after the announcements of the results. Course works for PhD scholars are also conducted. Other examination processes are carried out by Anna University, Chennai.

The entire operations of examinations are streamlined through Management Information System to speed up the processes.

If students have any grievances with reference to evaluation, they can apply for reevaluation and also obtain the photo copy of their answer script. If they are not satisfied with these results they can apply for review reevaluation.

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

Anna University encourages the autonomous colleges to frame their own curriculum and regulations according to the needs of the industry. The syllabus can be updated from time to time on the basis of industry needs.

The university also values the fact that the college, being autonomous, can organise its own examination and evaluation system as per the vision and needs of the institute.

A faculty from Anna University acts as the university nominee for the Board of Studies Meetings in framing the curriculum and syllabus as well as in the result passing board meeting.

6.11 Activities and support from the Alumni Association

The Alumni Association elects its office bearers every year. At periodical intervals the association arranges for meeting and supports the institution in the following aspects:

- The Alumni Association works to connect alumni and support students through a variety of events and services.
- Guest lecturers by experienced alumni for students are organised.
- Skill based training to students to meet industry needs is conducted.
- Financial support of one lakh rupees has been given to SAE-SUPRA student formula team.
- Every department has the alumni as one of the members of board of studies (BOS) for curriculum design.
- Industrial visits are facilitated by the alumni for the students.
- Alumni have helped in getting Inplant trainings for the students in their companies
- Alumni have also helped the students to get non paid and paid internship in the companies where they work and also in the companies which they have started.
- The Sona Alumni Association founded in 2002 is continuously fostering to build a strong industry institutional tie up among the students and the management.
- The mission of the association is to foster strong bonds between alumni, students and the institute, to keep alumni informed and create a network enabling them to remain engaged with their alma mater and help shape its future through its programmes and services.

6.12 Activities and support from the Parent – Teacher Association

- The goal of parent-teacher meeting is to bring together the interests of the parents and the college to support student progression.
- Each department organizes parents and teachers meeting periodically and provides an opportunity for the parents to discuss the academic performance of their wards with the faculty concerned. The departmental activities are presented to the parents.
- The student's performance is informed periodically to the parents through web portal, short message service etc.
- The feedback on the curriculum is received from the parents and considered in framing the curriculum.

6.13 Development programmes for support staff

Every year the Human Resource Department organizes development programmes for the support staff. They are encouraged to attend suitable training programmes and developmental programs at other institutions.

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

The institution has extensively implemented ecological practices in water and energy conservation and waste management on the campus.

- The institution has a green environment with several trees to maintain the ecology of the place
- An STP water treatment plant is established in the campus for the treatment of waste water
- The recycled water is used for the maintenance of the lawns and the gardens in the campus
- RO plants supply potable water in the college
- Rain water harvesting is adapted in the college and hostel.
- Safe disposal of laboratory wastes is done.
- Solar energy is utilised effectively.

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.

- Enhance the teaching- learning process by constituting a three-member Committee at department level to develop a Resource centre.
- Properly maintained eco-friendly campus
- Regular Parent-Teacher meetings are conducted every year to discuss ways and means for overall development of students.
- Our management renders a valuable support to staff through Provident Fund, provides free hostel accommodation for outstation faculty members.
- Online Students Mark Entry System
- Teaching–Learning Process: The autonomous status of the institution enables us to introduce industry-oriented technology in the syllabus, and this in turn enables the students to face their professional world with greater ease.
- Innovative pedagogical strategies to enhance teaching-learning process like problem-solving, case studies, project-based learning and peer-teaching.
- A total of 29 centres of excellence were established

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

Plan of Action	Achievements
Conduct pedagogy and skill development programmes for teaching and supporting faculty	Pedagogy programme conducted from 3/12/2012 to 7/12/2012 for 30 faculty members Training Programme conducted on 27/12/2012 & 28/12/2012 for 30 faculty members Skill development programme conducted on 14/12/2012 for 40 staff members
Conduct FDP on ‘Outcome-based Education’ for all faculty members before June 2013	A series of faculty awareness programme was conducted to educate all the faculty of the institution on ‘Outcome-based Education’
Establishing a “Smart Classroom” for the benefit of the students	4 smart classrooms in the departments of mechanical engineering, ECE, MBA and MCA were established
Conduct a national conference, seminars and guest lectures and monitor the same through an Event Diary or Register which will contain review and feedback details of various programmes conducted by departments	A total of 67 Seminars & Guest lectures were conducted in this academic year
Enhance the teaching- learning process by constituting a three-member Committee at department level to develop a Resource centre.	Resource centres established
Improve R&D Activities through paper publications, continuing education, MOU with industries, students internship, patents, consultancy and testing services	Papers published : 110 papers Patents filed: 14 Nos. MoUs signed: 22 Nos. Funding for Sponsored projects & others: 140.76

	Lakhs
Organise extra-curricular activities through NCC, NSS, YRC	35 programmes conducted
To be within first five rank of A.U. – Coimbatore sports meet	Won Zone level Overall Championship Winners with 480 points in the Anna University Sports Board Chennai, Zone VIII (Salem-II) Sports and Games for 2012-13.

7.3 Give two Best Practices of the institution

1. Online Students Mark entry: The new system of entering students' marks in the Management Information System (MIS) - the online software platform was introduced. Faculty soon after the evaluation enters the marks in the MIS.
2. All the departments have created an Event Diary to register valuable information of various programmes and events such as workshops, seminars, conferences, guest lectures etc. The following details are to be filled by the respective programme coordinators, reviewed by the HOD and will be inspected during Academic Audit.
 - a. Event Date
 - b. Name of the event
 - c. Chief Guest(s)
 - d. Chief Guest'(s) feedback
 - e. Participants feedback
 - f. Highlights of the event
 - g. Shortcomings in the event

7.4 Contribution to environmental awareness / protection

1. Seminar on "INDIA TOWARDS WORLD OF AGRICULTURE"
2. Seminar on "AWARENESS ON BLOOD DONATION"
3. Rally on "WORLD'S HEART DAY"
4. Rally on "PUBLIC AWARENESS ON IMPORTANCE OF VOTERS DAY"
5. AIDS/HIV Awareness day
6. A Bike rally for Road Safety Awareness

7.5 Whether environmental audit was conducted?

Yes

No

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

- NAAC 'A' Grade Accreditation
- ISO-certified
- 2f & 12B approval from UGC
- Opportunities are given to students to enrol themselves in different club activities: Sports Club, Tamil Mandram, GD, Aptitude, EQ and IQ Club, The English Club, Photography Club, Science Club, Tremors Club, Sona Programming Club, Dexter's Club.

Ranking of the college

8. ✓ Ranked 5th among Top Engineering Colleges of Excellence TamilNadu by "CSR" 2012
- ✓ Ranked 6th among Top Private Engineering Colleges in TamilNadu by "Deccan Chronicle" 2012
- ✓ Ranked 6th among Top Private Engineering Colleges in TamilNadu by "Outlook" 2012
- ✓ Ranked 8th among Top Private Engineering Colleges in TamilNadu by "The Week" 2012
- ✓ Ranked 12th among Top Engineering institution in India by "The Sunday Indian" 2012
- ✓ Ranked AA+ and listed India's Best Engineering Colleges 2012 by "Careers 360"
- ✓ Ranked One among Top Engineering Colleges in India by "Dalal Street" 2012
- ✓ Ranked 8th among Top Engineering Colleges in South India by "Silicon India" 2012

- Implementation of Outcome Based Education for all programmes
- Implementation of automated performance appraisal system for the faculty

Name : Prof. A. Velusamy, IQAC Coordinator,

Sona College of Technology, Salem



Signature of the Coordinator, IQAC

Name : Dr. C. V. Koushik, Principal

Sona College of Technology, Salem



Signature of the Chairperson, IQAC

Annexure -1

Academic Calender 2012-2013

PROFILE OF THE INSTITUTION

Sona is one of the fastest growing technical institutions in India and a leading engineering college in South India. It has a great reputation as a provider of quality technical education. It offers a wide range of high quality education and training opportunities to a wide cross-section of students from across the country and beyond. The institution is affiliated to Anna University, a university of international repute.*

Sona offers seven UG Programmes and ten PG programmes as mainstream programmes and many short and medium term certificate courses under its School of Continuing Education. The UG programmes include the BE and BTech programmes in a variety of Engineering and Technology areas. The PG programmes include the MBA, MCA and ME programmes in emerging areas.

The School of Management, located within the campus, offers the MBA Programme.

The academic programmes offered by Sona extend well beyond the theoretical realms into the modern labs where the students get the advantage of hands-on training in current technological practices. These formal training sessions are interspersed on a regular basis with lively workshops and guest lectures to give students smart opportunities to learn more.

* Autonomous



Presently, there are about 4,800 students enrolled at Sona for more than 45 different programmes or courses. On the faculty - student front, it has an impressive ratio of 1 : 12.

The institute inculcates in students the skills to become effective learners, critical thinkers and responsible citizens who will be able to meet the challenges of the future. All the students have ample prospects to perform well and excel in their chosen fields.

Sona's sharp focus on quality education and training has turned it into a premier technical institution in a short span of fourteen years. Offering a dynamic learning environment, Sona's tangible achievements range from a splendid and lush green campus to world-class infrastructure and brilliant academic performance.

Its academic programmes, extra and co-curricular activities are synergized with industry to make learning more real, relevant and receptive to changing trends.

Sona

4800 Students

45 Programmes

300 Faculty

***"If your dreams don't scare you,
they are not big enough."***

Sona's VISION

To become an institute of great repute in the fields of Science, Applied Science, Engineering, Technology and Management studies by offering a full range of programmes of global standard to foster research and transform the students into globally competent personalities.

Sona's MISSION

- To provide Graduate, Post-graduate, Doctoral and other value-added programmes beneficial for the students
- To provide state-of-the-art resources required to achieve excellence in teaching-learning and supplementary processes
- To provide faculty and staff with the required qualification and competence and to provide opportunity to upgrade their knowledge and skills
- To motivate the students to pursue higher education, appear for competitive exams, and other value added programmes for their holistic development
- To provide opportunity to the students and bring out their inherent talent
- To establish centres of excellence in the emerging areas of research
- To have regular interaction with the Industries in the area of R & D, and offer consultancy, training and testing services
- To offer continuing education, and non-formal vocational education programmes that are beneficial to the society

SONA'S QUALITY POLICY

Sona College of Technology is committed to providing quality education to its students enabling them to excel in the fields of Science, Engineering, Technology and Management Studies to cater to the changing and challenging needs of society and industry through the following initiatives:

- Contributing to the academic standing and overall knowledge development of the students
- Maintaining state-of-the-art infrastructure and a congenial learning environment
- Enhancing the competence of the faculty to a very high level and making them adopt modern and innovative methods applicable to the teaching-learning process
- Inculcating moral and ethical values among the students and staff
- Collaborating with industry, other institutions and organisations for mutual benefit
- Promoting research and development activities for the growth of the economy
- Disseminating technical knowledge in the region through continuing education programmes
- Ensuring continual improvement of Quality Management Systems.

PROGRAMMES

The college has gained enough momentum and it has reached phenomenal heights within a short span of time. Our college offers the following programmes:

Bachelor's Degree

BE (Full time - 4 years)

Mechanical Engineering

Electrical and Electronics Engineering

Computer Science and Engineering

Electronics and Communication Engineering

Civil Engineering

BTech (Full time - 4 years)

Information Technology

Textile Technology (Fashion Technology)

Master's Degree

MBA (Master of Business Administration (Full time - 2 years))

MCA (Master of Computer Applications (Full time - 3 years))

ME / M.Tech (Full time - 2 years)

Computer Science and Engineering

Power System Engineering

Product Design and Development

Engineering Design

Communication Systems

Power Electronics and Drives

Software Engineering

VLSI Design

Doctoral Degree (PhD)

Mechanical Engineering

Electrical and Electronics Engineering

Electronics and Communication Engineering

Computer Science and Engineering

Information Technology

Civil Engineering

Fashion Technology

Physics

Chemistry

Mathematics

English

Management Studies

Computer Applications

ISO 9001 : 2008 Certificate

Sona College of Technology has been awarded the ISO 9001 : 2008 Certification by Bureau Veritas Certificate - India Ltd International (BVCI) on the basis of its commitment to provide quality education. This is a standing testimonial for the institution's efforts to offer world-class technical education to students across the globe. This is a direct result of Sona's credible and comprehensive Quality Management System for infrastructure development, educational planning and teaching methodologies for the holistic development of the students.

Accreditation

Sona is happy to mention the accreditation of the following programmes by National Board of Accreditation (NBA), AICTE, New Delhi:

UG Programmes (BE/ B.Tech)

- Mechanical Engineering
- Electrical and Electronics Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Information Technology
- Civil Engineering

PG Programmes (ME, Management Studies and Computer Applications)

- Product Design and Development (ME)
- Communication Systems (ME)
- VLSI Design (ME)
- Power Electronics and Drives (ME)
- Power System Engineering (ME)

- MBA
- MCA

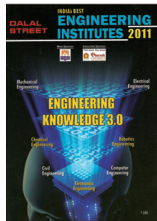
Other UG and PG programmes are in the process of acquiring NBA's educational quality credentials.

SPECIAL ACHIEVEMENTS



RANKED
5

Among all Engineering Colleges in Tamilnadu by **"Competition Success Review"**



ONE AMONG TOP
10

One among Top 10 Engineering Institutions in Tamilnadu by **"Dalal street", 2011**



ONE AMONG TOP
10

One among Top 10 Engineering Institutions in South India by **"Silicon India"**



RANKED
7

Among Private Colleges from Tamilnadu in the list of Top-75 Professional Colleges in India by **"Out look", 2011**



RANKED
17

Among Top-50 Private Engineering Colleges in India by **"Electronics For You", 2011**



RANKED
AA+

One among Top Govt & Private affiliated Institutions in Tamilnadu, 2011 by **"Careers 360"**



RANKED
14

Among all private Engineering Colleges in India by **"The Sunday Indian" 2011**

STAFF

The Principal, Dr. P. Govindarajan, with wide experience in engineering education, both academic and administrative, for over 38 years, leads the team of highly dedicated and motivated faculty, who enjoy their work with love for their profession. Also, he encourages the staff to contribute to research and development, consultancy services to industry and the society at large.

STUDENTS

Students are made to realise their potential for self-development so as to become better persons in terms of physical, emotional, intellectual, aesthetic and moral well-being and character. They also enhance their knowledge through the following opportunities:

- Industrial visits, Project work
- Technical seminars, Workshops
- Paper presentations
- Intra and Inter collegiate activities
- NSS, NCC, YRC, EDC and NSO Wings

Suggestions from students in person or through suggestion boxes are given prompt attention to enhance the quality of the teaching - learning process. Students' feedback on faculty members' performances are also analysed and suitable actions are taken to improve the quality of education.

ADMISSION CELL – Dr. K. KARUNAKARAN  4099 998

Sona, with its splendid on-campus facilities, has become a leading educational destination for engineering aspirants. The admission cell has the responsibility of executing all the

processes related to admissions under Management quota, Single Window System, Lateral Entry and transfer of seats.

Sona is now emerging as a leading educational destination for international students across the globe (about 150 foreign national students from 14 countries) because of its reputation, recognition and the cross-cultural flavour.

The International Relations and Admission Cell recruits international students through various promotional activities like participation in International Education Exhibitions, coordinating with the Foreign Ministries of Education and Indian Embassies abroad, signing MoUs with the recruitment agencies and service providers. Also, the cell takes care of the welfare of the international students throughout the course of their study.

TRAINING AND PLACEMENT - Mr. C. Karuppan Chetty

: 4099 966

The Training and Placement Cell functions with the primary aim of placing students in top-notch companies during the course of their study. Prior to placement, the TP cell takes considerable efforts to train the students to come up to industry expectations.

The objectives of the TP cell are manifold. They include:

- Developing the communication skills of the students
- Developing their soft skills for facing the competitive interviews
- Motivating them to develop their overall personality in terms of career planning, goal setting and reskilling, qualities that will stand them in good stead at their work places.

- Motivating students to go for higher studies and guide them to take competitive exams such as CAT, GATE, TOEFL, GRE, GMAT and IELTS and civil services.

RESEARCH CENTRES

Centre for Nano Materials / Micro Machining (CNM/CMM) –

Prof. R. Sasikumar, Mech

☎: 4099 716

Development of nanostructured materials and coatings, nano composites, Metal Matrix Composites (MMCs) and development of micro machining set-up for manufacturing micro-features in components.

Centre of Excellence in Robotics and Nonlinear Dynamics –

Dr. M. Thangavel, Mech

☎: 4099 704

To design and develop robotics systems for space exploration, defence application, and nuclear system maintenance.

To design and develop nonlinear tools/models for modelling and analysis of space robotic systems, textile machinery, missile guidance, biomechanical/biomedical systems, and nuclear system dynamics.

SONA SPEED (Sona Special Power Electronics and Electric Drives)

– Prof. N.Kannan, EEE

☎: 4099 730, 724

To design and develop special motors and drive electronics for aerospace applications.

SONA PERT (Sona Electric Power Engineering Research and Testing centre) – Prof. S. Padma, EEE

☎: 4099 729

To design and develop innovative technologies applied to testing and condition monitoring of electric power apparatus and high voltage systems.

SONA SIPRO (Signal and Image Processing Research Office) –


Dr. R.S.Sabeenian, ECE

: 4099 774

To specialise in the processing of data delivered by electronic eyes and to obtain reliable information from the millions of data.

Centre for VLSI and Embedded SoC (CVES) – Dr.K.R.Kashwan, ECE


(PG)

: 4099 877

To develop intelligent electronic appliances using EDA/ANN tools, offer training in EDA- XILINX, MATLAB and CCS/Cadence and guide PhD research and projects in VLSI Design based FPGA.

SONA NET (SONA Network Computing Research Centre) –


Dr. M.Usha, CSE

: 4099 741

To conduct research in computer networking including wireless sensor networks, mobile networking and communication protocols. In addition, the centre aims to develop innovative tools, protocols and products in these areas.

SONA MINE (Centre for Data Mining and Database System Design)

– Dr.B.Sathiyabhama, CSE

: 4099 744

To develop pioneering tools and models applied to database change and data mining.

SONA Web (Centre for Web Services and Development) -

Dr. J. Akilandeswari, IT

: 4099 755

To cater to the needs of the society for the development of interactive, intelligent internet applications, to develop website for organisations, to carry out research in the field of web and to provide training in different web technologies.

SONA FOSS (Centre for Research and Development of Free Open Source Software) –Prof.B.Saravanen, IT ☎: 4099 855

Developing projects using open source technologies, based on industry needs and problems and to promote open source awareness to students and nearby industries.

SONA CTC (Centre for Study on Concrete Technology) – Prof. P.M. Shanmugavadivu, Civil ☎: 4099 762

To undertake research in concrete technology and for the development of green building materials and publish papers in reputed journals.

SONA REACH (Centre for Research in Textiles / Garments and for Extension Activities) – Dr.C.V.Koushik, FT ☎: 4099 833

To pursue research and development work in emerging areas of textile and garment technology and to facilitate outreach initiatives like industry-academia interaction, testing, consultancy, continuing education, etc.

DATA SECURITY - Centre for Data Security using Steg-Biometric Systems – Dr.G.M.Kadhar Nawaz, MCA ☎: 4099 825

To promote research activities in data security using biometric systems.

SONASTARCH (Sona Science Centre for Testing and Applied Research) – Dr. K.Karunakaran, Sciences ☎: 4099 997

To render scientific and technological services to industry, to transfer technology to small and medium enterprises, to offer PhD programmes in Chemistry.

RAINFALL AND RADIO WAVE PROPAGATION (Centre for Study on Rainfall and Radio-Wave Propagation- CRRP) –

Dr.RajaSri Sen Jaiswal, Physics ☎: 4099 798

To find out the dynamics of rainfall and its effects on radio-wave propagation and to create a centre of excellence in the field.

Centre for Photonics and Nano-Technology (PAN) – Dr. S. Saravanan, Physics ☎: 4099 796

To fabricate semiconductor micro and nano-structures on GaAs substrates by strain-driven self-assembling technique for monolithic integration of optical devices and sensors.

TRAINING CENTRES

Sona CAD/CAM Consultancy and Training Centre –

Mr. D. Suresh Babu, Mech ☎: 4099 714

Offers CAD/CAM based consultancy works and short terms courses.

Software: CATIA, Pro/E, Solidworks, Ansys, AutoCAD etc.,

Machineries: CNC Lathe FANUC, CNC Wire Cut EDM, MasterCAM.

SONA PCT (PCB Design, Fabrication and Training Centre) –

Mr. B. Prasad, ECE ☎: 4099 779

To provide industry-oriented training in PCB design, fabrication, assembling and testing and also have tie-up with growing electronic industries making PCBs

CISCO Local Networking Academy – Prof. B. Saravanan, IT

☎: 4099 855, 756

To offer training for CISCO Certified Network Associate (CCNA), CISCO Certified Networking Professional (CCNP) and IT Essentials, the industry's most respected certifications.

IBM Centre of Excellence – Prof.B.Saravanan, IT ☎: 4099 855

To offer training in the best available software like WSAD, WAS and DB2, with continued access to further application of IBM's breakthrough technology.

LINUX Training Centre – Mr. M.Saranraj, CSE ☎: 4099 754

To offer training in LINUX essentials, system administration, network and security.

Oracle Training Centre – Dr.J.Akilandeswari, IT ☎: 4099 755

To offer Oracle DBA Training Programmes.

Centre for Infosys Campus Connect Programme – Prof. B. Saravanan, IT ☎: 4099 855

To facilitate students' knowledge in the basics of IT and computer science skills and make them employable.

Sona School of Multimedia Technology – Prof.P. Suresh,

Sonaversity ☎: 4099 996

To offer short-term courses in Desktop Publishing, Graphics Designing, 2D and 3D Animation that focus more on industrial training with real time projects.

Sona Continuing Education Centre – Mr. A.Venkatesan, SCEC

☎: 4099 895

To offer various technical and special courses under continuing education scheme and enhance the knowledge of students and professionals in this region.

Centre for Social Responsibility Initiatives – Mr. P.Ragupathi

☎: 4099 308

To offer short-term formal and non-formal vocational training programmes, to increase the accessibility to the public, to improve their vocational skills and inculcate ability and productivity among growing sectors.

Centre for Training and Development (SONATRIN) -

S.K. Sanmugasekar

☎: 4099 899, 894

To train the faculty and academic staff enabling them to provide high quality service across integrated missions of instruction, training and research.

To effectively utilise the vast human and intellectual resources towards the professional development of the individuals and to enhance the standard of instruction and training.

To provide opportunity for the faculty members to learn different methods and techniques available for improving and upgrading the effectiveness of teaching.

CONSULTANCY AND TECHNOLOGY DEVELOPMENT CENTRES

SONA Bean (Java Consultancy and Development Centre) –

Prof. K.Perumaal, SONABEAN

☎: 4099 759

To focus on research initiatives to assimilate knowledge and disseminate it, and to create a Technical Architecture Repository and offer Java based software development services using the best industry practices.

SONA ERD (Centre for Study of Earthquake Resistant Design) –

Prof. K.Prasad Babu, Civil

☎: 4099 766

To undertake research in the development of earthquake-resistant design and offer specialised courses related to this field.

SONA FLAIR (SONA Foreign Language Instruction and Research Centre) – Dr. M. Renuga, English

☎: 4099 780

To facilitate the learners' English knowledge, develop communication skills in English, offer training in soft skills and promote foreign language learning.


To carry out research in the areas of language teaching both in terms of technical advancement and teaching methodology.

SONAVERSITY – Prof.PSuresh

: 4099 996

To develop quality computer-based learning resources (LRs) using appropriate software tools for making the learning process easier and enjoyable.

Centre for Business Transformation – Prof. D. Immanuel , MBA

: 4099 811, 817

To offer consultancy services in the area of business management.

To offer Management Development Programmes (MDP) and Faculty Development Programmes (FDP) in various specialisations of Management Education.

PUBLICATION CENTRE

Centre for Research and Publication in Business Management –

Dr. L. Shankari, MBA

: 4099 816

To promote research, development and publication activities in the areas of business and management.

Sona Journal Publication Centre - Dr. M. Renuga, English : 4099 780

Title of the Journal : SONALESA

To promote research, development and publication activities in the areas of language, science and technology.

INSTRUCTIONAL FACILITIES

The excellent facilities at the college include:

- A sprawling campus with easy reach to any part of Salem
- Bright and airy class rooms
- State-of-the-art laboratories
- Industry-Standard Training Centres
- Well-stacked library
- Homely hostel facilities
- Sophisticated computer centres
- Wi-Fi Campus
- Education through Multimedia, Internet and Satellite
- Multimedia Language Laboratory
- Continuing Education Centre
- Spacious sports facilities
- Gymnasium, Golf and Billiards
- Medical facilities
- Yoga and Meditation Centre
- An indoor Swimming Pool
- Advanced R & D Centres
- Well-equipped workshop, Auditoria, Seminar and Conference Halls

In addition to this, the students have plenty of opportunities for taking advanced and specialised courses through the study centres of Indira Gandhi National Open University, Tamilnadu Open University and the Canada India Institutional Co-operation Project.

CO-CURRICULAR ACTIVITIES

NSS



Mr. P. Iyyanar
Prog. Officer - Unit I
☎: 4099 883



Mr. A. Murugesan
Prog. Officer - Unit II
☎: 4099 883



Mr. K. Saravanan
Prog. Officer - Unit III
☎: 4099 883

The NSS unit has socially responsible students who participate in the activities of the cell with verve and a deep sense of service. With the unwavering support of

the management, the cell further enhances the social spirit through seminars on personality development, various awareness programmes, rally, helping hand and visit to orphanage, trekking, tree plantation and NSS special camp at the adopted villages and donation of eyes and other organs.

The Blood Donor's Club, under the aegis of the NSS unit, registers members who are interested in blood donation. The members earnestly search for opportunities and donate blood.

NCC



Lt. R. Vikrama Prasad
NCC Officer
☎: 4099 805

Sona College of Technology is committed to social and national responsibilities. Bearing this in mind, the NCC Signal Coy for boys and Army Wing for girls have been functioning since 2004-05. The Sona NCC Wing fine tunes the personality of a person in total, and equips him/her mentally to face the various challenges he/she may encounter in life. Besides, the NCC cadets are presented with a plethora of job opportunities in reputed government and public sectors.

The NCC programme provides ample opportunities to the cadets by way of conducting firing camps, drill practices, personality development and voluntary service programmes and social activities like the national disaster relief operations, all of which are much appreciated.

YRC



Mr. N. Sampath Kumar
Prog. Coord. - YRC
☎: 4099 803

The Red Cross is a non-religious, non-political and non-sectarian international body meant for humanitarian services. It is a part of the Indian Red Cross Society. It was inaugurated in August 2003 with well-defined objectives such as protection of health and life, service to the sick and the suffering people by organising various health camps such as eye camps, vaccination camps, mass immigration, health awareness, AIDS eradication programme etc.

AMENITIES CENTRE

SPORTS CENTRE

The Sports Centre has been established to offer facilities for the betterment of the health and well-being of the staff and student community. The Sports Centre includes the swimming pool, indoor sports complex, billiards, sports grounds for cricket, football, hockey, basketball, tennis, ball badminton and gym.



Mr. N. Ganapathy
Director of Physical Edu.
☎: 4099 911

SONA HEALTH CENTRE

The Health Centre of Sona has a full-fledged dispensary functioning from 9.30 a.m to 2.00 p.m and 4.30 p.m to 6.30 p.m. More than 500 students and 50 staff members derive the benefits of this facility every month.

SONARIA

The Music Club of Sona was established and inaugurated in January 2001. The Music Club is equipped with the state-of-art musical instruments and its activities include training students in various areas of music, conducting music programmes on and off the campus and organising music courses. The Music Club has highly-talented and experienced music teachers both for vocal and instrumental music.



Mr. S. Jayachandran
Sonaria
☎: 4099 914

CAFETERIA

Inside the sprawling campus of Sona, there are three cafeteria that function well to serve hygenic vegetarian food items to students and staff members.

STUDENT ASSOCIATIONS AND CLUBS

SONA ALUMNI ASSOCIATION

The association functions as a nodal agency for maintaining liaison with Sona alumni and to involve them in the development and growth of the institution. It promotes and encourages the alumni to exchange professional knowledge by undertaking and facilitating conferences, seminars, lectures and meetings amongst alumni, students, faculty and others. Alumni Day is celebrated every year at the departmental level.

SONA FINE ARTS ASSOCIATION



Mrs. V. Vijayalakshmi
Fine Arts Association
(English) ☎:4099 781



Mr. A. Alfred Leo
Fine Arts Association
(Maths) ☎:4099 784



Miss. I. Abinaya
Fine Arts Association
(Maths) ☎:4099 781

Inaugurated in the year 1997, the association helps in exploring the hidden talents of the students and offers them umpteen opportunities to

unearth their potential. SONATA, a cultural festival organised every year, includes events from arts and literature and kindles the sprit of the members of the Sona family.

WOMEN'S DEVELOPMENT WING

Development in any sphere of life is possible only by involving women. Women have been the pioneers in all fields right from household affairs to research programmes in science and technology. To unravel the latent talent and ignite the spark of innovation and development, the Women's Development Wing organises several activities like



Ms. Suhana Nafais
Womens Dev. Wing
☎:4099 820



Ms. M. Sri Vidhya
Womens Dev. Wing
☎:4099 830

guest lectures, seminars, etc. The club, with its myriad programmes, fine tunes the Sona girl students into entrepreneurs and achievers.

SPORTS CLUB

Sona College of Technology offers a plethora of opportunities to the staff and students to stay fit and fine both mentally and physically. The various indoor and outdoor games facilitate rejuvenation to the mind, body and soul. Students have bagged several awards at district, state, national levels thereby escalating the status of the college.



Dr. K. Karunakaran
Sports Club
☎: 4099 998



Mr. G. Kasiviswanathan
Sports Club
(Office) ☎: 4099 907

TAMIL MANDRAM



Mr. M. A. Manikandan
Tamil Mandram &
International Students Club
☎: 4099 820



Mr. B. Venkatesh
Tamil Mandram &
(Maths) ☎: 4099 785

Literature encompasses a wide range of knowledge. Tamil literature especially is a beautiful realm of exploration to unravel the immense wealth of science and technology. The club

proposes to unleash the grandeur of Tamil culture, individual attitude and development.

GD, APTITUDE AND IQ CLUB

“Great minds have purposes, others have wishes” - Washington Irving. When we trace back the success stories of great personalities, we learn that they had a burning desire to succeed. This driving force was the result of their positive attitude. They

proved themselves to be successful despite odds in life by updating their knowledge. In order to make the student community become the twinkling stars of knowledge dissemination, the GD, Aptitude and IQ Club organises activities like group discussion, quizzes, brain teasers, logical reasoning and JAM sessions to bring out the excellence in students.



Mrs. K. Ponalagu
GD, Aptitude and IQ Club
☎:4099 784



Mrs. S.R. Latha
GD, Aptitude and IQ Club
☎:4099 784

ENGLISH LITERARY CLUB



Ms. G. Sarathalakshmi
English Dev. Club
☎:4099 781



Ms. M. Saraswathy
English Dev. Club
☎:4099 781



Ms. Shaheen Banu
English Dev. Club
☎:4099 781

The mantra of today's existence is 'survival of the fittest' and communication skills is an indispensable package in

the career building process. The English Literary Club aims at offering quality service to students to develop their overall personality. Group discussions, debates, oral presentations, role plays, interview techniques, poetry writing, etc, offer a plethora of opportunities to the students to develop their talent. The untapped potential therefore gives them a facelift to take on the ever challenging world of productive activity.

SCIENCE CLUB

Today's world is ruled by science and technology. Advancements in science are making rapid strides and India ranks among the best in scientific research and innovation. Whether it is space technology or exploring new vistas in scientific knowledge, India's contribution is outstanding.



Dr. V. Balasubramanian
Science Club
☎: 4099 792

Students of today will turn out to be the scientists and technologists of tomorrow. Bearing this in mind, the Science Club, established primarily for the freshers of the BE/BTech programmes, aims to single out the budding Abdul Kalam and Kalpana Chawlas through exciting

competitive events.

TREMORS CLUB

This club, a student initiative was started for making Salem a better place to live in.

The main objective of the group is to address the environmental and some of the most important socio-economic problems which are hampering the overall growth of our city.

So far, we have been considering Salem as our mother and have been getting everything from her but atleast from now on, let us consider her our daughter and give her everything.



Mr. S. Lakshmanakumar
Tremors Club
☎: 4099 701

TECHNICAL SOCIETIES

The chapters of the following technical societies at Sona encourage innovative ideas, enable sharing of knowledge and facilitate career enhancement among staff and students:

- **ISTE** • **IEEE**
- **CSI** • **SAE**

With all the above mentioned strengths, SONA aims to reach higher peaks of glory. As a poet said, "A man's reach should exceed his grasp, or what is Heaven for?"

AWARDS AND SCHOLARSHIPS

OBJECTIVE

To encourage and motivate students to attain academic excellence

Rs. 300 cash award (semester wise) will be given to those who have:

96% attendance

80% marks in weekly tests

A boy student and a girl student of the final year from each branch will be given the Best Out Going Student Award on the basis of his/her performance in curricular, co-curricular and extra-curricular activities.

SCHOLARSHIPS

The following scholarships are available for the benefit of students:

1. Management Scholarships

The Management Scholarship, in memory of our Founder Chairman, is awarded to the students on the basis of their financial background, academic performance and their character in each of the following categories:

a. Merit Scholarships

b. Merit cum Means

c. Sports Scholarship

d. Special Scholarships:-

- Students who are widows, physically challenged and wards of deceased/ serving defense personal.

- Students in NSS, NCC, YRC, RRC.
receive the above mentioned scholarships.
2. Government of Tamilnadu Scholarships for BC/MBC and SC/ST Students
 3. AICTE's Tuition Fee Waiver for 5% meritorious students
 4. Tamilnadu Scholarships for First Graduate students
 5. Central Sector Scheme of Scholarship - 80% and above Marks in HSC
 6. Farmers Security Scheme – Scholarship to eligible wards of farmers
 7. Minority Scholarships for christians and muslims
 8. TN National Teachers Welfare Fund to the wards of teachers
 9. Tamilnadu Educational Trust, Chennai
 10. TN Merit scholarship for SC/ST students (Highest mark in Engineering)
 11. TN Merit scholarship for students who studied in corporation schools.
 12. Private Scholarships
 - Charitable Trusts.
 - Communal Scholarships from their Association.
 - Private Companies- ONGC, TITAN, BRILA, NTPC, IOCL, etc.

RULES AND REGULATIONS

COLLEGE

I. WORKING HOURS

1st Year: Morning : 08.45 am - 12.35 pm
 Lunch Interval : 12.35 pm - 01.35 pm
 Afternoon : 01.35 pm - 04.35 pm

2nd, 3rd, 4th year:
 Morning : 09.00 am - 12.55 pm
 Lunch Interval : 12.55 pm - 01.55 pm
 Afternoon : 01.55 pm - 04.50 pm

Office

 Morning : 09.30 am - 01.30 pm
 Lunch Interval : 01.30 pm - 02.30 pm
 Afternoon : 02.30 pm - 06.30 pm

II. RULES

1. Students should wear ID CARD inside the campus.
2. Students should not disturb the classes by unnecessarily making noise, standing on the corridor, lounge, etc.
3. Students are strictly forbidden from smoking anywhere in the campus.
4. Students are not allowed to use mobile phones anywhere in the campus.
5. Students are allowed to organise or attend any meeting in the institution or outside only with the prior permission of the Principal/HOD.

6. Students may use two-wheelers of capacity less than 100 cc only. They should have valid driving licence and should ride within the speed limit of 10 km/hr within the campus. Students should wear safety helmets.
7. Students should handle college property carefully without causing any damage.

III. ATTENDANCE AND LEAVE RULES

ATTENDANCE

1. Staff members shall take attendance at the beginning of each period.
2. A student who is not in the class room when the attendance is taken shall be marked absent.
3. Student attendance will be computed at the end of every month and indicated in the progress report and also put up on the notice board.

A minimum of 75% attendance is required to appear for the university examinations. Students who do not have the minimum attendance will not be allowed to appear for the university examinations.

LEAVE

1. Students should attend the classes regularly.
2. However, leave of absence for valid reasons only will have to be obtained from the Class Counsellor in advance. In case of sickness, a medical certificate should accompany the leave application that is submitted upon return from illness.
3. Attendance shall be calculated on the basis of periods i.e. in terms of the lecture or lab periods attended.

Attendance at the examinations and weekly tests is compulsory. Absence from the tests will affect the sessional marks awarded as internal assessment by the staff members concerned.

HOLIDAYS: All Sundays, afternoons of all Saturdays and holidays notified by the college.

IV. DRESS CODE FOR STUDENTS : As good dressing adds tremendously to our personality and reflects our general attitude to life and work, it is necessary that we are well dressed at college. A well dressed person conveys an air of seriousness and good purpose; a sloppily dressed person conveys an air of casualness.

Developing a good dress sense as a habit during the college days will not only add to the reputation of the college but also prove beneficial for the students in their professional life.

All the students of the college are therefore to follow the formal wear strictly.

FORMAL WEAR FOR ALL COLLEGE FUNCTIONS

BOYS: Uniform shirt and trousers with tie, blazer and shoes

GIRLS: Uniform shirt and trousers plus blazer.

All the staff members are requested to allow students into the regular classroom ONLY IF THEY ARE IN FORMAL EVERYDAY WEAR.

**Wearing T-shirts, Jeans and rubber slippers,
are not permitted.**

LIBRARY

LIBRARY

The library has an excellent collection of books, journals and other learning materials in Science, Engineering, Technology, Humanities, Social Sciences and Management. It maintains separate collections of reference books, standards, bound volumes of journals, technical reports, theses, video cassettes and compact discs. The library also has an impressive audio-visual collection of video cassettes, CDs, DVDs & NPTEL course materials etc. The library uses Auto Lib OPAC (on line public access catalog), thus permitting users to search the library's online catalogue by author name, title, subject and key words available on the campus LAN.

The total collection of the library is as follows:

Resources	Numbers
Books	63,460
CDs and videos	2259
Bound volumes of journals	1983
Reports/standards	2932
Photocopies	212
Total collection	70,846
Current journals of subscription	290
ACE, IEL and ICE Digital Library.	
NPTEL Video courses on HDD.	

LIBRARY RULES

Perfect silence should be maintained in the library

A UG student will be issued a maximum of 5 books and a PG student a maximum of 6 books at any time.

Books will be issued only against the production of the barcoded ID card.

- Students can keep the text books for one semester.
- Students should not lose or cause damage to the books, magazines or other property of the library.
- Reference books, magazines, journals and dailies should not be taken out of the library.
- Use of the mobile phone inside the library is strictly prohibited.
- Students who leave the college for any reason in the middle of the term should return the library books in their name before they leave the college.
- Writing or underlining passages in a book or tampering with books in any manner is strictly prohibited.
- Students may give their suggestions regarding the overall improvement of the library and record them in the suggestion book kept in the library.
- Students who wish to refer to or borrow books not available in the library may give details of the books to the librarian.

The library will be kept open from 8.00 a.m. to 8.00 p.m. on all working days and from 10.00 a.m. to 5.00 p.m. on Sundays.

HOSTEL

ACCOMMODATION

Separate hostel facilities are available for boys and girls. The hostel provides accommodation for as many students as possible. Every room is well furnished with table, chair, cot and fan.

MANAGEMENT OF THE HOSTEL

The hostel is managed by a committee consisting of:

- a. Senior Deputy Warden
- b. Deputy Wardens
- c. Asst. Wardens
- d. Residential tutors
- e. Mess representatives

ADMISSION

Application for admission to the hostel shall be made in the prescribed form. Fees particulars can be obtained from the hostel office.

STUDY HOURS

Everyday from 8.00 p.m. to 10.00 p.m, the students should engage themselves in intensive study. After the study hours, they shall continue to honour the hours of silence until 6.00 am the next morning.

DISCIPLINE

All the members of the hostel are required to maintain strict discipline.

1. Students can visit their native places only after obtaining written permission.

2. Girl students should return to the hostel by 6.30 p.m after class hours and boy students should return to the hostel by 7.30 pm after the class hours.

MESS

The hostel provides only vegetarian meals and students will not be permitted to bring non-vegetarian food items to the hostel premises.

Annexure II

Feedback Analysis from Stakeholders

The college has formal procedures to obtain feedback from Alumni, employers, parents and students.

The major points derived from the feedback analysis are listed here.

Alumni

- Alumni feedback is used for assessment of PEOs since they have intimate knowledge of the program and also have experience in industry
- Technical training has to be given in order to strength the basic concepts on their respective field.
- Alumni suggest their juniors to take some certification courses to improve their technical knowledge.

Employers

- Employers gave a positive feedback about our student's team work, communication, problem solving and logical solving skill
- Employers rate that the oral and written communication of our students is excellent.

Parents

- Parents appreciated the Class counsellors for their effort taken to guide their wards and also the Faculty advisors for the counselling given to their wards
- They also expressed their satisfaction towards the student information system (MIS), facilities and infrastructure of the college
- They expressed that the Parent Teachers meet is very useful and expect to continue in future

Students

- Student feedback during the board of studies meeting is taken into consideration on framing the new curriculum.
- Majority of students have reported that the teaching, placements and research activities of the college is excellent



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