

SONA COLLEGE OF TECHNOLOGY

Learning is a Celebration !

| An Autonomous Institution |



ANNUAL QUALITY ASSURANCE REPORT 2015 - 2016

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BANGALORE

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year (*for example 2013-14*)

2015-2016

I. Details of the Institution

1.1 Name of the Institution

SONA COLLEGE OF TECHNOLOGY

1.2 Address Line 1

SONA NAGAR

Address Line 2

THIAGARAJAR POLYTECHNIC COLLEGE ROAD,
SURAMANGALAM (PO)

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. V. JAYA PRAKASH

Tel. No. with STD Code:

0427-4099919

Mobile:

9443366495

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHC0GN 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)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.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

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 2014-15 Submitted to NAAC on 15/02/2017**
- 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="checkbox"/>	UGC-CPE	<input type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox"/>	DST-FIST	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input type="checkbox"/>	Any other (<i>Specify</i>)	<input type="checkbox"/>
UGC-COP Programmes	<input type="checkbox"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="8"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="10"/>
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="29"/>
2.10 No. of IQAC meetings held	<input type="text" value="4"/>

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. Quality Enhancement and sustenance
2. Quality Standards

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 2015-2016.

1. To introduce choice-based credit system in the autonomous curricula for all programmes
2. To encourage faculty members to take-up research projects, consultancy and extension activities
3. To provide Moodle training for all faculty and to implement online teaching-learning, tests and assignments using Moodle and to ensure the establishment of one smart classroom to enhance the teaching-learning process.
4. To instil the sense of social responsibility in students through NSS, NCC, YRC and other student club activities.
5. To enhance the MIS with additional features
6. To enhance the security system in the campus

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 training programmes for teaching faculty
Incorporating the Choice Based Credit System in the autonomous curricula
Conduct a national conference, seminars and guest lectures
Enhance the teaching- learning process
Enhance the security system in the campus
Internal Quality Auditors Training
Conduct academic audits
Monitor students performance and counsel each student individually
R&D Activities
Organise extra-curricular activities through NCC, NSS, YRC
Sports Activities

** Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Funds to be received for R&D from UGC, AICTE & DST
Permanent tie-up with industries
Tie up with foreign universities for viable short term courses

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	13	-	13	-
PG	12	02	14	-
UG	07	-	07	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	32	02	34	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	34
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.

Yes. Sona Autonomous Regulations 2015 (incorporating the Choice Based Credit System) was approved by the Academic council and implemented for all UG and PG programmes. for the Academic Year 2015-16.

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

Yes. New PG Courses were introduced in Academic Year 2015-16:

- (i) ME in Industrial Safety and Engineering in Mechanical Engg Department and
- (ii) ME in Construction Engineering and Management in Civil Department

New Centres were established in 2015-16:

- (i) Centre for Excellence in Industrial Automation was introduced in EEE Dept.
- (ii) Sona Centre for Advanced Organic Materials and Sona PURE Research Centre was introduced in Chemistry Dept.
- (iii) Centre for Research in Textiles/Garments and Extension Activities was introduced in FT Dept.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
336	246	53	37	NIL

2.2 No. of permanent faculty with Ph.D.

92

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
13	13	1	1	1	1	NIL	NIL	15	15

2.4 No. of Guest and Visiting faculty and Temporary faculty

NIL	NIL	NIL
-----	-----	-----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	81	48	31
Presented	98	41	0
Resource Persons	9	14	6

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

- Students are provided with opportunities to learn through lecture sessions by experts in different fields through NPTEL.
- 8000 user-licenses for Blackboard Learning Management Software are available on the campus for use by faculty and students. Lectures, assignments, videos, animation, etc. related to the courses are uploaded in addition to the quizzes posted on the Blackboard platform.
- Faculty members are also encouraged to take on-line courses offered by NPTEL, Coursera, etc. to upgrade their knowledge and thereby enhance the teaching-learning process.
- Lecture-Capture Systems (LCS) are installed in at least one classroom per department. More installations are in the pipeline. The lecture sessions are posted (after necessary editing) on the LCS portal for viewing by students any number of times.
- Students who excel in their studies are appointed, with remuneration, as Peer-Teachers to enhance the learning of their classmates who could do with additional coaching.
- Students with a bent for research are attached to researching faculty as assistants in ongoing research projects to provide them with an opportunity to channelize their research potential.

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

183

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

Online Multiple Choice Questions

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

97

52

10

2.10 Average percentage of attendance of students

91

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)	152	27.6	64.5	4.6	NIL	96.7
ECE (PG)	CS	12	100	NIL	NIL	100
	VLSI	27	62.9	37.03	NIL	100
EEE (UG)	144	33	53	NIL	NIL	86
EEE (PG)	PSE	15	87	13	NIL	100
	PED	12	92	8	NIL	100
MECH (UG)	226	9.29	80	1	NIL	90.26
MECH (PG)	ED	18	100	NIL	NIL	100
	PDD	16	100	NIL	NIL	100
CIVIL (UG)	164	14	61	11	NIL	86
CIVIL (PG)	24	37.5	62.5	NIL	NIL	100
CSE (UG)	153	24	73	NIL	NIL	97
CSE (PG)	CSE	18	50	50	NIL	100
	SE	14	29	71	NIL	100
IT	141	15.6	69.5	8.9	NIL	94
FT	69	10	75.3	4.57	NIL	89.87
MCA	141	40.43	59.57	NIL	NIL	100
MBA	18	62.03	17.12	NIL	NIL	97.33

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

The college has standard pedagogical practices. The Faculty Record Book (FRB) where the lesson plan, course outcomes, programme outcomes, course delivery details, list of resources developed, etc. are documented, serves as a record of all the academic activities.

The FRBs are regularly monitored by the HODs. The effectiveness of the process is then assessed by the IQAC team.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	39
UGC – Faculty Improvement Programme	4
HRD programmes	36
Orientation programmes	28
Faculty exchange programme	0
Staff training conducted by the university	45
Staff training conducted by other institutions	54
Summer / Winter schools, Workshops, etc.	99
Others	29

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	113	3	3	NIL
Technical Staff	106	2	2	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 all department has been constituted. This committee meets every week and discusses the various research schemes available and scrutinizes all proposals received from faculty for suitability to the concerned schemes.
- All faculty are encouraged to present their innovative ideas as research proposals, file patents on innovative research, publish papers in journals / conferences; the research committee members help and guide them in this initiative.
- Faculty involved in funded research projects are lauded with appreciation certificates and cash awards.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	18	11	12
Outlay in Rs. Lakhs	17.3	296.55	293.63	278.71

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	5	1	1
Outlay in Rs. Lakhs	3.56	5.31	0.8	0.4

3.4 Details on research publications

	International	National	Others
Peer-Reviewed Journals	165	11	-
Non-Peer Reviewed Journals	22	-	-
e-Journals	59	-	-
Conference proceedings	62	31	-

3.5 Details on Impact factor of publications:

Range 0.18 - 8 Average 1.7 h-index 24 Nos. in SCOPUS 87

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	3	DST – (WTP)	30.10	-
	3	DST – (FIST)	30	15
	1	DST	72.63	-
	5	DST	30	-

	3	AICTE CAYT	3.3	1.18
	5	DST – FIST	42.59	-
	3	DST - SEED	41.63	-
	1	FSA – Agri	5	-
	2	IEI	1.5	1.5
	3	DST	22.55	-
	2	UGC	14.42	14.42
	2	DST-IDP	14.24	9.14
	2	ISRO	19.84	14.64
	3	DST	24	19
	4	AICTE – RPS CPRI – RSOP NIOT	41.92	35.92
Minor Projects	2	IEI	0.6	0.6
	2	IEI	0.75	0.75
	1	UGC	1.2	1.2
	2	UGC	2.6	2.57
Interdisciplinary Projects	2	DST	-	-
Industry sponsored	1	VEE TECHNOLOGIES Indus Teqsite India (P) Ltd	11.96	11.96
		Vikram Sarabhai Space Centre Lakshmi Technologies & Engg. Industries (P) Ltd.	10.2	2.55
		Noorul Islam University, Nagercoil	40.5	10.3
			5	1.5
			23.07	20.74
Projects sponsored by the University/ College	2	SCT	1	1
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	490.6	163.97

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

3.20 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 State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

S No.	Programme	Sponsored by	Course Code	No. of candidates	Fee/ candidate Rs.	Total fee received Rs.
1	Industrial Garment Making	M/s SRC Ltd	09/14-15	30	7,895.00	2,91,600.00
2	Basics of Electrical & Plumbing	M/s SRC Ltd	01/15-16	14	7,895.00	1,72,884.00
3	Basics of Electrical & Plumbing (Batch II)	M/s SRC Ltd	01A/15-16	30	7,895.00	2,91,600.00
4	Basics of Beauty & Hair Dressing	Self supporting	10/14-15	18	12,000.00	1,72,820.00
5	Fashion Designing & Garment Making	-do-	02/15-16	18	14,000.00	2,56,104.00
6	Multiskilled Garment Making	M/s JSW Steel Ltd	03/15-16	30	7,500.00	2,13,750.00
7	Multiskilled Garment Making	M/s SRC Ltd	05/15-16	25	6,987.00	1,78,299.00
8	Basics of Electrical & Plumbing		04/15-16	25	6,987.00	2,20,000.00
9	Multiskilled Garment Making	SSP	06/15-16	30	9,000.00	3,14,303.00
10	Domestic House keeping	M/s SRC Ltd	07/15-16	30	5,240.00	1,80,000.00
11	Landscaping & Gardening	M/s SRC Ltd	13/15-16	14	7,860.00	1,83,200.00
12	Modern Animal Husbandry		12/15-16	50	1,397.00	88,000.00
13	Value Addition in Minor Millets Entrepreneurship		11/15-16	250	524.00	49,500.00
14	Entrepreneurship Dev Programme		09/15-16	50	2,794.00	33,000.00
15	Awareness on Disadvantages of Open Defecation		10/15-16	25	----	44,000.00
16	Basics of beauty culture and hair dressing	Self supportive	08/15-16	25	12,000.00	2,25,000.00
17	Sewing Machine Operator	Sona Yukti	15,16 & 17/15-16	30	4,500.00	3,00,000.00
18	Readymade Garment Making	M/s SRC Ltd	14/15-16	70	8,734.00	3,15,000.00
TOTAL				764		35,29,060.00

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	-		59509
Class rooms	109	4		113
Laboratories	85	-		85
Seminar Halls	11	-		11
No. of important equipments purchased (\geq 1-0 lakh) during the current year				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

Equipment Purchased details for the Academic Year 2015-16

S.No.	Department	2015-16	
		Equipment more than Rs.1 lakh (in lakhs)	Equipment purchased amount (in lakhs)
1	Civil Engineering	5.975	1.366
2	Mechanical Engineering	-	22.70
3	Electrical and Electronics Engineering	3.205	1.246
4	Electronics Communication Engineering	4.80	-
5	Computer Science Engineering, Information Technology, MCA	-	123.72613
6	MBA	-	0.51
7	Fashion Technology	-	-
8	Science & Humanities (Chemistry Laboratory)	-	-
9	Science & Humanities (Physics Laboratory)	-	-
10	Science & Humanities (General Engineering – Engg Practice Laboratory - ECE)	-	0.44
11	Science & Humanities (General Engineering – Engg Practice Laboratory – Civil & Mech)	-	-
Total Purchased Amount Rs in Lakhs		13.98	149.988

4.2 Computerization of administration and 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	87807	29089254	-	-	87807	29089254
Reference Books	3218	4262592	-	-	3218	4262592
e-Books	229	141918	-	-	229	141918
Journals	163	679487	-	-	163	679487
e-Journals	3	1432576	-	-	3	1432576
Digital Database (NPTEL)	3675	-	-	-	3675	-
CD & Video	2322	693838	-	-	2322	693838
Others (specify)	DELNET	11500	-	-	DELNET	11500

4.4 Technology Up-gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1460	18	50 Mbps	3				
Added	340	2	50 Mbps					
Total	1800	30	100Mbps	3				

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.

- **Moodle**

It is an open source learning platform designed to provide educators, administrators and learners with a **single robust, secure and integrated system** to create personalized learning environments

- **Blackboard**

SONA is the *first engineering institution in India* which introduced the Blackboard Learn software in the teaching learning process. *Blackboard Learn 9.1* is the proprietary software that provides virtual Learning Environment.

Blackboard provides access to learning materials and activities online (Assignments, Test, Survey, Collaboration etc.). Student and faculty members of institution can access the Blackboard services from any outside location by using a URL: <https://sonalearn.org> or use <http://172.2.2> within LAN.

All that is needed to access Blackboard from outside the campus is a computer with internet access and trusted certificate installed in it.

All the faculties and students are given training on the following topics by the respective coordinators of LMS.

- Content Creation and Sharing
- Creation of Assignment with Rubrics and Evaluation
- Evaluating the Assignment with Plagiarism check
- Creation of Online Test
- Collaboration Tools

Number of Blackboard training program	09
Number of MOODLE training program	06

Lecture Capture System

Our college has introduced a comprehensive video-based learning platform, the **Lecture Capture system**. This system offer easy, seamless integration to help faculties extend learning experiences outside of the classroom and provide relevant content to student.

Student and Faculty members of institution can access the service from any outside location by using a Public IP: <http://182.73.107.187/impartus/login.aspx> or use <http://172.21.1.2/imparus/login.aspx> within LAN.

All the faculties are given training on the following aspects of Lecture Capture system by the Imparts Team

- Usage of Audio and Video device while delivering lectures in the classroom
- Editing of captured videos and sharing them with students

Number of Lecture Video Capture training programmes organised	02
--	----

4.6 Amount spent on maintenance in Lakhs

1) ICT 11,46,209

S. No.	Item Description	Quantity	Amount (INR)
01	Blackboard Learn release 9.1 (Perpetual) AMC	8000 users	7,03,483
02	Impartus Lecture capture AMC (software and services)	10 Class rooms	4,42,726

2) Campus Infrastructure and Facilities + Equipment 2193855

CONSUMBALES & MAINTENANCE EXPENSES (APRIL 2015 - MARCH 2016)

S. No.	Item Description	Amount
1	Systems	219040
2	U.P.S	278650
3	Printers	59261
4	Networking	697720
5	Software	939184
Total Rs.		2193855

Total: **Rs. 33,40,064-00**

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Student orientation programme is conducted at the beginning of every academic year; the programme disseminates information on the various Student Support Services available in the college.
- The above information is also published on college website and prospectus. All enhancements are being notified to the students via the notice boards and intranet.
- Student grievance-alleviation mechanisms like anti-ragging committee, SC/ST standing committee is established in the college to support the students.
- Class committee meetings are conducted regularly to address academic or other classroom issues of students.

5.2 Efforts made by the institution for tracking the progression

- The examination system has inbuilt mechanism for monitoring the progression.
- Student performance is monitored through assessment tests
- Bucketing of students is done and special classes are conducted for them
- Suggestions posted in the suggestion boxes are discussed and appropriate action is taken on them.
- Holistic student development is also ensured through monitoring co-curricular and extra- curricular activities.
- Individual student counselling is assured through Faculty Advisors (FAs) who are allotted a small number of about 15 students each. The FAs counsel their wards periodically and the information is recorded in the report
- The academic progress report and attendance of all students are regularly informed to their parents via SMS.

5.3 (a) Total Number of students

UG	PG	PhD	Others
3914	923	62	-

(b) No. of other-state students

29

(c) No. of international students

126

Men	No	%	Women	No	%
	2746	56.1%		2153	43.9%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
454	530	17	3858	14	4873	399	519	16	3903	13	4850

Demand ratio: 1:2

Dropout 0.21%

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

The College had organized coaching classes for students to take up competitive exams like GATE, CAT, Public Service examinations, etc.

No. of student beneficiaries

64

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	12	CAT	2
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	34

5.6 Details of student counselling and career guidance

- All departments provide academic guidance and support to the students on a regular basis during mentoring sessions.
- Faculty Advisors in each department conduct regular counselling sessions for students on a one-to-one basis.
- Also we have counselling sessions and motivational talks, by inviting experts and professionals for the benefits of the students.
- Placement and Career Enhancement (including Soft Skills, Special Aptitude Training, communication skill development, group discussion, mock interviews) is included as a subject in the curriculum itself for the benefit of students.
- The college Placement and Training Centre caters to the needs of students in terms of providing job opportunities and guidance for pursuing higher education at national and international institutions.

No. of students benefitted

4822

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
179	540	540	447

5.8 Details of gender sensitization programmes

1. Inauguration for the year 2015 and a guest lecture on “PCOS- Awareness” for the girl students of Sona by Dr. A. Ezhilmathi, M.D., (OG) Consultant Obstetrician & Gynecologist and Dr. S. Niraimadhi, D.D. Consultant Dermatologist and Cosmetologist, SIMS Chellum Hospital.
2. Sona Women Empowerment Committee in coordination with Thiagarajar Polytechnic had organized a special talk on “CAREER OPPURTUNITIES IN CIVIL SERVICES” by Mrs. R. JayaLakshmi, I.P.S. Intelligence, Hyderabad, Andhra Pradesh.
3. A Workshop on “KAYAKALPAM PRACTICE” was conducted for the girl students of Sona in coordination with Manavalakalai.
4. A Special Workshop on “Stop the Violence – Activate” was organized by Sona Women Empowerment Committee in coordination with The Southern Railway Bharat Scouts and Guides and Prithviraj Scouts Group, Southern Division for both the male and female gender students of Sona College of Technology.
5. Sona Women Empowerment Committee in coordination with The Southern Railway Bharat Scouts and Guides organized a workshop on “STOP the VIOLENCE” for both boys and girls of Sona on 04.02.2016 at Sona Auditorium, the speaker being Smt. Indrani Rao, State Organizing Commissioner Guides. An introductory speech was delivered by Mr. Ravi Shekar Sinha IRSS, Additional Divisional Railway Manager (ADRM) of Salem Railway Division.
6. Events were conducted to exhibit their performance art form.
7. Competitions were conducted with the theme “Women Empowerment”.
8. Competitions were conducted to promote health awareness on vegetarian food.
9. Special events and competitions were conducted to exhibit their innovative talents.

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	250	16,62,000
Financial support from government	1214	73,20,825
Financial support from other sources	1707	47,050,125
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: There were no major/minor student grievances.

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) facilitating 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, publishing the results are computerized. An extensively computerized finance section supports activities like admission, fees collection and accounting. The HR department effectively records the details of the faculty like the performance appraisal, feedback, faculty attendance, pay roll management, etc. with the support of the MIS. Dedicated 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 stakeholders of the institution i.e. students, alumni, subject experts, employers and the experts from the industry. The suggestions received from the stakeholders are reviewed by the Department Consultative Committee; relevant and innovative 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 / 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 of Sona faculty are trained in contemporary and innovative methods of teaching by motivating them 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 / factory visits, games and role play.

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

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 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 set by the college for the Bloom's levels of learning.
- The Sona standard is that 40% of the questions of question-papers for tests/exams in the undergraduate programmes encourage the use of higher-order-thinking-skills.
- The standard for question-papers of tests/exams 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 external (80%) and internal (20%) 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 interested 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. Sona College is committed to research in the areas of science, engineering and technology and has nurtured 20-plus centres of excellence exclusively for research and development.

The centres of excellence focus primarily on applied research, product development, industrial training, development of multimedia resources and publication. The research and development 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.

The vibrant research and development activity in the college has resulted in grants from organization like DST, AICTE, UGC, DST, ISRO, NIOT, etc. and from a few industries.

Faculty are primarily involved in research projects that are socially beneficial.

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, 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 Sona Library has established a special niche called “Sona-LIKE” (**L**ibrary for **I**ndustry, **K**nowledge and **E**ducation) where resources and informative brochures, newsletters or write-ups/CDs on leading companies are available for use especially by our 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. The institution has made it mandatory for students to have laptops/tablets and provides Wi-Fi facilities and broad band internet facilities in the premises of the college and the hostel, thereby ensuring free access to current industrial and technological trends.

The institution deploys and employs ICTs for a range of activities like conduct of quizzes, lecture capture, etc. Keeping pace with rapid advancements in technology, and for students to benefit from state-of-the-art equipment, the college has set up a portable/mounted LCD projector in all the classrooms; multimedia language lab, computer labs and science labs provide opportunities for hands-on training.

Physical infrastructure / instrumentation: Adequate number of seminar halls and conference halls with air-conditioning and audio-visual facilities, video-conferencing facility, classrooms equipped with audio-visual and lecture-capture facilities, computer labs, well equipped laboratories fulfilling academic and research needs. An auditorium, amphitheatre, central library, guest rooms, medical centre, sports centre, yoga centre, DTP centre, cafeteria, Coffee-Day kiosks, ATMs, adequate vehicle-parking space for students and staff, and a five-star rated (by GRIHA) green building are major aspects of our infrastructure.

CCTVs are installed in strategic location in the campus. Adequate number of fire extinguishers at vantage points and the staff and the students are trained to handle it.

6.3.6 Human Resource Management

The heads of 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, offer and joining duty

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
- Mutually-beneficial activities (based on the MOUs) are organised in every department every semester
- Total placement offers issued to students for this academic year is 1102.

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 do selection of 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/guidelines for selecting candidates for admission to the various programmes offered by our institution.

Dr. M.Usha, Principal, Chairman –Admissions

Dr.G.M.Kadhar Nawaz, Admissions In-Charge

Mr.Nagappan, Admissions In-Charge

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

- Based on the cut -off marks obtained in the higher secondary (10+2) 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 (10+3/12+2) examination.

ME/MTech Degree Programme

- Based on the entrance (TANCET / CET / GATE) marks conducted by the Anna University and Association of Managements of Anna University Affiliated Colleges, Coimbatore

Master of Business Administration (MBA) Degree

- Based on the entrance (MAT / TANCET / CET / CMAT) marks conducted by the Anna University, Association of Managements of Anna University Affiliated Colleges, Coimbatore, and AICTE

Master of Computer Applications (MCA) Degree & Lateral Entry

- Based on the entrance (TANCET / CET) marks conducted by the Anna University & 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 to educate the children 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
Students	<ul style="list-style-type: none"> • The Career Guidance Cell provides training for students to enhance their employability, in addition to providing information on job availability. • A professional counsellor is available on campus full time. • Management scholarships are provided to needy students. • A Medical Centre is available for students. • A fully equipped gym is available for students. • Orientation programmes are organised for students.

6.5 Total corpus fund generated

1287.40 lakhs

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 courses of any semester are displayed to the students individually; the students also endorse them in verification or after clarifying doubts. Parents are informed of the marks through SMS.

The college has also initiated online Moodle Tests for students to stimulate and develop their thinking capability. It is also envisaged that the usage of computers by students would improve because of the conduct of MOODLE test.

After completion of every CIE test, the Principal reviews student performance in the presence of the Heads of Departments and the Controller of Examinations. On the basis of the review, coaching classes, tutorial classes and weekend classes are organised, where required, 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 higher in semester end examinations. Results publication, Revaluation and Review and Supplementary Examinations are conducted periodically.

Mark sheets of the concluded semester are printed and given to the students within a span of one month. Course works for PhD Scholar are conducted in our institution. Other examination processes are carried out by Anna University, Chennai.

Online registration and fees collection was implemented for applying revaluation and review cum photocopy. 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 revaluation; they can apply for photo copy of their answer script. If they are not satisfied with these results they can apply for Review Revaluation.

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.

6.11 Activities and support from the Alumni Association

The Alumni Association of Sona College of Technology elects its office bearers every year. At periodical intervals the association arranges for meeting and supports the institution in

- Guest lecturers by experienced alumni for students
- Training students to meet industry needs
- Internships / projects for students
- Industry-sponsored research
- Research and development activities
- Curriculum design
- Industrial visits
- Scholarships

6.12 Activities and support from the Parent – Teacher Association

- The college organizes a parent teachers meeting periodically to disseminate the good practices and developments in the college. It also provides an opportunity for the parents to discuss the academic performance of their wards with the faculty concerned.
- The feedback on the curriculum is received from the parents and considered in framing of the curriculum.

6.13 Development programmes for support staff

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

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 full-grown trees to maintain the ecology of the place.
- A 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.
- A green building is prevalent in the campus and it has been awarded a five-star rating by GRIHA.
- RO plants supply potable water in the college
- Rain harvesting system is in place
- Vermicomposting
- Safe disposal of laboratory wastes
- Use of solar energy

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.

<ul style="list-style-type: none"> • Assessment and attainment of COs, POs and PEOs • Properly maintained eco-friendly campus • Online appraisal system to motivate the faculty members towards excellence • 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. With the aid of information and communication technology the campus provides, <ul style="list-style-type: none"> ➤ Student–centric learning using BlackBoard and Lecture Capturing Solutions ➤ Opportunity to practice industry specific scenario cases using BlackBoard ➤ Course-wise industry mentors and guest lectures by them ➤ Faculty members pursue Coursera/NPTEL/MOOC courses ➤ Laboratory-integrated theory courses are included in the curriculum to enhance the practical skills of the students • Innovative pedagogical strategies to enhance teaching-learning process like problem-solving, case studies, project-based learning and peer-teaching.
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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 training programmes for teaching faculty	Pedagogy Training Programme from 23-5-2016 to 28-5-2016
Incorporating the Choice Based Credit System	Implemented in Autonomous Regulations 2015
Conduct a national conference, seminars and guest lectures	National conference: 1(CSE/IT) 120 guest lectures conducted by eminent scholars, distinguished professionals or industrial leaders in various disciplines
Enhance the teaching-learning process	<ul style="list-style-type: none"> ✓ Moodle LMS training for all faculty ✓ Issue of laptops inclusive of e-books for first-year students ✓ Impartus – Lecture Capture System
Enhance the security system in the campus	Surveillance cameras installed at vantage points on the campus
Internal Quality Auditors Training	Conducted on 6 th and 7 th June 2016
Conduct academic audits	2 academic audits conducted every year
Monitor student performance and counsel each student individually	About 15 students are assigned a Faculty Advisor who counsels and monitors the performance, behaviour, attitude and conduct of the student and motivates them.
R&D Activities	Papers published :144 Patents filed:6 MoUs signed: 18

	Sponsored projects: 30 Project funding: 288.73 Lakhs
Organise extra-curricular activities through NCC, NSS, YRC	120 programmes conducted
Sports Activities	Won Zonal Level Overall Championship Second Runner Up with 240 points in the Anna University Sports Board Competitions, Chennai

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Faculty Leave Management System: A new feature for automatically managing and maintaining the leave particulars of the faculty has been added to the MIS. The faculty will apply for leave through this facility which then will be approved by the Head of the department.
- Biometric system for attendance: The attendance of faculty members is monitored with the help of biometric system which recognizes the person with his/her face or finger prints. Wearing of ID cards and helmets (for those coming by two wheelers) has been made mandatory.

7.4 Contribution to environmental awareness / protection

1. Sona College of Technology received the prestigious **GRIHA 5–Star rating** from the Association for Development and Research of sustainable Habitats (ADARSH), a Society jointly founded by the ministry of New and Renewable Energy, (MNRE), Government of India and The Energy Resources Institute (TERI). The 5–Star rating is awarded to the Sona SIGMA BLOCK, in which several green features are incorporated like innovative energy and water efficiency measures, reducing the cooling demand of the building, reducing long term operating costs, etc.
2. **Environment Conservation Initiatives**
 - Use of renewable energy
 - Dense Plantation and Landscaping on the campus
 - Hazardous waste management
 - Installation for solar-energy windmill
 - Bio-gas plant installed in the hostel premises
 - Eco-friendly paper used for documentation
 - R-and-D focusing on preserving the environment

7.5 Whether environmental audit was conducted?

Yes

No

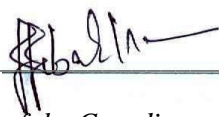
7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

- **Ranked 47th Position** among Engineering Institutions in India including IITs & NITs under **National Institutional Ranking Frame Work (NIRF)** by Ministry of Human Resources Development Govt.of India.
- Ranked as one of the Best Engineering Colleges in the Country by ‘Outlook’, ‘The Week’, ‘Competition Success Review’, ‘Carreers 360’, ‘Deccan Chronicle’, ‘Data Quest’, ‘The Sunday Indian’, ‘Silicon India’, ‘Electronics for You’, ‘Dalal Street’,etc.
- **Best Engineering College** in India Award from ISTE, New Delhi
- **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, etc.

8. Plans of institution for next year

- Renewal of Autonomous status
- Renewal of NAAC Accreditation
- Achieve a revenue generation to the tune of Rs.3 Crores through R-and-D, continuing education, industrial consultancy and testing services.
- Initiate steps towards becoming a university.

Name : Dr. J.Jeba Emilyn, IQAC Coordinator,
Sona College of Technology, Salem



Signature of the Coordinator, IQAC

Name : Dr. V. Jaya Prakash, Principal
Sona College of Technology, Salem



Signature of the Chairperson, IQAC

Annexure -1

Academic Calendar (2015-16)

TENTATIVE COLLEGE LEVEL EVENTS 2014-2015

June 15 IV Week	Formation of Departmental Technical Associations
July 15 III Week	Formation of all Students Club
August 15 I Week III Week	Inauguration of Students Clubs Fresher's Day
September 15 II Week	Staff Awards Day
January 16 III Week 26 th	Management Scholarship Day Republic Day
March 16 8 th III Week	International Women's Day Sports Day Graduation Day Annual Day Cultural Day Hostel Day

DEPARTMENT OF MECHANICAL ENGINEERING

May 15

III Week 2-WEEK ISTE WORKSHOP on Fluid Mechanics
 IV Week 2-WEEK ISTE WORKSHOP on Fluid Mechanics

June 15

III Week Inauguration of Mechanical Engineering Association

July 15

III Week Guest lecture - I for students

August 15

I Week SAE Club Activities
 II Week Guest Lecture for Second & Third year students
 III Week Industrial Visit
 IV Week SAE Events- Guest lecture - I

September 15

II Week SAE Events- Guest lecture - I
 IV Week MECHSPARK 2015

October 15

I Week SAE TREK
 II Week SAE Factory Visit

November 15

II Week MECHTRIX 2015

December 15

III Week Faculty Development Programme

January 16

II Week Guest Lecture - III for students

February 16

II Week Guest Lecture- IV for students
 III Week SAE Factory Visit

March 16

I Week MASS - A National Level Technical Symposium

April 16

I Week SAE Events- Guest lecture - II

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

June 15

IV Week Commencement of II, III and Final year Classes

July 15

II Week Inauguration of the Association & Guest lecture - I

III Week IEEE & WIE Inauguration

Class Committee Meeting - I (for all year)

IV Week First Review (for Final Year students)

IEI Electrical Chapter Inauguration

August 15

II Week Industrial Visit

III Week Guest lecture - II

IV Week Second Review (for Final Year students)

Workshop

September 15

I Week Gate Awareness programme

II Week Guest Lecture - III

IEEE Intra College Technical Symposium 'Techgrill'

III Week Inter-Departmental Technical Event

IV Week Class Committee Meeting - II (for all year)

Third Review (for Final Year students)

October 15

I Week IEEE day

December 15

II Week Commencement of II and III year classes

IV Week Guest Lecture - IV

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

January 16

- I Week Class Committee Meeting - I (for II and III year)
- III Week Workshop / Conference

February 16

- I Week Commencement of Final year classes
- II Week Importance of Gate and Preparation - Lecture
- III Week Guest Lecture - V
- Class Committee Meeting - I (for IV year)
- IV Week Inter-Department Project Competition 'Techshow'
- Second Review (for Final Year students)

March 16

- I Week Class Committee Meeting - II (for all year)
- Edison Symposium
- II Week IEEE Symposium 'Circuitrix'
- Final Review (for Final Year students)
- III Week Farewell

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

July 15	Inauguration Guest Lecture Workshop
August 15	Workshop Guest Lecture Parents Meeting
September 15	ELECTROBLITZ (intra College Symposium)
October 15	Guest Lecture
December 15	Guest Lecture
January 16	Workshop
February 16	Workshop
March 16	Fractals'16 Guest Lecture Valedictory

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

June 15

I Week	PG - II Year Project review
II Week	Final Viva Voce for II year ME(CSE) and ME(SE)
III Week	Workshop - I
IV Week	Reopening for UG - II, III & IV Year Guest lecture on "Interactive and Motivation session" & "How to face product based company interviews?"

July 15

I Week	Class Committee meeting for UG (II, III & IV Year)
II Week	Guest lecture on "Calculating Careers - Helping Juniors Developing Interview Skills" Orientation Programme for II Year
III Week	Placement Training commences/ Python Training Class Committee meeting for PG (II Year)
IV Week	Faculty Advisor meeting

August 15

I Week	Mini Project Zero review Parents Meet for UG - II Year Guest Lecture - I Thinking on Algorithms (II year)
II Week	Inauguration of Association activities Workshop - II
III Week	Industrial Visit for UG - II Year Faculty Advisor meeting Class Committee meeting for III & IV Year
IV Week	Parents Meet for UG - II Year

September 15

I Week	Industrial Visit for UG - III Year Mini Project 1st review Inauguration for I Year PG & Code Marathon Event Reopening for PG - I Year
II Week	Workshop - III Elite Alumni Talk - Effective Coding Techniques Class Committee meeting for PG - I Year

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

III Week	CSI Guest Lecture Faculty Advisor meeting
IV Week	PG - I Year Orientation Programme
October 15	
I Week	Mini Project 2nd review
II Week	CSI Contest A Software Exhibition 'SPARK'14'
III Week	Guest Lecture - II Career Opportunities in Software Testing Mini Project review for UG & Innovation Expo Event Faculty Advisor meeting
IV Week	Project Phase I Viva Voce for ME(CSE) and ME(SE)
November 15	
I Week	Guest Lecture - III & Alumni Talk - How to Win
II Week	CSI association special lecture
III Week	Workshop - IV
December 15	
I Week	Class Committee meeting for PG - I Year
II Week	Seminar for I Year PG
IV Week	Reopening for UG - III & IV Year
January 16	
I Week	Guest Lecture - IV / Higher Studies Guidance - Alumni Talk Reopening for UG - II Year Faculty Advisor meeting
II Week	Reopening for PG - I Year Class Committee meeting for UG
III Week	Workshop - V & Appathon'16
IV Week	Class Committee meeting for PG - I Year UG Project Zero review

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

February 16

I Week	Mini Project Zero review
II Week	CSI association special lecture National Level Workshop
III Week	Technical Seminar for UG Faculty Advisor meeting
IV Week	UG Project 1st review & Alumni Meet' 16

March 16

I Week	A National Level Technical Symposium THREADS' 16'
II Week	Mini Project 1st review A National Level Conference 'NAC-CISS' 16'
III Week	Class Committee meeting for UG
IV Week	UG Project 2nd review Faculty Advisor meeting

April 16

I Week	Mini Project 2nd review
II Week	Guest Lecture - V Life at IT Companies and Etiquettes
III Week	UG Project 3rd review
IV Week	Workshop - VI & Project Design Contest Association Valedictory function Faculty Advisor meeting

May 16

I Week	Mini Project 3rd review
II Week	Final Project review for UG

DEPARTMENT OF INFORMATION TECHNOLOGY

June 15

IV Week Class work commences for III & V & VII Semester.

July 15

I Week Guest Lecture for Final year students
II Week First Class Committee meeting & Guest Lecture
III Week IT Association: Office bearers Election and Kick starting the Association Activities
Training Programming for Faculty Members
Final Year & M.Tech Project Phase I- First Review
IV Week Special lecture for Final & Third year students.

August 15

I Week Software Freedom Day
II Week Guest Lecture for Second & Third year students
Final Year & M.Tech Project Phase I- Second Review
III Week Software Exhibition - ignite '15

September 15

I Week Workshop for Third year & final Year Students
II Week Final Year & M.Tech Project Phase I-Third Review
Guest Lecture for Second & Third year students

October 15

I Week Second Class Committee meeting

November 15

II Week Faculty Development Program

December 15

I Week Class work commences for even Semester
Final Year B. Tech & M. Tech Project work starts
II Week One day workshop

DEPARTMENT OF INFORMATION TECHNOLOGY

January 16

I Week	First review of the B.Tech Final Year & M.Tech Project. Class work commences for M. Tech First Year
II Week	Intra Departmental Technical Competition
IV Week	Alumni day

February 16

I Week	1 st review of II & III year B.Tech mini project work
II Week	Second review of the Final Year B.Tech & M. Tech Project Guest Lecture for Second & Third year students Oth review of M. Tech First Year mini Project work
III Week	Third review of the Final Year B.Tech & M. Tech Project. National Conference on Data Mining Techniques
IV Week	II nd review of II & III year B.Tech mini project work I st review of M. Tech First Year mini Project work

March 16

II Week	One day workshop National Level student's symposium Second Class Committee meeting
III Week	II nd review of M. Tech First Year mini Project work National Seminar
IV Week	Guest Lecture for third Year Students Association Valedictory function & Awards day Project report submission of II & III year B.Tech mini project work

April 16

I Week	Final review of the Final Year B.Tech Project work & Demo Final Year B.Tech & M. Tech Project Report Submission
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DEPARTMENT OF CIVIL ENGINEERING

July 15

II Week	Class Committee meeting for the II, III & IV year B.E. & II Yr. ME (STRU)
III Week	UG & PG Project Work - 0th Review Guest Lecture - I

August 15

III Week	Guest Lecture - II UG & PG Project Work - 1st Review
IV Week	Parents Meet

September 15

07.09.2015	Concrete day Celebrations - Work Shop/ Seminar
II Week	Class Committee Meeting for the II, III & IV year BE & II yr ME (STRU) & I yr M.E. (STRU & CEM) Guest Lecture - III
15.09.2015	Engineers' day Celebrations - Workshop/ Seminar
III Week	UG & PG Project Work - 2nd Review CORE'15 - Intra Department Symposium

October 15

II Week	UG & PG Project Work - 3rd & Final Review Class Committee Meeting for I year M.E. (STRU & CEM)
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December 15

III Week	Guest Lecture - IV UG & PG Project Work - 0th Review
IV Week	Class Committee Meeting for the II, III & IV Year BE & II yr ME (STRU)

January 16

III Week	Guest Lecture - V UG & PG Project Work - 1st Review Parents Meet
IV Week	Workshop / Seminar Class Committee Meeting for M.E. I yr (STRU & CEM)

DEPARTMENT OF CIVIL ENGINEERING

February 16

II Week	Guest Lecture - VI
III Week	UG & PG Project Work - 2nd Review Class Committee Meeting for the II, III & IV year B.E. & II yr M.E. (STRU)

March 16

I Week	CARVE' 16- Students' Symposium
III Week	UG & PG Project 3rd & Final Review
IV Week	Class Committee Meeting for M.E. I yr (STRU & CEM)

DEPARTMENT OF FASHION TECHNOLOGY

July 15

I Week	Projectwork -Phase I - 0th Review
III Week	Special placement Training (PZM Solutions, Chennai)
IV Week	Projectwork -Phase I - 1st Review

August 15

II Week	SONAFTA-2015: Inauguration cum Intra-departmental Student Symposium Guest Lecture/Workshop - Semester 3, 5 and 7 Parents-Teachers Meeting - Semester 3,5 and 7
III Week	Industrial visit - Semester 3,5 and 7
IV Week	Guest lecture/Workshop - Semester 3, 5 and 7 Project work Phase I - 2nd Review

September 15

II Week	SONA SARTORIA - 2015: Inter-college student symposium
III Week	Guest lecture /Workshop- Semester 3, 5 and 7
IV Week	Projectwork Phase I - 3rd Review

October 15

I Week	Projectwork Phase I - Model Viva-Voce
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November 15

III Week onwards	In-plant training for 3rd year students
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January 16

IV Week	Final-year Placement Training Projectwork Phase II - 1st Review
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February 16

I Week	Guest Lecture/Workshop -Semester 4, 6 and 8
II Week	Industrial visit - Semester 4 and 6
IV Week	Projectwork Phase II - 2nd Review National Conference/Seminar

DEPARTMENT OF FASHION TECHNOLOGY

March 15

II Week	Guest Lecture/ Work shop - Semester 4, 6 and 8
III Week	Training programme for Women Development
IV Week	Project work-Phase II - 3rd Review SONAFTA-2016: Valediction cum Student Awards Day

April 15

III Week	Project work - Phase II - Model Viva-Voce
IV Week	BoS Meeting

May & June 15

IV Week onwards	In-plant Training for 2nd and 3rd year students
I Week May to I Week June	Staff (Teaching and Non-Teaching) Training

DEPARTMENT OF MANAGEMENT STUDIES

July 15

II Week	HR Guest lecturer 11.07.2015 - IRLW
III Week	Banking - Guest Lecturer

August 15

I Week	Guest Lecture on CRM
II Week	FDP

September 15

I Week	I MBA Induction Programme
II Week	Guest Lecture - Entrepreneurship
III Week	I MBA Guest lecture Finance guest lecture / workshop
15.09.2015	Workshop on Selling
IV Week	One day seminar in HR - effective practices in recruitment I MBA Guest lecture

October 15

I Week	Dhriti 2015 - students Management Meet
II Week	Finance guest lecture - Banking II MBA

December 15

III Week	FDP on curriculum Development
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January 16

I Week	II MBA main project Jan - April 2016
II Week	II MBA main project Jan - April 2016
III Week	II MBA main project Jan - April 2016
IV Week	II MBA main project Jan - April 2016

DEPARTMENT OF MANAGEMENT STUDIES

February 16

I Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
II Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
III Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
IV Week	II MBA main project Jan - April 2016 I MBA Guest Lecture Dhiriti - 2016

March 16

I Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
II Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
III Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
IV Week	II MBA main project Jan - April 2016 I MBA Guest Lecture

April 16

I Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
II Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
III Week	II MBA main project Jan - April 2016 I MBA Guest Lecture
IV Week	II MBA main project Jan - April 2016 I MBA Guest Lecture

MASTER OF COMPUTER APPLICATIONS

July 15

- I Week Soft Skill Training Program "Technical Interview"
- IV Week Soft Skill Training Program "Hands on training C&C++"

August 15

- II Week Guest Lecturer on Data mining
- IV Week Two days DST Sponsored National Conference

September 15

- I Week Orientation Program for 1st year MCA Students
Inauguration of students Association
Career Opportunities Training
- II Week Training Program ORACLE
Intra Department Technical Event
Guest Lecture on "Big data analytics"
- III Week Guest Lecture on "Network Protocol"
- IV Week Work shop on "Ruby with Rails"
Inter Department Technical Meet

October 15

- I Week Guest Lecture on Ethical hacking

January 16

- I Week Guest Lecturer on Software testing tools

February 16

- I Week Guest Lecture on Mobile Apps
- III Week Guest lecture on ERP

March 16

- II Week One day students Symposium "CYBERTALK'16"
- III Week Workshop on web designing skill
Valedictory for MCA Association

ELECTRONICS AND COMMUNICATION - PG

September 15

- II Week Inauguration of ECE - PG Association
- III Week Mentor Graphics-Workshop

October 15

- I Week NS2 Workshop
- II Week Guest Lecture for Communication Systems

November 15

- II Week Guest Lecture for VLSI

February 16

- II Week Guest Lecture for VLSI

March 16

- II Week iComET '15 - National Level Symposium, Guest Lecture
- III Week Advanced Design Systems - Workshop
- IV Week International Conference

April 16

- II Week Valedictory function of ECE - PG Association

DEPARTMENT OF SCIENCES

August 15

4th Week Induction Programme - "Introduction of various facilities and clubs of Sona"

September 15

I Week Motivation Program - Phase I "Preparing for Engineering"

II Week Orientation Program - I "SWOT analysis"

IV Week Orientation Program - II "Art of Mind Control"

October 15

I Week Orientation Programme - II "Art of Mind Control"

II Week Orientation Programme - IV "Soft Skills - Time Management"

IV Week Orientation Programme Phase V "Soft skills - Goal Setting"

January 16

IV Week Motivation Programme Phase II "How to Prepare a paper for paper presentation in Conferences/seminars/symposiums"

February 16

I Week Orientation Programme - Phase VI "Soft skills - Personality"

II Week Motivation Programme - Phase III "Mind Management"

28th National Science Day

Semester I & II Guest lectures on Youth Day, Science Day, Health Day.

Semester II Certificate Program - II "Powerpoint and Animation"

DEPARTMENT OF HUMANITIES AND LANGUAGES

August 15

- I Week Workshop on GD, Interview Skills and Verbal Aptitude
- II Week Workshop on Communication Skills and Soft Skills\
- III Week Workshop on GD, Interview Skills and Verbal Aptitude

DEPARTMENT OF MATHEMATICS

October 15

- II Week Guest Lecture by University Faculties

December 15

- I Week Guest Lecture by University Faculties

May - June 16

- IV Weeks Bridge Course for Lateral Entry Students

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

In general the alumni appreciated the following points:

- Excellent Academic Support extended by the faculty members.
- The 2015 regulation under CBCS is excellent and it will be more useful for student's career growth.

Employers

- Alumni are performing well in their respective industries.
- The autonomous curriculum and syllabi are good. It will definitely meet the industrial requirements expected from the students.

Parents

- Most of the parents were satisfied with the present teaching and learning process followed in the college.
- They also expressed their satisfaction towards the student information system (MIS) followed in the college.
- Technical knowledge and communication skills acquired by student after the admission to our college are good.
- Facilities in the hostel, internet and library are good.

Students

- Majority of students have reported that the academic and research activities of the college is excellent.



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