

# The Annual Quality Assurance Report (AQAR) of the IQAC 2014-2015



**Submitted by**

**Internal Quality Assurance Cell [IQAC]**

**SNS COLLEGE OF TECHNOLOGY**

*Accredited by NAAC-UGC with 'A' Grade*

**COIMBATORE-641 035, TAMIL NADU**

*Submitted to*



**National Assessment and Accreditation Council**

*An Autonomous Institute of the University Grants Commission*

**P. O. Box No. 1075, Nagarbhavi, Bangalore - 560 072  
Karnataka, INDIA**

# The Annual Quality Assurance Report (AQAR) of the IQAC

2014-2015

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

## Part – A

### 1. Details of the Institution

1.1 Name of the Institution

**SNS COLLEGE OF TECHNOLOGY**

1.2 Address Line 1

**SATHY ROAD, NH 209, VAZHAMPALAYAM**

Address Line 2

**SARAVANAMPATTI POST**

City/Town

**COIMBATORE**

State

**TAMIL NADU**

Pin Code

**641 035**

Institution e-mail address

[snsct@snsgrups.com](mailto:snsct@snsgrups.com)

Contact Nos.

**0422-2666264**

Name of the Head of the Institution:

**Dr.S.Chenthur Pandian**

Tel. No. with STD Code:

**0422-6465204**

Mobile:

**9443791005**

Name of the IQAC Co-ordinator:

**Dr.L.M.NITHYA**

Mobile:

**9994681177**

IQAC e-mail address:

**iqac@snsct.org**

1.3 NAAC Track ID (For ex. MHCOGN 18879):

**07254**

1.4 Website address:

**www.snsct.org**

Web-link of the AQAR:

**[http://snsct.org/sites/default/files/basic\\_page\\_attachments/SNSCT%20IQAC%20AQAR%202014-15.doc](http://snsct.org/sites/default/files/basic_page_attachments/SNSCT%20IQAC%20AQAR%202014-15.doc)**

#### 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.02	2012	5 Years
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.6 Date of Establishment of IQAC :

DD/MM/YYYY

**15.09.2012**

1.7 AQAR for the year (*for example 2010-11*)

**2014-2015**

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 2012-2013 Submitted to NAAC on 05/11/2013**

ii. AOAR 2013-2014 Submitted to NAAC on 12/11/2014

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	-	UGC-CPE	
DST Star Scheme	-	UGC-CE	-
UGC-Special Assistance Programme	-	DST-FIST	-
UGC-Innovative PG programmes	-	Any other ( <i>Specify</i> )	-
UGC-COP Programmes	-		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	14
2.2 No. of Administrative/Technical staff	4
2.3 No. of students	2
2.4 No. of Management representatives	5
2.5 No. of Alumni	1
2.6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	2
2.9 Total No. of members	28
2.10 No. of IQAC meetings held	4
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="1"/> Faculty <input checked="" type="checkbox"/>
Non-Teaching Staff	<input checked="" type="checkbox"/>
Students	<input checked="" type="checkbox"/>
Alumni	<input checked="" type="checkbox"/>
Others	<input checked="" type="checkbox"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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

**Instructional Design and Delivery of Teaching Methodologies,  
Effective Implementation of IQAC, Mentoring the Mentors**

2.14 Significant Activities and contributions made by IQAC

- The main activity being formulation of plan of action and ensuring the execution of project
- Improved the Graduation Results & University Ranks
- Enhanced employability by implementing personality development programs, value added certificate courses & pre-placement training program for the students
- Established linkages with Industries
- Career Guidance and Placement Cell strengthened
- Upgraded library by subscription to e-journals (IEEE)
- More avenues for students to engage in community services
- Sensitizing students to ecological and environmental issues
- Publication of Journals of international standards
- Seminars, conferences and invited talks arranged for students & Faculty members
- Conduction of Faculty development programme every year
- Governing council meeting held on a regular basis with members of the committee as a part of Academic Review activity
- Internal & External IQAC Academic Audit

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 outcome achieved by the end of the year \*

Plan of Action	Achievements
Improve the academic results and Placement	Graduation rate of 81 % with 45 University Ranks
Conduct national level seminars/conferences/workshops by all departments.	Conducted by all the departments
Apply for funds to organize events	Applied and received the grants
Energize the activities of all the clubs and forums in the college.	All the clubs are conducting events periodically
Complete the Construction work of the separate amenities block	Amenities block construction completed
Quality enhancement programmes to students, teachers and administrative staffs.	Conducted the programmes
Start the Act on Dream Club(AOD) and involve all the students in the activities.	AOD was effectively implemented by the students of III & IV Year
Implement Youth Parliament during this year.	Youth Parliament was formed and started its activities
Conduct IQAC Internal & External Academic Audit, Log book Verification, External Audit	Conducted for all the departments

\* 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

Management approved the AQAR after a detailed discussion with college authorities and formal sanction was given. They also suggested to strengthen the areas of Sponsored Research and consultancy works.

## Part – B

### Criterion – I

#### 1. 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	7		7	
PG	10		10	
UG	10		10	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	<b>27</b>		<b>27</b>	
Interdisciplinary				
Innovative				

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

- Autonomous System hence flexibility in altering curriculum to meet the industry requirements and new technologies.
- Elective options are available

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	27
Trimester	0
Annual	0

##### 1.3 Feedback from stakeholders\* (On all aspects)

Alumni  Parents  Employers  Students

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



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

The regulations, curriculum and the syllabi were revised. In the revised curriculum more emphasis is given for continuous assessment. In order to prepare the students to face the selection process of various companies, career development programmes were incorporated in the regular curriculum itself. The U.G curriculum consists of four career development programmes. Three programmes will deal with aptitude and soft skills. The fourth one will be branch specific. Implant training is part of curriculum and every student is expected to undergo at least one inplant training.

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

Nil

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	278	240	20	18	-

2.2 No. of permanent faculty with Ph.D. 27

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
	56	-	2	-	1	-	-	-	-	-

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

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	147	48	0
Presented papers	162	72	0
Resource Persons	6	9	0

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

- Faculty members have been sincerely endeavouring to introduce innovative teaching approaches ever since the College has become autonomous by amalgamating theoretical knowledge with practical approaches.
- Use of ICT in teaching learning process
- Establishing the Lesson plan for every subject well before the commencement of each semester along with the course hand outs which are made available to all students on the start of the academic year
- Teacher's study materials [soft copy-power point/PDF presentation] are shared with students
- Teaching faculty and students are encouraged to use latest technology such as LCD, internet, NPTEL videos etc., in the teaching learning process
- Departments are provided with LAPTOPS by the management to support ICT
- Innovative teaching methods such as role play, puzzles etc were practiced in class rooms

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

172

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

The question papers are set by experienced faculty members and valuation is done by only external faculty members. The U.G question paper consists of three sections out of which one section contains ten multiple choice questions to test the thinking / reasoning capability of the students. Dummy number system is followed during valuation to hide the identity of students. Results are processed through software and the results are published before commencement of the next semester.

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

52

234

-

2.10 Average percentage of attendance of students

91.5%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BE AERO	61	2	24	3	-	47.54
BE CIVIL	70	4	43	2	-	70
B.E CSE	140	16	96	-	-	80
M.E CSE	18	1	15	-	-	88.89
M.E SE	18	2	15	-	-	94.44
B.E EEE	64	1	54	-	-	84.38
M.E PSE	17	2	14	1	-	94.11
M.E VLSI	19	2	15	-	-	89.47
M.E CS	18	2	14	-	-	88.89
B.E ECE	143	15	98	4	-	81.82
B.E EIE	13	-	10	-	-	76.92
B.E MECH	72	4	51	-	-	76.38

B.Tech. IT	67	4	45	-	-	73.13
M.Tech.IT	18		5	13	-	100
M.E-CCE	18	1	16	1	-	100
MBA	56	1	36	8	-	80.36
MCA	66	64	-	-	-	96.97

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

- IQAC assists the college in preparing Academic Plan every year
- It publishes “ Handbook & Academic Calendar” each year and issues to all the faculty and students incorporating the Academic Plan in it
- Faculty Development Programmes and orientation programmes are arranged for enhancing professional competency and teaching skills of the faculty.
- It ensures that the Departments provide course outline and course schedule to the students prior to the commencement of the academic session.
- Apart from traditional lecture method of teaching, the IQAC advocates student centric learning - a process in which group discussions, interactive session, seminars , articles / book review, conducting various academic related activities , extension activities, each students, participation in skill development programmes, learning value/ ethics based courses etc., are involved.
- The use of ICT, e-learning, e-books on-line journals, software meant for teaching are the latest technologies in operation at the initiatives of IQAC.
- The college adopts mentor/ tutor system to look after the learning capabilities of students individually.
- Feedback system is adopted to evaluate the teachers performance by students / alumni.
- Student’s performance is evaluated through Internal Assessment Exam [IAE] and End semester Examinations and students Grievance if any is fully addressed by means of well established mechanism.
- The monitoring system in respect of teaching, learning and evaluation is manifold such as, IQAC, feedback from stakeholders, Management Review, Internal Audit by IQAC and ISO surveillance Audit by external agency.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	0
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	1
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	201
Summer / Winter schools, Workshops, etc.	336
Others	0

### 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	33	0	3	0
Technical Staff	51	0	9	0

## Criterion – III

### 3. Research, Consultancy and Extension

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

<ul style="list-style-type: none"> <li>✓ An international conference titled “ International Conference on Soft Computing and Network Security (ICSNS’15) was conducted during 27.2.2015 and 29.2.2015</li> <li>✓ Energy Consumption details of all electrical loads have been collected throughout the college and analysed. Based on the analysis the corrective measures have been taken to conserve the energy.</li> <li>✓ As a part of Energy Conservation, a GSM based ON / OFF control product has been developed for controlling the operation of Air Conditioner installed at Power System Simulation Lab.</li> <li>✓ A proposal has been given to replace sodium vapour lamps of high power consumption with LED based street lights and replaced in most of the places as a energy conservation measure.</li> <li>✓ Initiated the Thermal research laboratory, for possible Research projects. It will be helpful for the researchers to apply for funding proposals</li> <li>✓ A new lab ( data Analytic) for research was setup</li> </ul>
--

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	10

Outlay in Rs. Lakhs	-	-	-	4,99,34,780
---------------------	---	---	---	-------------

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	4	39
Outlay in Rs. Lakhs	25,000	4,00,000	8,30,000	59,65,530

3.4 Details on research publications

	International	National	Others
Peer Review Journals	128	-	50
Non-Peer Review Journals	4	9	-
e-Journals	56	-	-
Conference proceedings	133	18	40

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	-	-	-	-
Minor Projects	2 6 - months	UGC-MiRP UGC	4,00,000 3,50,000	4,00,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	1	IE(I)	1	25,000
Any other(Specify)	1 year	“Railway Enhancement Program”- Students project Funded by TSCST, Chennai.	Rs.7500	-
Total	-	-	7,50,7500	4,25,000

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	1	5	-	-	-
Sponsoring agencies	IEEE	-	-	-	-

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	-
	Granted	-
International	Applied	-
	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
1	1	-	-	-	-	-

3.18 No. of faculty from the Institution

who are Ph. D. Guides  
and students registered under them

20

79

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

5

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  YRC & RRC

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

- Awareness Rally on Child labour and child abuse (Thudiyalur )
- Blood donation camp (Thudiyalur)- 10.05.15
- Seven Days special Camp at Kattampati(02.03.15- 08.3.15)
- Green Environment (05.08.15)
- National voting day (31.10.15)
- Green India Mission (26.12.15)
- Human chain National Flag Awareness. (Kavundampalyam to gounder mills ) -25.01.15



## 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 (Sq. M)	7594	47912	Trust	103418
Class rooms (Sq. M)	1761	6084	Trust	13929
Laboratories (Sq. M)	1230	8433	Trust	18096
Seminar Halls (Sq. M)	475	1760	Trust	3995
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	-	-	-	-

#### 4.2 Computerization of administration and library

- College Office, Office of the controller of Examinations, Library and the entire administrative processes are completely computerized and interlinked with LAN connection.
- Wi-fi enabled campus
- OPAC software is installed in the library
- University correspondence is in digitalized mode (Online Entry of Internal Marks and Attendance)
- E-journals facility
- Parent intimation through online system

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	14088	3888524	761	287763	14849	4176287
Reference Books	26170	7245431	1416	534418	27586	7779849
e-Books	-	-	-	-	-	-
Journals	427	624755	136	341575	563	966330
e-Journals	3512	835630	1491	398730	5003	1234360
Digital Database	2	23000	1	11500	2	23000
CD & Video	2597	-	2872	-	2872	-
Others (specify)	-	-	-	-	-	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1278	30	650	3	30	15	13	-
Added	60	30	650	3	30	15	13	-
Total	1338	30	650	3	30	15	13	-

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

- Computer and internet facility round the clock
- Internet access in boys and Girls hostel after 5:00pm
- Wi-Fi Enabled Campus
- Value added Course relevant to their subjects
- Faculty Development Programmes and workshops in emerging area [Big Data, Hadoop, Cloud Computing, E-Governance etc] for faculty and students.
- Skill up gradation programme for technical faculty.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	8.43 lakhs
ii) Campus Infrastructure and facilities	150 lakhs
iii) Equipments	30 lakhs
iv) Others	8 lakhs
<b>Total:</b>	<b>196.43 lakhs</b>

## Criterion – V

### 5. Student Support and Progression

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

The IQAC renders information and support that the students and the alumni need.. It also ensures that the students are provided with skills and competencies needed for successful competition in the employment market.

IQAC creates awareness about Student Support Services through

- Orientation programmes [First 2 Weeks]
- Class committee / Representative meetings
- Information display on website / notice board.
- Tutor Ward Meetings
- Grievance Redressal Cell mechanisms.

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

- ❖ Each department maintains records related to programme – Admission, Success rate, percentage of students progressing to higher education or employment etc.
- ❖ Tracking the progression is done by:
  - Regular observation
  - Regular meetings/monitoring
  - Faculty involvement through counselling system.
  - Regular feedback from students

#### 5.3 (a) Total Number of students

UG	PG	Ph.D	Others
3314	533	-	-

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

52
----

#### (c) No. of international students

-
---

No	%
0	0

Women

No	%
0	0

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
473	386	10	2778	-	3647	421	301	9	3114	2	3847

Demand ratio

Dropout % - 0.06%

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

- The Training and placement cell is providing coaching to various competitive exams such as Banks PO, GATE, TOFEL, GRE and certification examinations.
- The Quantitative Aptitude and Logical Reasoning has been made mandatory for all students.
- The Materials required to prepare for competitive examinations are purchased and made available to the students in the library.
- Journals / Magazines related to competitive examinations are kept in the library.

No. of students beneficiaries

All Final Years

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	5	CAT	1
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

5.6 Details of student counselling and career guidance

**A separate counselor is allotted to each student.**

No. of Students per counselor/Tutor - 25

- Mode - Personal Meeting
- Reporting - Monthly Report to the Head of Departments.
- Area – Academic, Personal problem, Grievances and Motivation for better performance

**A separate training and placement cell is established for career guidance**

No. of students benefitted

All Students

## 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
85	750	360	95

## 5.8 Details of gender sensitization programmes

Women's cell and the SNSCT College culture play a major role in bringing revolutionary changes in the college and society. Girls are trained to take a lead role. It promotes gender equity and gender integration.

## 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	10	1,35,000
Financial support from government	1095	66,40,085
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: NIL

## Criterion – VI

### **6. Governance, Leadership and Management**

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

##### **VISION**

SNS College of Technology aspires to be an internationally recognized, Premier Engineering College, renowned for its excellence in Technical Education, ultimately becoming a model for other Institutions by producing world class technocrats.

##### **MISSION**

- To offer highly commendable engineering education that will be always relevant and beneficial to the society.
- To mould energetic and vibrant entrepreneurs & skilled technocrats to strengthen the industrial world.
- To shape worthy and perfect citizens imbibing moral, social and ethical values.
- To provide ample opportunities and conducive environment to the staff to improve their skills and acumen in teaching, research and consultancy activities.
- To contribute to the advancement of knowledge, the social cohesion and the quality of life not only in Tamil Nadu but also all over the world.

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

Yes. The College has a full-fledged Management information system for the Academic and administrative functioning of the college. The administrative system in the college is fully automated with appropriate software and all information on student admission, examinations, marks, fee payments, etc is available for timely decision making and actions. The College library is also automated and the information regarding availability of books, issue details, etc is available to the students and staff at finger tips. An online public access catalogue (OPAC) is implemented to enable the students for speedy and convenient access to the library catalogue.

All the academic and administrative issues are deliberated and discussed in the appropriate body / Committees. The deliberations are properly minuted and the decisions implemented at all levels in the form of proceedings, rules and regulations and policies. All relevant information about the college is published on the college website for reference.

Some forms of MIS are

Daily Absent Report (Staff & Students)

One Page Monthly Report

IQAC Monthly Presentation

Management Review Meetings

Budget Meetings

IQAC Quarterly Meetings

Semester Progress Report

Annual Report

Governing Council

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

#### 6.3.1 Curriculum Development

Quality curriculum is developed taking into account the views of all stakeholders students, alumni, subject experts, faculty expertise and industrial experts. Industry based curriculum with societal impact is the key point in developing the curriculum. In an affiliating system there is limited flexibility for innovative curricular designing. However the colleges involves in the process indirectly as and when the faculty members are elected to various Academic Bodies. From 2013-2014 onwards the college has become autonomous and Credit based Semester System was introduced. All the teachers of the college have actively participated in the syllabus framing process. 5-6 members of each department of the college played their role as members of the Board of Studies. During the course of the academic year many of the departments contributed substantially to introduce innovation in curricular design.

#### 6.3.2 Teaching and Learning

- Adopting **interactive method, project-based learning, computer-assisted learning, experiential learning, Centric learning, seminars, guest lectures, group discussions** to make teaching and learning as efficient and effective process.
- Use of teaching aids like OHP and LCD Projector in addition to Conventional lecture method.



- Web based learning and Visual class rooms are used to enrich their knowledge in latest Technologies.
- Providing practical experience by way of hands on training, mini projects and additional lab experiments beyond the syllabus.
- Providing Internet facilities during college hours and beyond to have exposure to latest trends.
- Arranging guest lecturers by inviting experts from Industries, Research Organizations and Educational Institutions in the emerging field to enable the staff and students to learn new technologies.
- Interaction sessions are arranged with people from Industries to have a clear idea regarding the industrial needs.
- Encouraging the learners to ask questions during teaching process (Learn by Queries) in order to clear the doubts while grasping the subject.
- Submitting assignments / Innovative works on various topics.
- Conducting seminars and presenting papers in the class, provides platform for discussion among the learners.
- Visiting Industries, Exhibitions, Trade Fairs etc., helps to enhance their knowledge.
- Participating and presenting papers in symposiums, Conferences, Displaying their Project etc., helps to exhibit their talents.
- Arranging Professional Trainers from reputed organization to develop their aptitude, communication, personality development and other soft skills.
- Identifying the slow learners and adopting remedial measures to improve their learning skill.
- Counseling and motivation are done for the needy students to make them better.
- Coaching is given for respective students to prepare for competitive examinations.
- Practical knowledge assessed by means of conducting practical examinations are evaluated by Internal and External examiners.
- Language Laboratory has been effectively used to improve the Communication skills and on-line tests are conducted for evaluation.

### 6.3.3 Examination and Evaluation

All components in any programme of study are evaluated continuously through internal assessment and an external assessment. Internal assessment is done throughout semester in the form of Internal assessment examinations and assignments. External evaluation is done at the end of semester in the form of end examination.

Question paper setters for end examination are from outside the college. Subject experts from our institute prepare the scheme of evaluation, giving guidelines for the examiners for distribution of marks for different points in the question. In case of numerical problems, solution of the problems with distribution of marks for different stages should be given in scheme of marking. Evaluation of answer scripts will be done by the external examiners from other colleges and universities.

The method of evaluation involves coding & decoding of answer scripts to ensure unbiased evaluation. Evaluation process is transparent. Institute communicates the outcome of the evaluation by publishing results on the internet through Institute website. Students shall be permitted to request for reevaluation of the end theory examination answer scripts within a stipulated period after announcement of the results. After reevaluation, records are updated with changes if any and the student will be issued a revised memorandum of marks.

Based on the credits and marks obtained by the student Semester Grade Point Average (SGPA) will be calculate for semester and Cumulative Grade Point Average (CCPA) will be calculated for entire program. Award of class will be finalized based on CGPA. A soft copy is sent to all departments and it can be used for clarification and result analysis.

### 6.3.4 Research and Development

- A separate Research and Development cell is functioning with a R & D Director.
- Efforts are being taken to obtain research projects, grants from funding agencies.
- Providing monetary incentives to the staff and students for presenting research papers in State. International, National level Seminar and Symposium.
- The Institution offers 50% of the registration fee with OD for faculty who are presenting the papers in national & International seminars.
- Rs. 1500 & 1000 cash award for paper presented in International and National Journals.
- Sharing of 40% of the consulting revenue to the consultancy team.
- Encouraging faculty to enhance their qualification [M.Phil/ Ph.D., programme]

**Physical Infrastructure**

SNSCT has sufficient infrastructures which includes, seminar Halls equipped with internet and projector with seating capacity of 200-7000 members Faculty rooms, Meeting rooms, Office , Class rooms ,Tutorial rooms, Boys common rooms, Girls common rooms, Laboratories equipped with necessary hardware and software, communication Laboratory, Research Laboratory , Library, Internet and wi-fi facility in the entire building.

The academic schedule is drawn at the beginning of the academic year itself in such a way that the available Air Conditioned Seminar Halls, Language Lab, Computer Centres, Hardware Labs, Audio Visual Rooms, LCDs, Play grounds, Gym, Digitalized Library, Dynamic Website, 24x7 Wi-Fi Campus, Controller of Examination Centre are utilized to the maximum extent by all the Departments without compromising the quality of service to the students.

**Library**

Printed books-titles: 11756, volumes: 40,258, Journals: 136 e-Journals: 235

Library Committee suggested a list of books based on interaction with the students and faculty members. This list was forwarded to concerning authority for sanction and purchase of books.

**ICT Infrastructure**

LCD projectors, Desktops, printers, Internet switches, Dot matrix printers, UPS, application software and systems software's

**Sports**

The institute has several sports facilities like Gym. Hall, Play grounds, carom boards, chess boards, badminton kits, cricket kit, TT kit, volleyball, football, etc. are available

### 6.3.6 Human Resource Management

A well established team manages Human Resource of the College. It is responsible for the attraction, selection, training, assessment, and rewarding of employees, while also overseeing organizational leadership and culture and ensuring compliance with employment and government laws. Proper care is taken in the selection process for keeping quality in the appointments. Staff sent for various types of training programme and workshops for enhancing their competence. Work distributed as per qualifications and experience of the staff. Incentive given to the staff.

The Governing Body is the supreme body which is headed by the Chairman of the Management Council. Two members of the Management (Correspondent and Secretary), UGC, University and the State Government Nominees, the Principal, Vice-Principal, Trustee, two External members as educationists and two Senior Professors of the College are the members. The Governing Body meets at least once in a year for providing valuable guidance in planning, organizing and execution of all academic and administrative activities.

The Principal of the College is the academic head of the Institution. He looks after the academic activities of the Institution and maintains a cordial relationship with the management and all stakeholders of Higher education.

### 6.3.7 Faculty and Staff recruitment

The faculty and staff recruitment is done on the basis of merit. The vacancies arising at different points of time are notified in news papers and applications are received. The candidates will be called for an interview through advertisement in regional/national newspapers, College Website and in response to their application for the posts submitted voluntarily.

- ▶ Constitution of the Selection Committee, consisting of the Members of the Management, Principal, HOD concerned and subject expert from outside.
- ▶ Conduct the interview paying importance to their aptitude, communication skill, interest in teaching profession, educational qualification, professional competency, subject knowledge etc.
- ▶ The College Committee will finally approve the selection and the Chairman will issue the appointment order to the selected candidate.

**Qualification, eligibility criteria, pay scale are as per the AICTE & state government norms**

### 6.3.8 Industry Interaction / Collaboration

- The Industry Institute Partnership Cell (IIPC) at SNSCT is intended to be the face of the institute to the industry. It aims to facilitate the process of close industry-institute interaction and actively promoting fresh avenues for the same. The Industry Institute Partnership Cell (IIPC) at SNSCT strives to enhance industry interaction with students and bridge the gap between academic and corporate world. IIPC invites entrepreneurs, executives and policy makers to address students thereby facilitating practical learning.
- Major events organized by the departments along with IIPC are,
  - Guest lectures
  - Industry visits
  - Inplant Trainings
  - Internships
  - Personality development and grooming sessions
  - Placement sessions
  - CEO Talk
  - MoU Signing
  - Industrial Projects

### 6.3.9 Admission of Students

The College ensures transparency in the admission process by strictly adhering to the guidelines issued by the AICTE, Govt. of Tamil Nadu, Directorate of Technical Education and Anna University.

In B.E./ B.Tech., 65% of seats are admitted through Counseling by Single Window System conducted by Anna University Chennai. Remaining 35% seats are admitted through Management Quota. Admission for Management Quota is done as per the procedure given by the Consortium of Self Financing Professional, Arts & Science Colleges in Tamil Nadu.

For PG Programmes such as MBA & MCA, 50 % seats are filled by Government Quota and the remaining 50% by Management Quota, in case of M.E/ M.Tech programmes out of 18 seats sanctioned 15 seats are filled by management quota and 3 seats by counseling.

Admission for Management quota is done as per the procedures of Consortium of Self Financing Professional, Arts & Science Colleges in Tamil Nadu.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>• Certificates of appreciation for producing 100% results in theory subjects and 85% and above results in analytical subjects in University examinations in the subjects handled.</li> <li>• Monetary incentives for publication / presentation of papers in peer-reviewed Journals and Conferences.</li> <li>• Granting permission for attending Conferences, Seminars, Workshops ,Faculty Development Programme , Summer /Winter school etc.[50% of registration fee]</li> <li>• Permission to register for doing M.E/ Ph.D., programmes to enhance their qualifications.</li> <li>• Some other benefits : <ul style="list-style-type: none"> <li>Group medical insurance</li> <li>Medical leave facility</li> <li>On duty facility</li> <li>Provident fund</li> <li>ESI</li> </ul> </li> </ul>
Non – Teaching	<ul style="list-style-type: none"> <li>➤ ESI Contribution by the Management</li> <li>➤ Group Insurance</li> <li>➤ Concessional Transport Facility</li> <li>➤ Medical leave facility</li> </ul>
Students	<ul style="list-style-type: none"> <li>➤ Financial assistance to economically weaker students</li> <li>➤ Merit Scholarship based on their academic performance</li> <li>➤ Remission of Tuition fees for deserving</li> <li>➤ Sports Concession in Tuition Fees</li> <li>➤ Free Lap top / iPad to MCA/ MBA Students</li> <li>➤ Best Student Award</li> <li>➤ State/Central Government Scholarship facilities</li> <li>➤ Support for getting Educational Bank Loan / Financial Assistance from Private Trust.</li> <li>➤ Subsidized Bus Fare</li> <li>➤ Group Insurance Scheme</li> </ul>

6.5 Total corpus fund generated

5 Crore

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	No	-	Yes	IQAC
Administrative	Yes	K.S.Palanisamy & Co, Coimbatore	Yes	Mr.V.Vaidyanathan

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

For UG Programmes      Yes  No

For PG Programmes      Yes  No

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

Multiple choice question are introduced  
 Case studies are introduced for MBA programme  
 Planning to introduce online tests for continues assessment.  
 Students can get photo copy of answer sheets and apply for revaluation.

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

Anna University, Chennai has taken the following efforts to promote autonomy:

- Academic freedom in autonomous colleges by encouraging introduction of innovative academic programmes
- Facilitate new courses of study, subject to the required minimum number of hours of instruction, content and standards
- Permitting them to issue their own provisional, migration and other certificates
- To reduce work effort by university people and with depute various nominees of the university to serve in various committees of the autonomous colleges and get the feedback on their functioning
- Providing opportunity to conduct examination more innovatively
- Academic flexibility to the institute
- The University Reviews the functioning of autonomy once in three years.
- Nominates its representatives to the statutory bodies - Board of Studies, Academic Council and Governing Body.

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

- The alumni association has been established to have strong linkage
- They also make generous contribution for the development of the college and students.
- An alumni meeting is conducted every year in the month of March/April.
- They regularly interact with the students to create corporate awareness.
- Guest Lecture are conducted through alumni.
- Department wise meeting is also held at least once in a year.
- Assist the college in getting placement for the current students.
- Member of various bodies/committees of the college and contribute to Curriculum revision, Program Outcome revision etc.,.

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

- Parents suggest the ways and means for the development of the college during parents meeting.
- Co-operate with the staff for the regularity and discipline of the students.

#### 6.13 Development programmes for support staff

- Encouraged to do higher studies in our college or outside.
- Training programmes are regularly conducted to improve their skills

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

The college is lying on the lap of green and resplendent natural beauty with a variety of flora and fauna. The inmates of the college are very careful to keep the campus plastic free. Various clubs and forums are actively involved in the maintenance of ecological; balance in the campus. The initiatives that have been put in place to promote the concept of '**reduce, reuse and recycle**' contribute to protecting the environment. The institute have the following eco-friendly scenarios. They are

- Waste Segregation
- Water Recycling
- Rainwater Harvesting
- Replacing tube lights with CFC bulbs.



## 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.

- Payment of fees in instalment for the needy.
- Study notes uploaded
- Attendance intimation system for Parents
- Increased involvement of management members
- Enhanced collaboration with other local bodies
- Seminar Classes for all years
- Linguistics and Logical Ability Test from II Year – IV Year
- Redesigned website
- Inaugurated a Free Clinic for the Public

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

IQAC planned the objectives for current year (2013-14) and its progress was monitored through action taken report monthly from all concerned persons. In its meeting these action taken reports were discussed and correction was done appropriately whenever it was required

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

Refer Annexure iii

#### 7.4 Contribution to environmental awareness / protection

SNS College of Technology seeks to provide an education combining the generous arts, work and service with a strong commitment to environmental responsibility and cross-cultural understanding in a setting that promotes wisdom, spiritual growth and contribution to the common good.

The environmental degradation is arrested through

- ▶ Luxuriously grown trees
- ▶ Tree Planting whenever necessary
- ▶ Conservation of energy by replacing the tube lights with CFL bulbs,
- ▶ Turning off electricity in class rooms and hostels, and other places when sunlight is naturally available in plenty
- ▶ Prohibition of movement of vehicles inside the campus
- ▶ Water harvesting
- ▶ Use of solar energy
- ▶ Hazardous waste management
- ▶ Inclusion of a course on 'Environmental Studies' in the curriculum.

7.5 Whether environmental audit was conducted?    Yes     No

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

#### **SWOT**

##### **Strength**

- ▶ Expanding Infrastructure with modern facilities and learning resources
- ▶ Well designed need based curriculum
- ▶ Development of research culture among the faculty and motivation for the research publications
- ▶ Impressive support services to students
- ▶ Participative Management System and eco-friendly initiatives

##### **Weakness**

- ▶ Students from rural background with low income and First Generation learners
- ▶ More Major Funded Projects to be obtained
- ▶ Research and Consultancy services to be enhanced
- ▶ Research publications with impact factor to be improved

**Opportunity**

- ▶ To introduce Inter Disciplinary courses
- ▶ To avail the maximum number of Funded Projects
- ▶ To develop foreign University tie-ups
- ▶ To introduce choice based credit system to students

**Threats**

- ▶ To meet the fierce competition in Higher Educational field
- ▶ Lack of qualified staff
- ▶ Sharp rise in expenditures
- ▶ Government regulations with regard to fee structure for students

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

1. Take steps for NBA Accreditation with Tier II system.
2. Conduct international seminars.
3. Energize the activities of all the clubs and forums in the college.
4. Equip the fitness centre with more equipment.
5. To achieve high standards in Research and Development
6. Collaboration with institution and industries to be strengthened

Name: Dr.L.M.NITHYA

Name Dr.S.CHENTHUR PANDIYAN

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

\_\_\_\_\_  
\*\*\*  
\_\_\_\_\_



**ACADEMIC SCHEDULE [ODD & EVEN SEMESTER]**

Sl. No	Contents	Academic Year 2014-2015	
		ODD	EVEN
	Reopening of II, III & IV Year	02.07.2014	02.01.2015
	IA1	11.08.2014- 19.08.2014	16.02.2015-23.02.2015
	IA2	22.09.2014-30.09.2014	23.03.2015-31.03.2015
	IA3	29.10.2014-05.11.2014	29.04.2015-05.05.2015
	Last Working Day	07.11.2014	12.05.2015
	Practical	10.11.2014	13.05.2015
	Theory	26.11.2014	20.05.2015

Sl. No	Contents	Academic Year 2014-2015	
		ODD	EVEN
	Reopening of I Year	01.08.2014	02.01.2015
	IA1	03.09.2014-10.09.2014	16.02.2015-23.02.2015
	IA2	13.10.2014-20.10.2014	23.03.2015-31.03.2015
	IA3	24.11.2014-01.12.2014	29.04.2015-05.05.2015
	Last Working Day	03.12.2014	06.05.2015
	Practical	11.12.2014	13.05.2015
	Theory	18.12.2014	20.05.2015

Stakeholder's Feedback Analysis

**a. Feedback from alumni**

Feedback on curriculum is obtained from Alumni, when they come to the college to get their original Certificates / Degrees on completion of the course and attend the Alumni Meet arranged by the department concerned periodically. Based on the feedback, the necessary recommendations are proposed in the Board of Studies for discussion and approval. Alumni are also a member in the Board of studies. The recommendations made by the alumni, subsequently discussed and approved by the BOS.

**b. Feedback from Parents**

During Parents' Meeting, parents meet the faculty to know about the academic performance, regularity, conduct and behaviour of their wards and they provide such information about the usefulness or suitability of the programme of their wards.

**c. Feedback from Peers**

The College gets feedback from the Subject Experts, Resource Persons, Members of Inspection Commission and External Examiner for conducting Viva-voce, Special invitees to the seminars, symposium and workshops arranged in the College campus to enrich the curriculum.

Based on the feedback, the necessary recommendations are proposed in the Board of Studies for discussion and approval. Some of the recommendations made by the Peer Team, subsequently discussed and approved by the Board of Studies.

**d. Industrial Experts**

Each Board of Studies is represented by a noted person from Industry. His / Her elucidations on the requirements of industry with regard to subject knowledge and skill are faithfully taken for consideration while revising / updating the curriculum.

Based on the feedback, the necessary recommendations are proposed in the Board of Studies for discussion and approval. Some of the recommendations made by the industrial experts subsequently discussed and approved by the Board of Studies.

## BEST PRACTICES

### **BEST PRACTICE I**

#### **1. Title of the Practice**

##### **ACT ON A DREAM**

SNS College of Technology stands as a pioneer in the field of visionary thinking. The college continues to excel in both cocurricular and extracurricular activities. One fine example is the successful launch of “Act On a Dream”, this is the largest student body governing council that acts as an umbrella to twenty nine clubs.

AOD (Act on a Dream) is a platform for every single budding engineer of SNSCT. Never before among the students, the revolutionary concept of Open-Saturday have been brought into effect that provides a chance to act on the dream. AOD comprises four main councils which emphasizes on both technical and non-technical excellence. Founded in February 2014, AOD is the largest student club at SNS College of Technology with around 2000 active members. Open Saturday Concept was designed and implemented, where the club members fight the obstacles to their dreams on a daily basis.

#### **2. Objectives of the Practice**

The main objective of Act on a Dream is to help the students to discover lost dreams and forgotten passions. The other objective of Act on a Dream is to encourage the spirit of belonging in the college by way of conducting club activities and organizing events and fests to bring out the creative side in everyone.

Act on a Dream works as a bridge to narrow the gaps between the college and the real world. It specializes in everything from coding to developing and music to MUN (Model United Nations)-ing. Act on a Dream is a daring venture urging everyone to follow their dreams. This is primarily why AOD has something for everybody.

#### **3. The Context**

AOD comprised of four main councils which concentrate on both technical and non-technical excellence.

The councils are

- Team Hype: Extra-curricular and Non-technical Activities,
- Triple Helix: Co-Curricular Technical Activities,
- Scholars on a Cause: Peer-to-peer knowledge imparting sessions and
- Random Acts of Kindness: Social responsibilities and moral activities.

These four councils are again subdivided into 29 sub-councils. Each of these sub-councils is provided with class rooms or Laboratories to organize the events and activities as per the schedule. Except for dance, music, and sports, the remaining groups are assigned with a particular resource person to handle the classes and to make the session much more interactive. Each council has a staff and student coordinator to monitor the sessions. The third Saturday is declared as open Saturday to conduct the activities of AOD.

Team Hype, which includes extra-curricular and non-technical activities, is a student-body favourite. The literary club, a part of Team Hype, serves as a retreat to all the poet-lovers and book-addicts. The MUN Club, has taken off with the launch of the maiden edition of SNS MUN. The students from the MUN club primarily constitute the SNS MUN SOC. The Communication skill and soft skills club, which is also a part of Team Hype, focuses on improving the communication of the students.

#### **4. The Practice**

During the odd semester of 2014, Act on a Dream was inaugurated in the first week of February 2014. The first open Saturday was organized on the third weekend of 2014. In the even semester of 2014, three open Saturdays were conducted. All the clubs went about their activities. Literary club successfully conducted its work by increasing the number of students enrolled by 200%. The MUN club has seen a strong delegation that has been to several external MUNs ranging from IITBHU MUN, Young Leaders Global Conclave 2015, ANOKHA Leadersmeet'15, SSN MUN 2014, VIT MUN 2014, SIMUN 2014, to name a few. The even semester of 2015 had around two open Saturdays. The year also saw the hosting of active events like SNS MUN 2015.

#### **5. Evidence of Success**

Act on a Dream over the past two years has been instrumental in driving students towards their dreams. The success of AOD can be seen in the following clubs.

- ▶ **MUN Club:** The number of MUNners has increased from 10 to more than 50 from 2013 to 2015. Hosting of the maiden edition of SNS MUN.
- ▶ **Graphics Club, Web Designing:** The members of the club thoroughly understood how to handle graphics and to design websites in a hands-on and practical method.
- ▶ **Foreign Language:** Mandarin was taught by a student of IV ECE, Ms. Vaishnavi and was found to be very useful by the students of the Foreign Language club.
- ▶ **App Development:** Fully functional applications were developed and implemented.
- ▶ **Dance Club:** The students of the Dance Club participated in external events held in reputed institutions like NIT-Trichy.

- ▶ **Photography Club:** A workshop on Photoshop was organized by the club in collaboration with a Rotaract club.
- ▶ **Awareness Campaign:** Students of the club collaborated with the students of the Department of Electronics and Instrumentation Club and participated in an awareness rally.
- ▶ The MUN club has seen a strong delegation that has been to several external MUNs ranging from IITBHU MUN, Young Leaders Global Conclave 2015, ANOKHA Leadersmeet'15, SSN MUN 2014, VIT MUN 2014, SIMUN 2014, to name a few.

## 6. Problems encountered and Resources required

- ▶ **Limited Open Saturdays:** There was a lack of continuity between two consecutive open Saturdays. The major cause was most third Saturdays were declared as a holiday by the Government. Another cause was the internal assessment exams had to be conducted on a few third Saturdays, because considering 6 subjects, it is more practical to complete the internals in one solid week.
- ▶ **Attendance:** When the week following an Open Saturday is a holiday, then the number of students attending the Open Saturday also reduces, with most hostel students leaving to their hometowns. This causes a significant drop in the number of students present.
- ▶ **Healthy Competition between Clubs:** A healthy competition should be ensured to make the clubs even more interesting and even more creative. A suggestion is to encourage competitions between clubs to see who turns out with the upper hand.

## 7. Suggestions to improve AOD's Reach:

- ▶ Open Saturdays can be held on the first and third Saturdays (agreed upon by everyone)
- ▶ Morning session can be learning something new; afternoon session is implementation of the newly acquired knowledge.
- ▶ AOD always has to be about learning the unknown.
- ▶ MUN SOC and the literary society have head-to-head debates
- ▶ Have inter-club contests.
- ▶ Prohibit the screening of videos in all clubs.
- ▶ Powerpoint presentations can be made to a maximum of 45 minutes.
- ▶ Introduction of graffiti
- ▶ More opportunity to be given at music club and dance club
- ▶ Organize fests on the last Open Saturday of the academic year

## 8. Overall Growth and Development:



Efforts had been taken by Act on a Dream to ensure the smooth functioning of all the four councils.

For all the clubs under Scholars on a Cause, the following have been worked upon.

- Team-building activities
- Mock Interview
- Practice sessions for Competitive Exams
- Practice Tests for Competitive Exams
- Programmes under E-Club

To help reach the goal of Scholars on a Cause, that is 'development of the 'Academic and Curriculum' performance of the students, by taking them a step ahead to the real time circumstances and creating a better awareness', informative sessions had been organized with experts in the field as the resource person. Placement activities, entrepreneurship development and guidance for pursuing higher studies have also been the prime focus of the Scholars on a Cause.

For Team Hype, the following activities have helped its growth. The primary improvement is the students of Team Hype being proactive in all inter-collegiate as well as intra-collegiate activities. There have been several participants in the Model United Nations from the students of the MUN Club, who constitute the SNS MUN SOC that has been instilled. The students from the music and the dance clubs have successfully participated and won several, if not all dance competitions in and around the city. The following facilities have been made available readily for them to develop their talents.

- Prompt communication of events to be held.
- A platform to showcase their skills by way of annual day.
- Availability of the resources of the college to be utilized upon request.

Mock sessions and practice sessions as well as an orientation with the rules of procedure being conducted regularly on a monthly basis for the students of the Model United Nations Club.

The students of Random Acts of Kindness have become better people and are kept constantly in touch with their humaneness with the activities that are conducted by Random Acts of Kindness. The students of Acts of Charity have successfully instilled a box of charity in common places around the campus, such as near the library. Awareness Campaigns had been organized with inspiration being taken from the first year students who have been actively spreading awareness about a number of issues of importance ranging from the necessity for wearing safety helmets while riding a bike to other issues of global importance.

To achieve this, the following activities have been organized and the following contributions have been made.

- The students have been made to be more aware of all issues and were made more compassionate.
- Humane and compassionate resource persons addressed the students of the respective clubs.
- The fund raised by acts of Charity had successfully reached the intended.
- It was also productive in providing blood for those in need at their request, upon collection and compilation of the blood database of all the students in the college.
- Students were also encouraged to be a part of independent not-for-profit organizations like Make a Difference, Bhumi, Connecting NGO and also Rotaract clubs like Rotaract Symphony and Unity.

The Students of Triple Helix have had a very productive year as they caught up with the fast pacing world of technology and glitz.

- Applications were developed and understood after understanding the basis upon which each application was built.
- Open-sourced Android was made use of for accessing the code used for the development of the application.
- Websites were designed, at first with the help of other websites that do not require any encoding and decoding and they then moved on to coding from the scratch.
- Other useful tools like multimedia, photoshop and animation were also taught and implemented.
- A substantially strong team had been built with ample talent available, already in the ready-to-use form, as students from SNS College of Technology who are using their technical skills for the greater good.

All the clubs of SNS College of Technology worked with a purpose, for instance, the Dramatics club of AOD aims at staging dramas with an Indian flavor and to take a break from the Shakespear & Marlo type of dramas and get into something different that relates to us more than any conventional drama could. Because, why go all Western when you can go all Desi?!

In this way the clubs of Act on a Dream have been functioning effectively and continues to help students realize their dreams.

## **BEST PRACTICE II**

### **1. Title of the Practice**

#### **SNS MUN 2015**

Model United Nations is a simulation of the United Nations Organisation. Students from various streams of study participate in this conference as delegates representing various countries and discuss global political, economic and social issues. This trend was started at Harvard University and is being successfully practiced across the globe. SNS College of Technology has the pride and privilege of being the second college in Coimbatore to have its very own MUN.

### **2. Objectives of the Practice**

The learning objectives of MUN Assemblies are to enable participants to:

- Gain insight into the workings of the United Nations and the dynamics of international relations by providing opportunities to assume the roles of UN representatives
- Understand relations between countries and particularly power relations between rich and poor countries
- Carry out in-depth research which will include geography, history, science and economics related to climate change and issues of global poverty and the MDGs
- Debate the issues that confront world leaders and draft resolutions in response to these global issues
- Develop and experience important social skills such as teamwork and group cooperation, conflict resolution, negotiation, consensus-building, critical thinking, public speaking and listening.

### **3. The Context**

The Chief Executives of MNCs / Vibrant Corporate who rule the job market lament that more than 80% of graduates who come to them for employment are not employable for want of required skills, right temperament and needed leadership acumen. This sad state of affairs may be due to the students' socio-economic background, study in Tamil medium schools and non-exposure to current development. However, this reality is realized, of late, by all the stakeholders of higher education. To arrest this trend of increasing unemployable graduates, Autonomous Colleges especially, have to play a vital role in revamping of curriculum by embedding Soft Skill Courses in existing programmes. In this context, this Institution has introduced under Part IV, Skill Based Subjects I, II and III in Semesters III, IV and V respectively. These courses are designed to equip the students with Aptitude Skills, Communication Skills, Intrapersonal and Interpersonal, Group Discussions, Interview and

Presentations and Technical Skills. This innovative Soft Skill and Aptitude Training Programme is further expanded from 2013-2014 to the whole strength of students at UG and PG level with the support of Professional Trainers who train the trainers and students.

#### **4. The Practice**

Considering the mediocre level of students in studies and their insufficient potentialities, the Institution had been offering for many years Spoken English classes for all the First year UG students and Aptitude classes for Final year UG and PG students. These classes were handled by the faculty of English and Mathematics respectively with a view to strengthen the Communication Skill in English, Aptitude, Mental Ability and Reasoning Skill of the students to make them successful in getting employment. The Placement Cell of the College arranged Pre-Placement Training by conducting Group Discussion, Mock-Interviews, Tests in Aptitude, Analytical and Logical Reasoning at the Final Semester of the UG and PG Programmes.

On the College becoming autonomous from 2013, it decided to revamp the curriculum by including the course in each programme at UG level. They are designed as Career Development Programme I, II, III & IV to be studied in Semesters III, IV, V and VI respectively. Each Course is allotted with 4 hours per week carrying 2 credits. These courses are handled by the regular faculty belonging to English, Mathematics and faculty from departments concerned.

The syllabus / contents are well designed in advance for each year, keeping in mind their progression from basics to advanced level.

This unique / innovative programme has its attended constraints or limitations:

- ▶ The faculty who handle this programme containing various components such as Communication, Aptitude, Group Discussion etc., are not fully resourceful.
- ▶ Professionally trained persons in these components are to be posted for recharging the regular teachers.
- ▶ On-line testing in aptitude, mental ability, analytical and reasoning skills are to be stepped gradually by augmenting the infrastructure.
- ▶ Limited contact hours only could be apportioned per week in each semester for First / Second / Third year students.
- ▶ Students find it difficult to grasp the contents quickly as many of them are first generation learners. They studied in Tamil medium schools, and possess limited exposure to outside world.

## **5. Evidence of Success**

An analysis of the feedback obtained from the UG and PG students on the usefulness and relevance of the Soft Skill courses clearly shows that they welcome this innovative step with open mind. Some of the senior UG and PG students feel this is a right step at right time taken by the college to enhance their performance in getting placements in MNCs and becoming entrepreneurs.

The Placement Cell is quite satisfied with the splendid performance of students in Campus / Off Campus interviews. Some of the students, who would have been eliminated at the entry stage itself during recruitment drive, are short-listed in leading corporate organizations due to their proficiency in communicating in English and performance in Aptitude Tests. The number of students placed in MNCs such as DELL, WIPRO, TCS, iGATE etc., has increased when compared with the number of students placed in the previous years.

Negligible absenteeism of students in these classes speaks of the success of this practice and its positive and fruitful impact on students' progression in terms of employment.

## **6. Problems Encountered and Resources Required**

The expansion of this practice to all students in all semesters has made college to face the problem of shortage of professionally trained teachers to handle Skill Based Subjects. The college, therefore, entered into MoU with Professional Trainers to handle these Subjects which are supportive services to the students. The regular teachers who are not fully resourceful to handle these subjects are recharged with the assistance of Professional Trainers in a regular manner.

Most of the students belong to first generation learners, rural areas, and Tamil medium schools. As a result, it is a problem to sustain their grasping power, concentration and interest throughout the class. The contents, teaching methodology and evaluation process and constant counseling refined these students to make this practice a fruitful one.

Competent teachers, well prepared study materials, facilities for conducting on-line tests are the resources required for the successful implementation of this practice.

## **7. Notes:** Other information that may be relevant for implementing this Best Practice in other Institutions:

- ▶ This practice should invariably be introduced as a course in each programme.
- ▶ The contents of this practice should be of high standard.
- ▶ Online facilities for conducting tests have to be strengthened.

- ▶ While recruiting the teachers, adequate care must be taken in assessing their attitude, aptitude and teaching skills to handle logical, verbal, non-verbal reasoning, numerical ability, communicative skills and soft skills.
- ▶ Teachers who are handling this course must be professionally trained and skilled.

## **8. Report on the Council Proceedings:**

### **UNGA:**

- ▶ In the UNGA, the agenda discussed is disarmament race with special emphasis on Nuclear weapons. On the first day of the council, there were two sessions that held. On the first session, the delegate of Japan spoke of the mass destruction faced during World War I& II. All the delegates spoke of nuclear weapon. The delegates stressed the need for the NPT. The delegate of Afghanistan believed that a nuclear free world can be created only with the long term policies.
- ▶ There were several views that the various countries presented. One country said that the world war III will be fought because of global warming. Another delegate was of the opinion that it will start because of nuclear weapons. The optimistic delegate of Indonesia stated that the world war III is not going to happen. For the purpose of crude oil, world war III will rain.. Bhutan stated that the usage of nuclear weapons has adverse effects. Uranium and nuclear materials have uses, so they should be accounted for, unlike what Canada says.

### **UNSC:**

- ▶ The threat of ISIS(Islamic State of Iraq and Syria) was discussed in the UN Security Council. The ISIS is a non-state actor. The funding for the ISIS was discussed in the council. Beside that, the source of the weapons was also discussed. The weapons were supplied to the Syrian Arab Republic Government was given Russian Federation and the United States of America. A crisis was given to the council. The ISIS terrorists had taken over the US embassy in Germany.
- ▶ The ambassadors of USA, Japan and Israel were some of the people who were inside the building. The council reconvened with the delegates discussing the update that was given. The next update that was given stated that the ISIS has to be recognized as a member of the United Nations. Several other absurd demands made. Some of them included payment of nearly half a million dollars as ransom per delegate. Around 5 billion dollars was also

demanded. The delegates never succumbed to the demands, as they understood that paying ransom was not possible.

- ▶ The delegate of the United States of America stated that USA does not negotiate with terrorists. Israel made a statement that Israel wanted to have peace-talks with the non-state actors like ISIS. Later after the crisis update, delegate of Israel wanted to have a military operation. An emergency resolution was drafted on the second day, which was ultimately vetoed by USA.
- ▶ Recommendations of the resolution drafted must have been forwarded to the United Nations. However, a consensus could not be reached by the UNSC because of the ability to veto, which was used frequently by the delegates of USA, Russia, France, United Kingdom and Republic of China.
- ▶ In all, SNS MUN 2015 ended with several delegates from SNS College of Engineering and SNS College of Technology being exposed to the world of Model United Nations and have continued to delegate since their first one, that is, SNS MUN 2015. There has already been much enthusiasm about hosting SNS MUN 2016 already.

**\*\*\*\*\* AQAR 2014-2015 \*\*\*\*\***