ACADEMIC YEAR: 2017 - 18

Students Feedback Analysis Report

31.07.18

I. Feedback from outgoing students (Exit survey)

No. of Respondents: 765

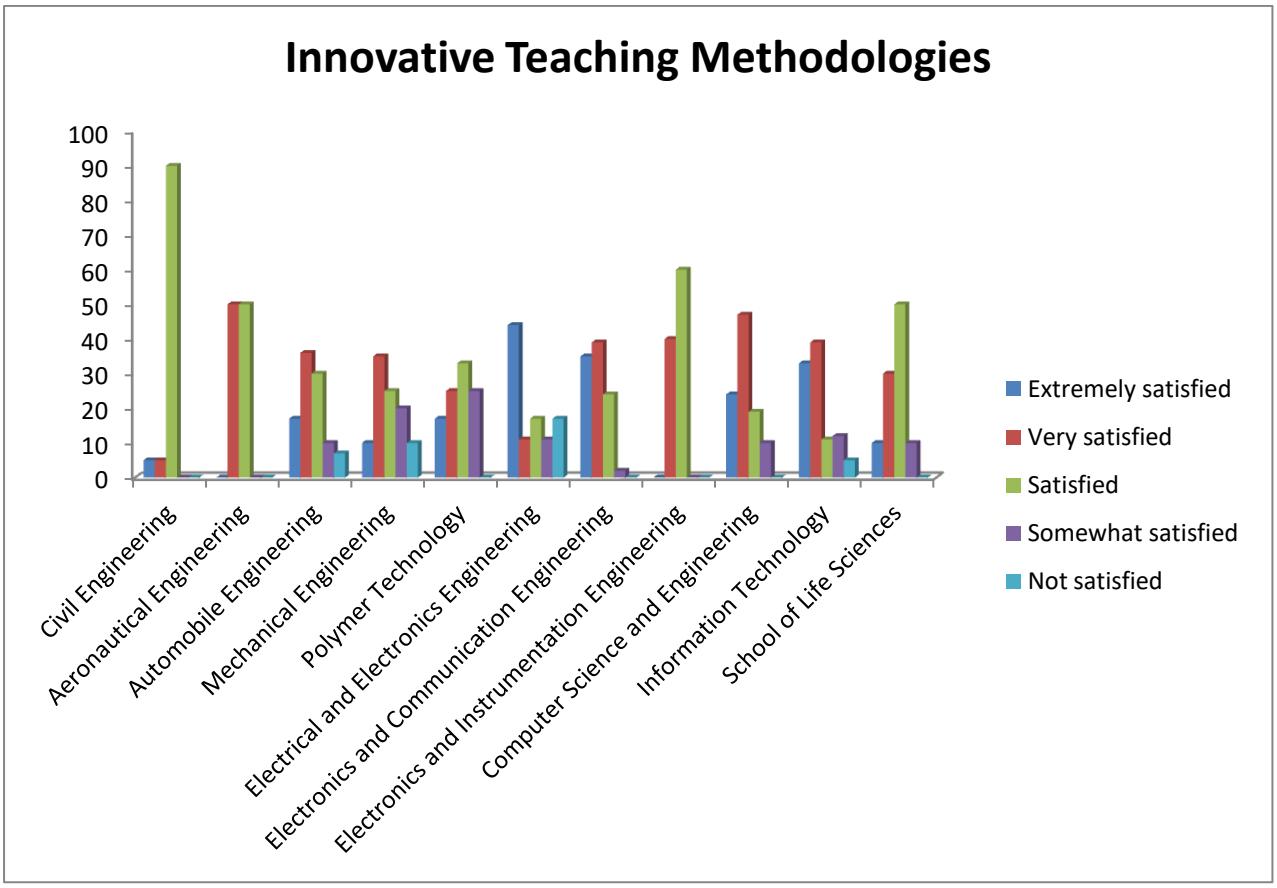
Exit survey was taken from the passed out students in the academic year 2017-18 on the following parameters. (During April - May 2018)

1. Assessment of abilities, skills and attributes acquired at B.S. Abdur Rahman Crescent Institute of Science and Technology.
2. Assessment of the Learning Environment at B.S. Abdur Rahman Crescent Institute of Science and Technology
3. Assessment of Support Services
4. Assessment of curriculum offered, schedules and question paper standards
5. General Assessment

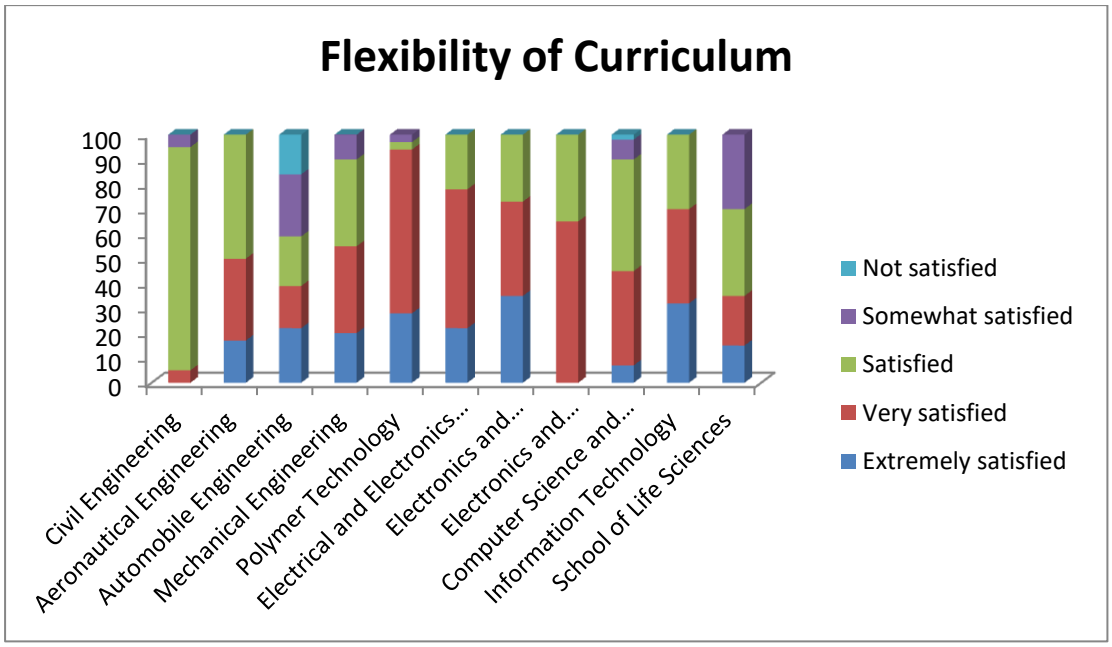
From the above parameters, the following were critically analysed and reported:

- Usage of Innovative Teaching Methodologies
- Flexibility of Curriculum
- Encourages Self Study
- Provide Enough Skills on design and problem solving techniques
- Coverage of cutting edge technology topics in order to face the future
- Coverage of advanced topics to take up career in research
- Promotes Intellectual Growth
- Computer & Internet Facilities
- Library Facilities
- Canteen Facilities
- Sports Infrastructure
- Hostel Facilities

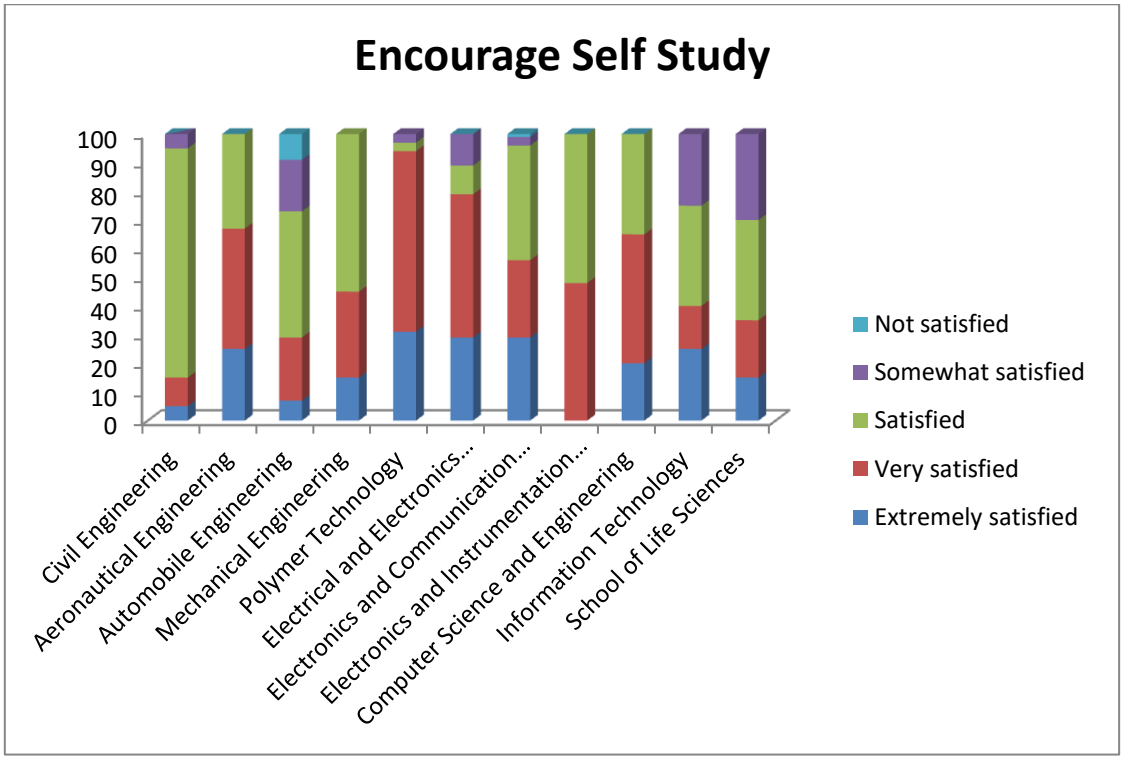
❖ **Usage of Innovative Teaching Methodologies**



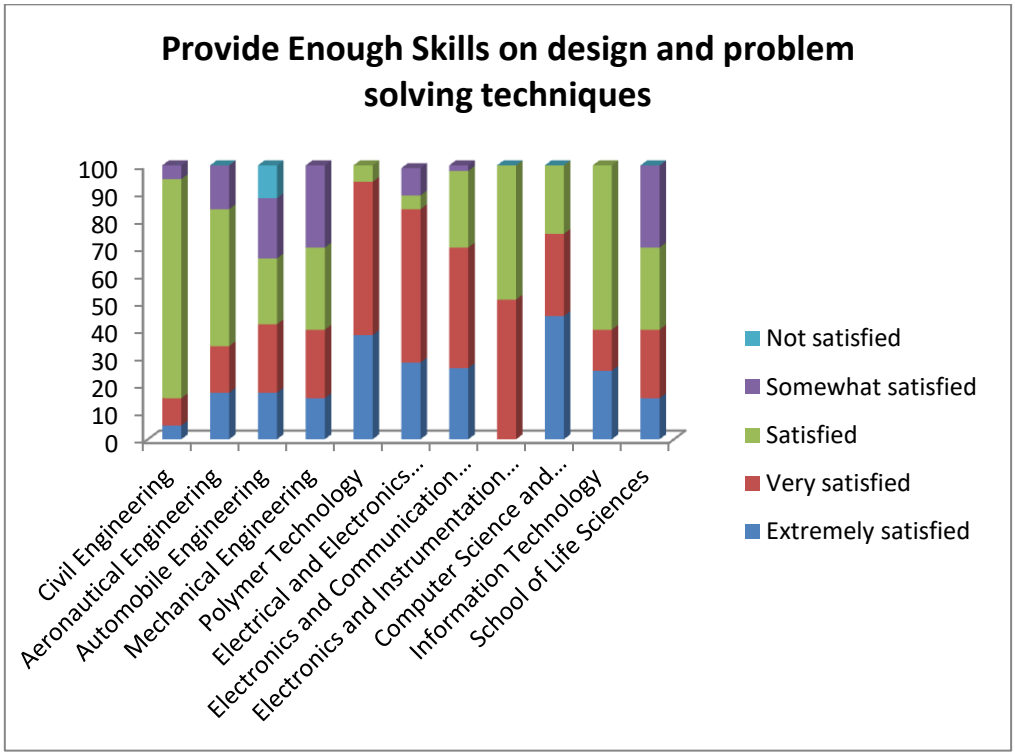
❖ **Flexibility of Curriculum**



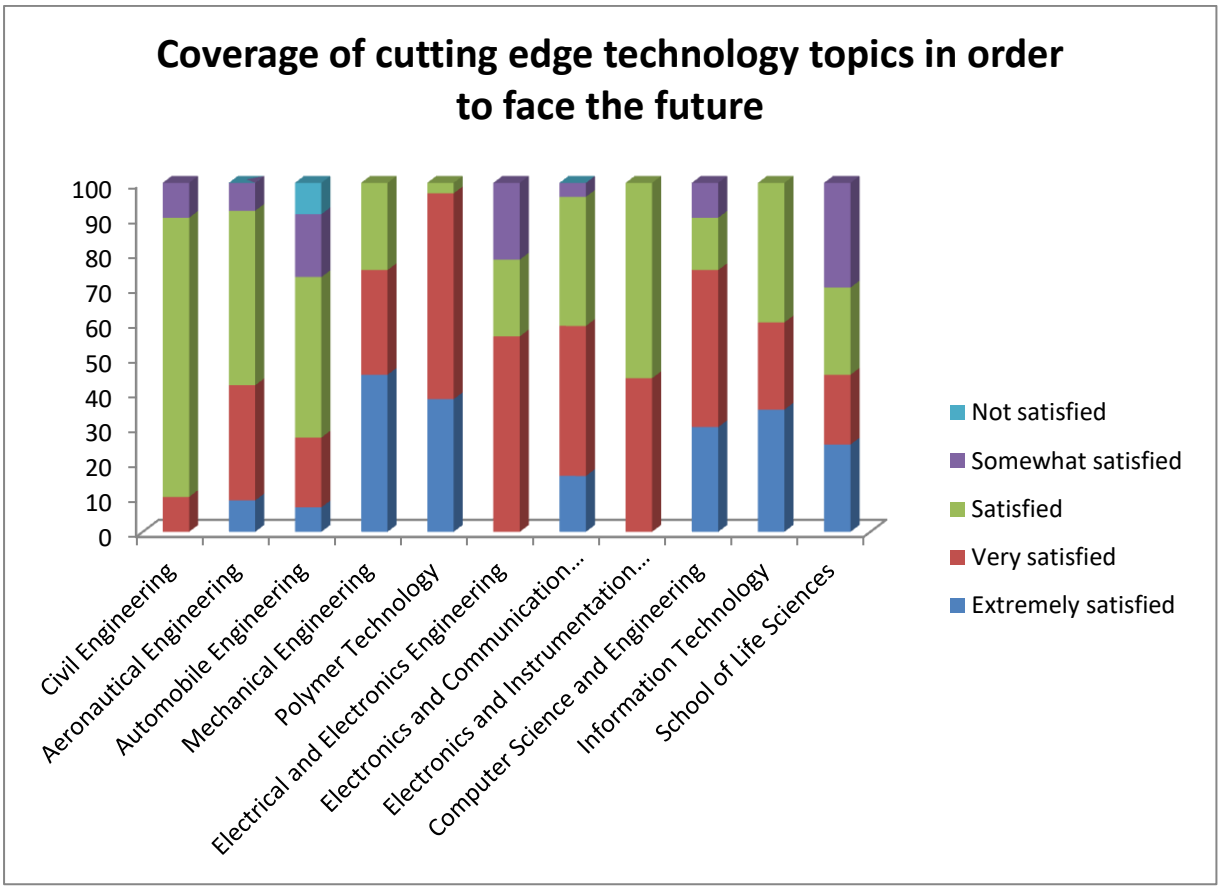
❖ **Encourages Self Study**



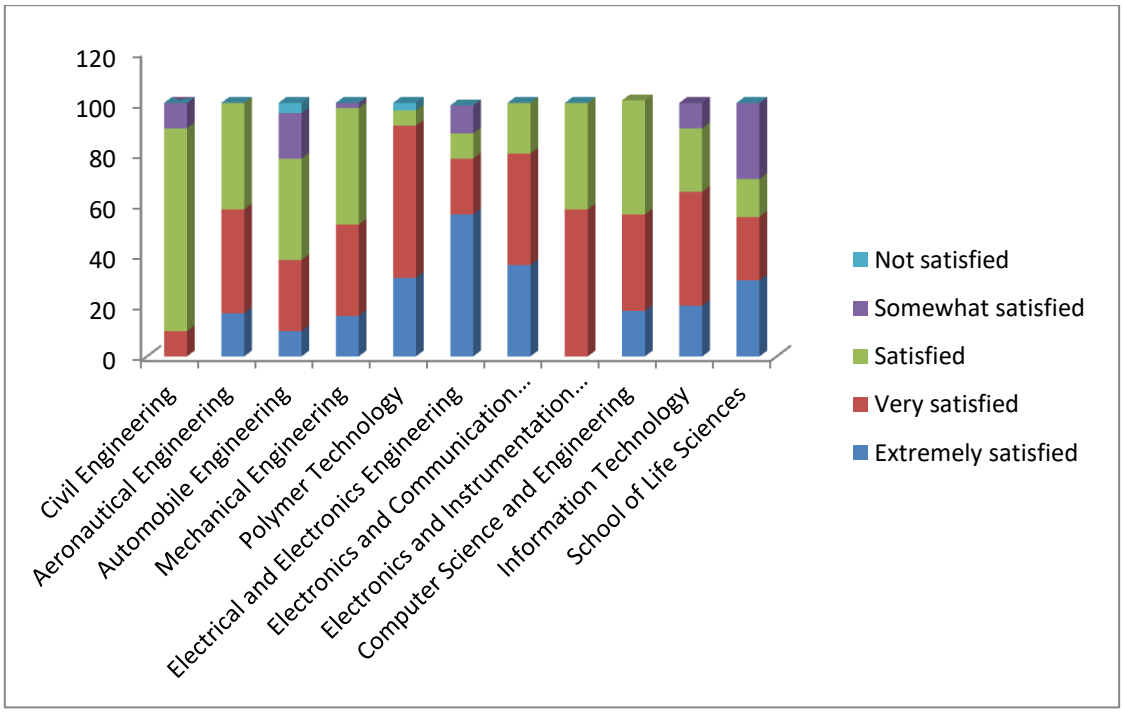
❖ **Provide Enough Skills on design and problem solving techniques**



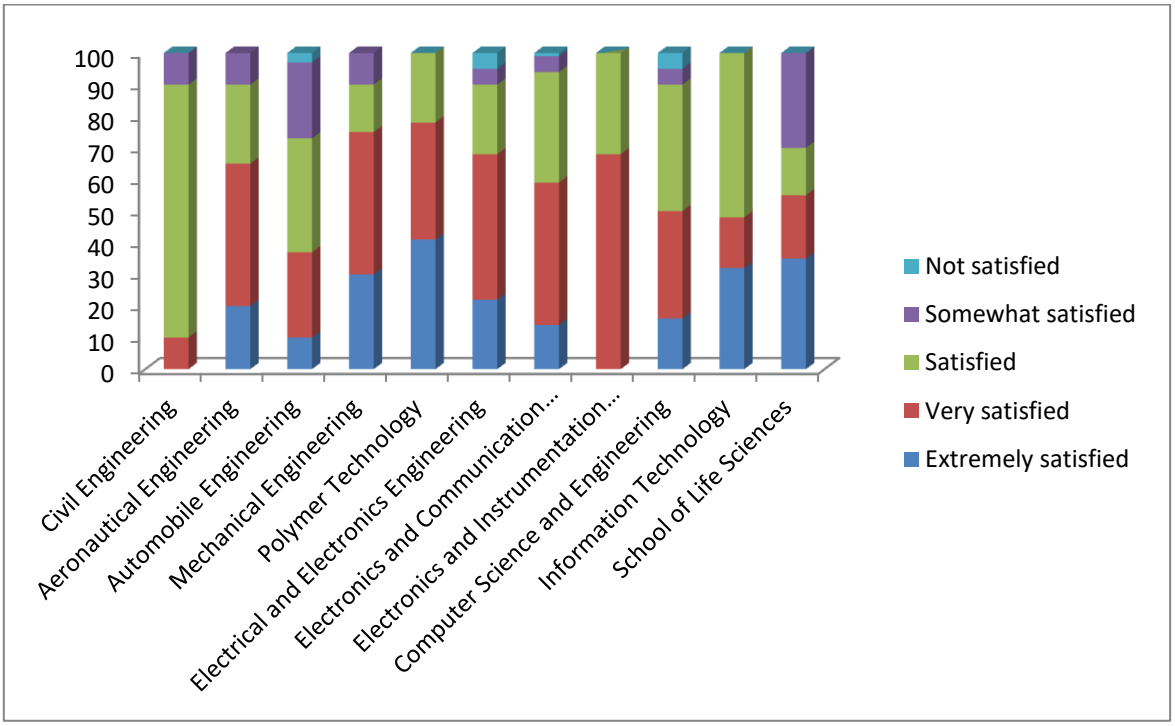
❖ **Coverage of Cutting edge Technology topics in order to face future**



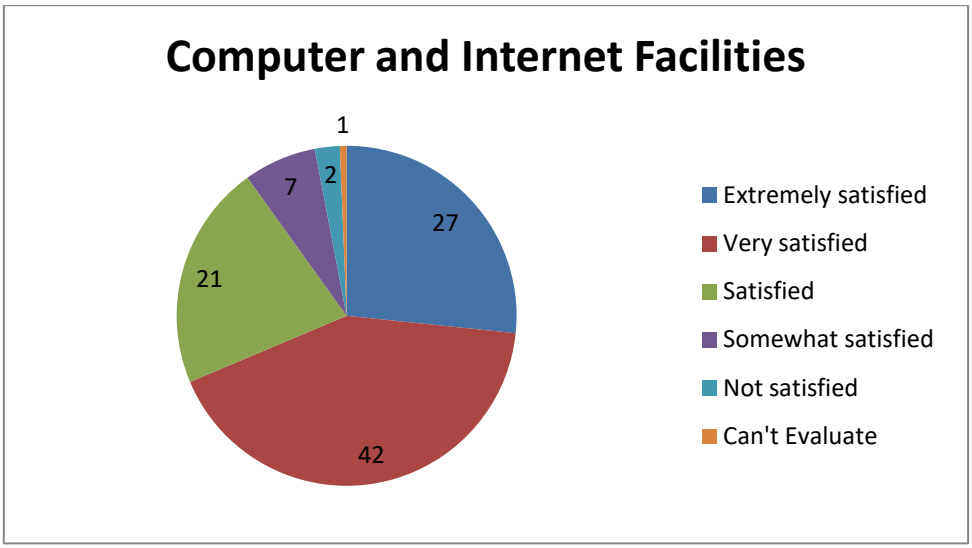
❖ **Coverage of advanced topics to take up career in research**



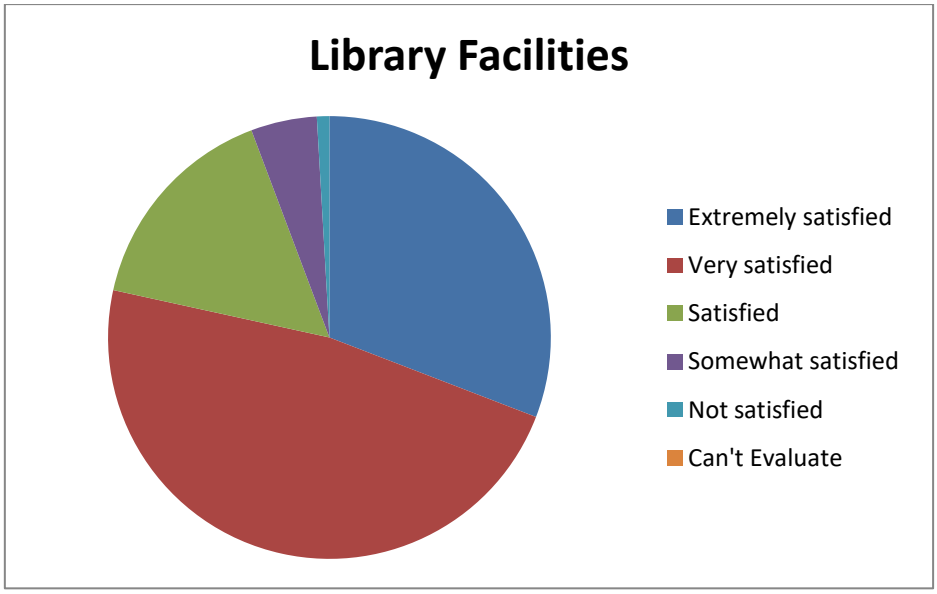
❖ **Promotes Intellectual Growth**



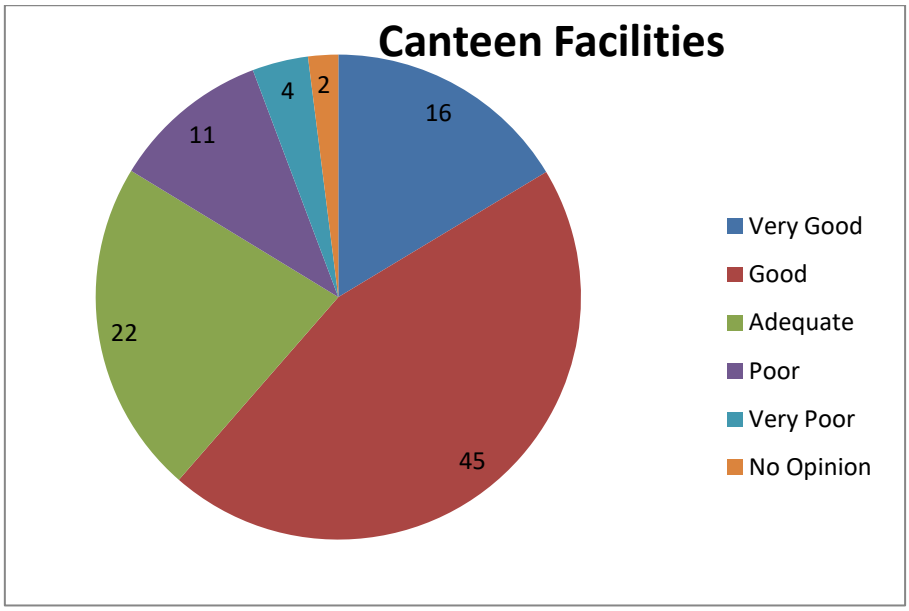
❖ **Computer and Internet Facilities**



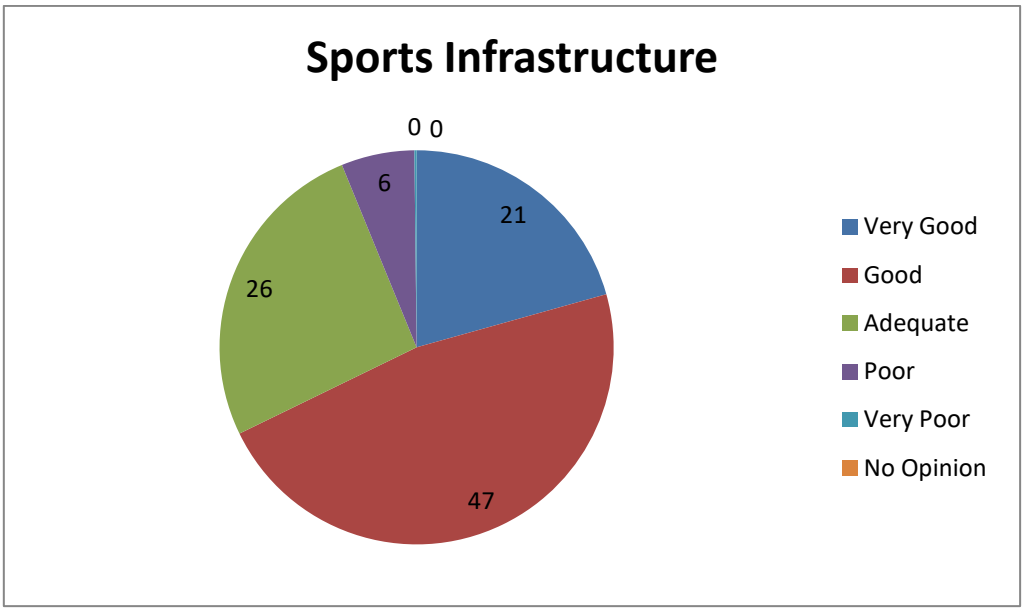
❖ **Library Facilities**



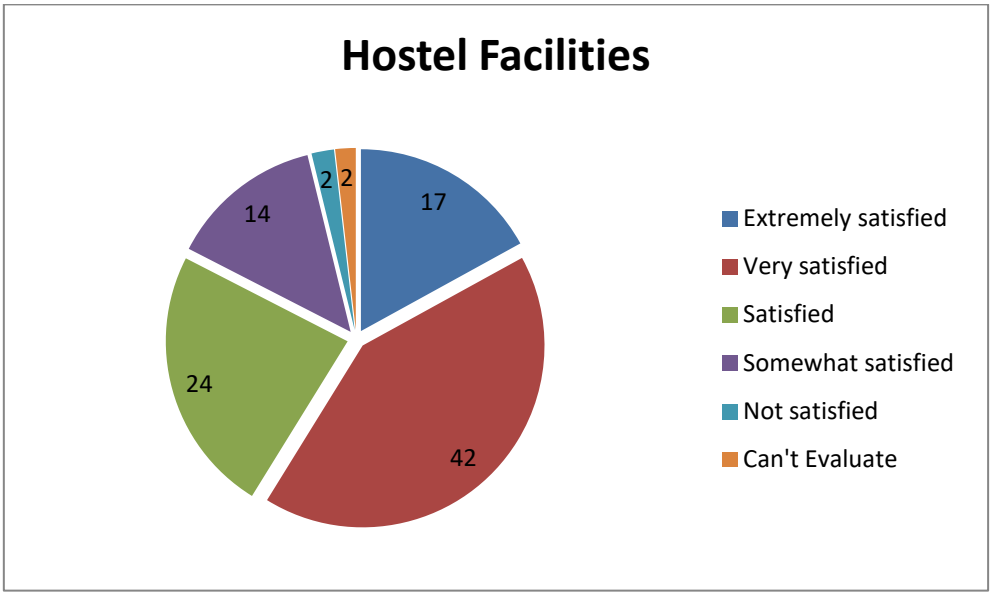
❖ **Canteen Facilities**



❖ **Sports Infrastructure**



❖ **Hostel Facilities**



Suggestions on Curriculum & Syllabi:

1. Department of Civil Engineering

Addition of Courses:

Economics, Environmental Studies, Sustainable Engineering, Advanced Construction Management, Advanced Construction Techniques and Machines

Primavare, BIM and 3D Max software shall be included

E-learning and curriculum updation based on Industrial Needs

Deletion of Courses:

Law, Biology

2. Department of Aeronautical Engineering

Addition of Courses:

Helipcopter Aerodynamics, Space dynamics, Control systems, Matlab programming

3. Department of Automobile Engineering

Addition of Courses:

Vehicle Dynamics, Hybrid vehicle, Vehicle testing, Agricultural program

Deletion of Courses:

Law for Engineers, Biology for Engineers, Environmental Science, Management of Business Organization

4. Department of Electrical and Electronics Engineering

Addition of Courses:

PLC / SCADA, Aptitude development course, Sales & Marketing, Advanced Control System, Power system software

Deletion of Courses:

EMT, Fluid mechanics, OOPS, Computer Architecture, Comprehension, Confidence Career Building, Biology for Engineers, Engineering Mechanics, Applied Dynamics

5. Department of Electronics and Communication Engineering

Addition of Courses:

Control System, Python, Robotics

Deletion of Courses:

Law for Engineers, CEO and leadership, Sociology

6. Department of Electronics and Instrumentation Engineering

Addition of Courses:

IoT with lab session, Matlab Simulation, Aptitude and Communication English, Automation PLC, Circuit Design

Deletion of Courses:

Economics, Biology for Engineers, Sociology, Law, Engineer Graphics

7. Department of Polymer Technology

Addition of Courses:

Mould flow analysis, Biomaterials Testing, Industry Safety, Quality check Management, CFD and Testing

Deletion of Courses:

Sociology

8. Department of Computer Science and Engineering

Addition of Courses:

Dynamics courses based current Industrial demands, Hands on training programme

Deletion of Courses:

Principle of Programming

9. Department of Information Technology

Addition of Courses:

Machine learning, Artificial Intelligence, Robotics, Big data concepts, Hands on Training programme

Deletion of Courses:

Engineering Mechanics, Electrical and Electronics

Final Remark:

1. **The analysis clearly indicates that about 70 - 90% of students are very much satisfied with curriculum, teaching-learning process, coverage of cutting edge technology courses, courses emphasizing on skill development, teaching infrastructure, library facilities, Internet facilities etc. offered by the Institution.**
2. **There is a suggestion / request for change in curriculum and syllabi of courses across all the departments.**

3. **There is a suggestion for incorporating more courses on cutting edge technology areas.**

Annexure : Sample exit feedback forms received from students

II. Level II feedback (about the course)

Level II feedback for the ODD semester 2017-18 was obtained course wise from students during November 2017. These feedbacks were collected and collated in the department level and important suggestions / ideas given by the students for enhancing the curriculum & syllabi was shortlisted.

Level II feedback for the EVEN semester 2017-18 was obtained course wise from students during April 2018. These feedbacks were collected and collated in the department level and important suggestions / ideas given by the students for enhancing the curriculum & syllabi was shortlisted.

The above collated points were deliberated in the respective board of studies of departments which were held during December 2017 – January 2018 (I slot) and during June - July 2018 (II slot) for further approval from Eleventh Academic Council which was held on 18.01.2018 and Twelfth Academic Council meeting held on 29.08.19.

Annexure : Sample feedback forms received from students about course work and other curriculum related suggestions:

The most common points raised by the students are:

- Change in question paper pattern of semester end examinations.
- Conduct of supplementary examinations for passed out students with arrears.
- Revision of curriculum & syllabi of B.Tech. programmes
- Introduction of new elective courses.
- Introduction of courses emphasizing on project based learning

Dean, Academic Affairs

Annexure: Sample Exit Feedback form

Exit Survey from Outgoing Students (May - June 2018)

Branch/Program: Civil B.tech

Name: SHASHANK. SAI. R Gender: M / ~~F~~

Year of Graduation: 2018 CGPA: 7.72

Future plans (check all that apply)

I intend to work in software industry.
I intend to work in core engineering industry. ✓
I intend to go for higher studies.
I intend to start my own business.
I intend to do other things (please specify): _____

Please fill in the tables concerning the skills, abilities, attribute and Programme outcome that you have acquired while studying at B.S. Abdur Rahman Crescent Institute of Science & Technology.

1. Assessment of abilities, skills , attributes and Programme outcome acquired at B.S.A Crescent Institute of Science and Technology.

Please rate each of the following skills, abilities or attributes in terms of how well your education at B.S. Abdur Rahman Crescent Institute of Science & Technology has prepared you.

Very well prepared **- 5** ***Well prepared*** **- 4** ***Prepared*** **- 3**
Somewhat prepared **- 2** ***Not prepared*** **- 1** ***Can't evaluate*** **- 0**

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	0	1	2	3	4	5
Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	0	1	2	3	4	5
Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	0	1	2	3	4	5
Use research – based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.	0	1	2	3	4	5

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	0	1	2	3	4	5
Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	0	1	2	3	4	5
Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	0	1	2	3	4	5
Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	0	1	2	3	4	5
Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	0	1	2	3	4	5
Communicate effectively on complex engineering activities with the Engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	0	1	2	3	4	5
Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	0	1	2	3	4	5
Recognize the need for, and have the preparation and ability to engage in independent and life -long learning in the broadest context of technological change.	0	1	2	3	4	5
PSO1: • Identify suitable construction materials, techniques and practices for Civil Engineering construction.	0	1	2	3	4	5
PSO2: • Plan, analyze, design and estimate civil engineering structures using relevant software and appropriate codal provisions.	0	1	2	3	4	5
PSO3: • Characterize water & wastewater and design sustainable water supply & sanitation schemes.	0	1	2	3	4	5

2. Assessment of the Learning Environment at B.S.A Crescent Institute of science and Technology.

Please indicate your satisfaction with respect to your experience in each of the following aspects at B.S. Abdur Rahman Crescent Institute of Science & Technology:

***Extremely satisfied* - 5** ***Very satisfied* - 4** ***Satisfied* - 3**
***Somewhat satisfied* - 2** ***Not satisfied* - 1** ***Can't evaluate* - 0**

A. Quality of instruction and support for learning provided by the faculty members in:

Basic Science Courses (Mathematics, Physics, Chemistry)	0	1	2	3	4	5
Computers (Programming and usage of software packages)	0	1	2	3	4	5
Language (English)	0	1	2	3	4	5
General Engineering	0	1	2	3	4	5
Management	0	1	2	3	4	5
Economics	0	1	2	3	4	5
Soft Skills	0	1	2	3	4	5

B.

Quality of instruction and support for learning given by technicians	0	1	2	3	4	5

C. Quality of advice by the staff with respect to:

Academic planning	0	1	2	3	4	5
Career planning	0	1	2	3	4	5
Personal counselling	0	1	2	3	4	5

D. Equity of treatment by:

Academic Administrators	0	1	2	3	4	5
Faculty	0	1	2	3	4	5
Technicians	0	1	2	3	4	5
Fellow students	0	1	2	3	4	5

E. Quality of the facilities:

Classrooms	0	1	2	3	4	5
Science laboratories	0	1	2	3	4	5
Engineering Laboratories	0	1	2	3	4	5
Computing facilities	0	1	2	3	4	5
Libraries	0	1	2	3	4	5
Internet facility	0	1	2	3	4	5

3. Assessment of Support Services

Very good **- 5** ***Good*** **- 4** ***Adequate*** **- 3**
Poor **- 2** ***Very poor*** **- 1** ***No opinion*** **- 0**

A. Academic Services:

Admissions office	0	1	2	3	4	5
Registrar office	0	1	2	3	4	5
Controller of Examinations office	0	1	2	3	4	5
Placement & Training office	0	1	2	3	4	5
Class advisor	0	1	2	3	4	5

B. Administrative Offices:

Administrative Office in your department	0	1	2	3	4	5
Administrative office in the BSACIST	0	1	2	3	4	5

C. Other Services:

Medical facility	0	1	2	3	4	5
Canteen	0	1	2	3	4	5
Hostel	0	1	2	3	4	5
Sports and games	0	1	2	3	4	5
Transport	0	1	2	3	4	5
Extra-curricular activities	0	1	2	3	4	5
!nformation dissemination	0	1	2	3	4	5
Others (specify)	0	1	2	3	4	5

4. Assessment of curriculum offered, Academic schedules and question paper standards

Please indicate your satisfaction with respect to your experience in each of the following aspects at B.S. Abdur Rahman Crescent Institute of Science & Technology:

***Extremely satisfied* - 5** ***Very satisfied* - 4** ***Satisfied* - 3**
***Somewhat satisfied* - 2** ***Satisfied with modification* - 1** ***Not satisfied* - 0**

A. Curriculum:

Flexibility of the curriculum	0	1	2	3	4	5
Provides enough skills on design and problem solving techniques	0	1	2	3	4	5
Encourages self study	0	1	2	3	4	5
Coverage of cutting edge technology topics in order to face the future	0	1	2	3	4	5
Coverage of advanced topics to take up career in research	0	1	2	3	4	5
Promotes intellectual growth	0	1	2	3	4	5
Enhances our employability	0	1	2	3	4	5
Availability of books in library to support curriculum	0	1	2	3	4	5
Encouragement to enroll in online courses	0	1	2	3	4	5

B. Internal Assessment Schedules & Question paper

Promotes analytical thinking	0	1	2	3	4	5
Question papers in terms of thought provoking and bringing out the intellectual capability of students	0	1	2	3	4	5
Adequacy of time to cope with assessment schedules	0	1	2	3	4	5
Quality of Evaluation of Assessments	0	1	2	3	4	5
Flexibility of Enrollment and withdrawal of coursework	0	1	2	3	4	5

C. Teaching Methodology

Adoption of innovative teaching methodologies	0	1	2	3	4	5
Coverage of the topics	0	1	2	3	4	5
Basic concepts taught	0	1	2	3	4	5
Encouragement for group discussions, seminars and interactive discussions	0	1	2	3	4	5

Effectiveness of Project Based Learning (PBL)	0	1	2	3	4	5

D. To what extent do you feel that your learning objectives have been achieved?

a) To the Maximum b) Medium c) Not at all

E. Can you suggest any course that can be removed from the curriculum of your branch? (Please specify the course name)

* Biology.

Give reasons for removal _____

F. Can you suggest any course that should be included in the curriculum and any programme to be included in your branch?

(Please specify the course name/programme name)

* Sustainable Building

Give reasons for removal _____

5. General Assessment

Please answer the following questions:

A. Please list some very important skills that you think you learnt in the Engineering/Science program.

* Design

B. Please list some very important or useful skills that you did not get the chance (or are not available) to learn while taking Engineering / Science courses at B.S. Abdur Rahman Crescent Institute of Science & Technology.

* Project Planning.

C. Please write down any comments or suggestions that you think will improve the Engineering/Science programs at B.S. Abdur Rahman Crescent Institute of Science & Technology (use additional sheets if necessary).

* E- teaching
* Flexible classes.

D. Please give the overall strengths and weaknesses of the Institute/Department.

* Teaching Staff.
* Laboratory

E. Do you recommend B.S. Abdur Rahman Crescent Institute of Science & Technology for future aspirants and why?

Annexure : Sample Feedback Form on Courses

B.S.Abdur Rahman University, Vandalur, Chennai-48.

STUDENTS FEEDBACK REPORT

Part B (Feedback on the Course) - Level II

Feedback Date	: 27/11/2017
Class Name & Semester	: B. Tech. (ECE - A) - 3
Total Number Of Students	: 57
Number Of Students Responded	49
Staff Name	: MR. C.D. NANDAKUMAR
Subject Code & Name	: MAB 2101 & Transforms and Applications

.No.	Question	Grade Point (1 - 5)
	On the relevance of the course	
1	The difficulty level of the course (5- Very easy, 4- Easy, 3 – Balanced, 2 – Difficult, 1- Very difficult)	3.51
2	The contribution of the course in-terms of knowledge and skill gained	3.49
3	The relevance of the course in fulfilling the program objective	3.57
4	The general rating of the course	3.57
5	The success of the course in achieving the stated course objectives	3.59

Overall Average for the subject : 3.55

29/11/17
Course Teacher

Class Adviser

HOD/ECE
HOD / ECE

Generated Through C@mpIT

T. Hari 04/12/17
Dean (AA)

B.S.Abdur Rahman University, Vandalur, Chennai-48.

STUDENTS FEEDBACK REPORT

Part B (Feedback on the Course) - Level II

Feedback Date	: 27/11/2017
Class Name & Semester	: B. Tech. (ECE - A) - 3
Total Number Of Students	: 57
Number Of Students Responded	49
Staff Name	: RADHIKA. A
Subject Code & Name	: CSB 2181 & Data Structures using C++

S.No.	Question	Grade Point (1 - 5)
	On the relevance of the course	
1	The relevance of the course in fulfilling the program objective	3.24
2	The general rating of the course	3.27
3	The success of the course in achieving the stated course objectives	3.18
4	The contribution of the course in-terms of knowledge and skill gained	3.18
5	The difficulty level of the course (5- Very easy, 4- Easy, 3 – Balanced, 2 – Difficult,1- Very difficult)	3.18

Overall Average for the subject : 3.21

Course Teacher

Class Advisor 27/11/17

HOD/ECE

HOD / ECE

B.S.Abdur Rahman University, Vandalur, Chennai-48.

STUDENTS FEEDBACK REPORT

Part B (Feedback on the Course) - Level II

Feedback Date : 25/10/2016

Class Name & Semester : B. Tech. (CSE - A) - 5

Total Number Of Students : 40

Number Of Students Responded 40

Staff Name : Dr. N. SABIYATH FATIMA

Subject Code & Name : **CSB 3106 & Case Tools Laboratory**

S.No.	Question	Grade Point (1 - 5)
	On the relevance of the course	
1	The relevance of the course in fulfilling the program objective	3.05
2	The contribution of the course in-terms of knowledge and skill gained	3.05
3	The success of the course in achieving the stated course objectives	3.03
4	The general rating of the course	3.05
5	The difficulty level of the course (5- Very easy, 4- Easy, 3 – Balanced, 2 – Difficult,1- Very difficult)	3.10

Overall Average for the subject : 3.06

Course Teacher

Class Advisor

HOD/CSE