Annual Quality Assurance Report (AQAR)

(For Autonomous Colleges)

2015-2016

By

SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS

Moga Road (NH-95), Ferozepur-152004 (Punjab), India





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bengaluru - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC (For Autonomous Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. The AQAR period would be the Academic Year (1st June 2015- 31st May 2016)

<u>Part – A</u>

Data of the Institution

(data may be captured from IIQA)**1.** Name of the InstitutionShaheed Bhagat Singh State Technical Campus, Ferozepur

• Name of the Head of the institution :	Dr. T. S. Sidhu
• Designation:	Director
• Does the institution function from own campus	Yes
• Phone no./Alternate phone no.	01632-242138
• Mobile no.	8288012001
Registered Email	director@sbsstc.ac.in
Alternate Email	deanacademics@sbsstc.ac.in
• Address :	Moga Road, NH 95
• City/Town :	Ferozepur
• State/UT :	Punjab
• Pin Code :	152004
2. Institutional status:	
• Autonomous Status (provide the date of Conformant	of Autonomous Status): 29/07/2015
• Type of Institution: Co-education/Men/Women	Co-education
• Location : Rural/Semi-urban/Urban:	Rural
• Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ S	Self financing
(please specify)	Grants-in aid
• Name of the IQAC Co-ordinator/Director:	Dr. T. S. Sidhu
• Phone no. /Alternate phone no. :	01632-242138
• Mobile:	8288012001
• IQAC e-mail address:	deanacademics@sbsstc.ac.in
Alternate Email address:	sbs.academics@gmail.com

3. Website address: www.sbsstc.ac.in

Web-link of the AQAR: N.A (As institute got NAAC in the year 2015)

4. Whether Academic Calendar prepared during the year? Yes

if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <u>https://www.sbsstc.ac.in/PDFs/JUly-Dec%202015.pdf</u> <u>https://www.sbsstc.ac.in/PDFs/Jan-June%202016.pdf</u>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	В	2.75	2015	From: 25/06/2015 to: 24/06/2020

6. Date of Establishment of IQAC: 28-08-2015 in 3rd Academic Council

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture						
Item /Title of the quality initiative by						
IQAC	Date & duration	Number of participants/beneficiaries				
Implementation of OBE advocated by	14/01/2016	2400				
NBA	(1 st IQAC)	2400				
Education quality improvement through	14/01/2016					
teaching of courses of courses using	$(1st \mathbf{IOAC})$	2400				
ppts	(1 st IQAC)					
Marking of student attendance on ERP	14/01/2016					
	(1 st IQAC)	1500				

<u>Note</u>: Some Quality Assurance initiatives of the institution are: (Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of Special Status conferred by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/		Funding	Year of award with	
Department/Faculty	Scheme	agency	duration	Amount
			2012	
Institution	TEQIP-II	Centre Govt.	5 Years	10.0 Crore

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes (Uploaded in the website).

10. No. of IQAC meetings held during the year: 02

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. Yes/No: Yes <u>https://www.sbsstc.ac.in/policyIQAC.php</u>

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

If yes, mention the amount:

Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

IQAC's objective has always been to improve the academic performance of the institution and promote measures for institutional functioning towards quality enhancement.

- Up gradation of Departmental libraries and strengthening of central library
- Marking of student attendance on ERP
- Grace marks in the end semester examination
- Moderation of mid semester marks.
- Academic audit of the Departments in the BOG.
- **13.** Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Approval of academic calendar	Approved in IQAC meeting
Approval of credit allocation	Approved in IQAC meeting
Implementation of OBE advocated by NBA	Approved in IQAC meeting
Education quality improvement through	Approved in IQAC meeting
teaching of courses of courses using ppts	

14. Whether the AQAR was placed before statutory body? : Yes

Name of the statutory body : Academic Council Date of meeting(s): 19-02-2016

- 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning? Yes/No: NoDate:
- 16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2015-16 Date of Submission: 16-03-2016

17. Does the Institution have Management Information System? Yes

If yes, give a brief description and a list of modules currently operational. (Maximum 500 words)

The Institute has adopted a Management Information System for Academics, HRMS, Finance & Accounts and for grading students in examinations. The MIS has been used in practice to store student

data such as personal data, Fee, Exam records and library details. There is an online system of filling examination forms by students in their logins and viewing of their results. Continuous Internal and external assessment is uploaded by faculty in MIS through their logins based upon which the performance of students performance is analyzed .It also helps to view fee category wise student data, admission status for all classes, cast category wise statistical report, admission fee summary report, library status details etc. Apart from this it let you know exact status of admitted and vacant seats of any class. Details of fee collected, class wise, and fee category wise analysis.

The faculty and staff mark their attendance on Biometric system, their data, payroll and leaves are managed by MIS. The institute also promotes online system of fee management through payments of fee of students and receipt directly through their Institute logins.

The institute used the following modules of ERP

ACADEMICS:

Student data management Timetable, attendance

HRMS

Employee data management Biometric attendance, Leave Management Payroll **FINANCE AND ACCOUNTS** Fee Management Receipts and Payments **EXAM AND GRADING** Exam form filling, Conduct of exam Declaration of Result

<u>Part-B</u>

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Date of Revision
UG	CSE	27/08/2015
PG	CSE	27/08/2015
UG	ECE	30/05/2016
UG	EE	20/05/2016
UG	CE	25/08/2015
PG	MCA	17/05/2016
PG	MBA	17/05/2016
UG	BCA	17/05/2016
UG	CHE	21/08/2015, 12/10/2015 & 31/5/2016
UG	Architecture	25/08/2015

1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the

Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
B.Tech ECE	30/05/2016	Professional Skills-1 (BTHU-301A)	30/05/2016
B.Tech (CE)	25/08/2015	Fluid Mechanics Lab-I (BTCE -306) Strength of Materials Lab (BTCE-307) Surveying Lab (BTCE-308) Workshop Training (BTCE- 309)	25/08/2015
B.Tech (CE)	11/01/2016	Concrete Technology Lab (BTCE-407) Structural Analysis Lab (BTCE-408)	11/01/2016

B.Tech (CE)	25/08/	2015 Lal Ge Lal Co Dra	nsportation Engineering (BTCE-506) otechnical Engineering (BTCE-507) mputer Aided Structural wing-I (BTCE-508) vey Camp (BTCE-509)	25/08/2	2015		
B.Tech (CE)	11/01/	Lal Co Dra	vironmental Engineering (BTCE-607) mputer Aided Structural wing II (BTCE-608)	11/01/	2016		
B. Tech.CHE	18/0		fessional Skills (BTHU- A) - (BTHU-601A)	18/05/2	2015		
1.2 Academic Flexibility	<u> </u>			1			
1.2.1 New programmes/cou	urses introc	luced during	the Academic year				
Programm	ne/Course		Date	Date of introduction			
Professional Skills-1 (BTH	U-301A)		3	30/05/2016			
M.Tech (Power Systems)			2	21/07/2015			
Human Values and Profess	ional Ethic	s (HVPE101) 2	25/08/2015			
1.2.2 Programmes in which the College level during the			System (CBCS)/Elective C	ourse System im	plemented at		
Name of Programme adopting CBCS	UG	PG	Date of implementat of CBCS / Electiv Course System		PG		
All B. Tech ,M.Tech, BCA,MCA,MBA and B.Arch Courses	08	06	15/06/2015	08	06		
1.3 Curriculum Enrichm	ent						
1.3.1Value-added courses	imparting	transferable	and life skills offered duri	ng the year			
Value added o	Value added courses		Date of introduction		of students rolled		
			10/07/2015		61		
Soft Skills (ECE)		07/01/2016		254		
Soft Skill			01/09/2015				

Plant Utili	ties BTCH-412A	15/0	07/2015	33			
We	ork Study	15/0	07/2015	143			
	NSS	01/0	06/2015	200			
Drill - NCC	C (Convocation)	30/0	03/2016	20			
	2015 celebration by N Wing	CC 26/0	01/2016	30			
.3.2 Field Projects /	Internships under tak	en during the year					
Project/Programme 7	Title	No. of student	No. of students enrolled for Field Projects / Internships				
Industri	al Training		572				
Surve	ey Camp		140				
Majo	r Project		31				
1.4 Feedback Syster	n						
1.4.1Whether struct	ured feedback receive	ed from all the stake	nolders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5)Parents			
Yes	Yes	Yes	Yes	Yes			
1.4.2 How the feedb	back obtained is being	g analyzed and utilize	ed for overall develop	ment of			

the institution? (maximum 500 words)

The feedback from the students for each subject being taught to them is obtained at least thrice in a semester to evaluate teaching-learning process. The feedback collected from the students is anonymous. Feedback forms of a particular subject teacher are evaluated on the basis of marks given by the students. The feedback for all the subjects is then analyzed by the Head of the respective department. In case of any major finding from the feedback, the faculty members are provided necessary inputs for further improvement and corrective course of action. Thus the feedback apprises each faculty member of the institute about their weak areas in order to inculcate within themselves appropriate changes in their teaching methodology and build upon these to provide a better teaching-learning experience.

Faculty mentors have been appointed for a batch of 20-30 students of a department. A weekly meeting is scheduled in their time table, in which students can discuss with their mentor, the problems faced by them in the institution. The faculty mentor in turn conveys the crucial issues to their HOD who in discussion with the Director of the institute finds an amicable solution to their grievances.

Further, the overall academic, administrative, professional development and research contributions of every teacher are analyzed by the HOD and the Director once in a year and feedback from the teacher is obtained about difficulties and suggestions with regard to academic assignments and self growth. The feedback from alumni is also collected to get their suggestions for improvement of overall working of the department. Further, the feedback from designated faculty members, industry persons and alumni is obtained for revision of curriculum to keep the study scheme updated with new emerging technologies.

All these measures based on feedback from students, alumni, employers and parents are incorporated for development of this institution.

CRITERION II - TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

			•					
Name of	the	Number of se	eats available Number of applications			ns Stu	idents Enrolled	
Progran	nme				Received			
B. Tech. C	SE	12	26		126		124	
M.Tech CS	E	1	8		17		17	
B. Tech EO	CE	9	94		43		43	
M.Tech. EO	CE	1	8		10		08	
B.Tech EE	2	6	j3		56		42	
M.Tech PS	5	1	8		05		05	
B. Tech CE	3	12	26		115		109	
MCA		6	53		23		21	
BCA		6	60		25		23	
MBA		6	63		10		9	
B. Tech CH	ΙE	3	2		11		10	
B.Arch		4	0		18		18	
B. Tech M	E	2:	52		163		163	
M.Tech M	E	1	8					
2.2 Cater	ing to a	Student Dive	rsity					
2.2.1. Stud	dent - H	Full time teach	er ratio (current	year	data)			
Year		nts led in the ation (UG)	Number of stud enrolled in the institution (PG		Number of full time teachers available in the institution teaching only UG courses	teaching only PG courses	Number of teachers teaching both UG and PG courses	
2015-16		1956	77		115	6	11	
	C	earning Proc		ctive t	eaching with Lear	ning Managemen	t Systems (LMS),	

	E-learning resources etc. (current year data)							
Number of teachers on roll 132	Number of teachers using ICT (<i>LMS</i> , <i>e</i> - <i>Resources</i>) 117	ICT tools and resources available LCD Projectors,	Number of ICT enabled classrooms 35	Number of smart classrooms 34	E-resources and techniques used PPTs, NPTEL			
		Internet, Laptop, NPTEL Video Lectures, mobile/web learning		54	Video Lectures, E-Library, E- Books Software's, online data bases, e-reference books, e-thesis, Swayam, Lectures through PPT, Using ICT enabled classroom for teaching, Using online LMS Platforms Google classroom, Zoom, Google meet			

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

In recent years, Mentoring System has emerged as a strong response to the plight of students at-risk. All departments in Shaheed Bhagat Singh State Technical Campus, Ferozepur offers highly-efficient Mentoring system through which a group of students consisting of 20-30 students are assigned to a faculty member at the commencement of the program. Mentors meet their students and guide them with their studies and extra-curricular activities. They also provide advice relating to selection of major, career guidance and personal problems. The mentors act as guides to the students during their summer and final projects. The mentoring system of each department ensures that the students adapt to the dynamic learning environment and lead their ways into highly successful careers.

All the departments in the institute have an integrated mentoring system where the faculty acts as a link between the students and the institution and perform the following functions-

- Mentors are assigned to monitor and guide students all through the four years.
- Mentors coordinate with the parents regarding the progress of the students.
- Mentors also keep track of the mentees' performance during the Summer internship by continuous interaction with the industry guide designated to the student by the company.
- Mentors communicate with fellow faculty and promote mentees at the time of difficulty / opportunity to help them develop further in their areas of interest. Further, Female faculty members are also assigned task as mentors to take care about the difficulties faced by girl students.

Heads of Departments also act as a mentor and monitor different activities of the assigned mentors and the students. The HOD holds meetings with all mentors of the department at least once a month for the reviewing of proper implementation of the system. He suggests and advise mentors whenever required. He initiates administrative action on a student when there is a need. Further, he provides periodic detailed report of the mentoring system to the Director of the Institute time to time.

The Academic Committee of the Institute discusses the mentoring related issues at least twice in a semester and revises or upgrade the system if necessary.

	udents enrolled in the nstitution	Nur	Number of fulltime teachers		teachers	Mentor: Mentee Ratio
	2033		132			1:15
2.4 Teacher	Profile and Quality					
2.4.1 Numbe	er of full time teachers	s appoin	ted during	the y	ear	
No. of sanctioned positions	1	Vacan	t positions	dı	tions filled uring the rrent year	No. of faculty with Ph.D
161	132		29		36	16
(received aw	odies during the year Name of fulltime te receiving awards fro level, national le	lowships) achers om state vel,	•	Natio	Na	ional level from Government, me of the award, fellowship, reived from Government or recognized bodies
2015-16	international lev Dr Rajni (International lev		Professor Of Enginee		Chief for re of Engine	n letter received from Editor-in- eviewing paper submitted to Journal ering Science and Technology Malaysia (Scopus indexed)
2015-16	Dr Rajni (International lev	vel)	Professor "Marquis		"Marquis	is included for 2015-16 edition of Who's who in science and g" of U.S.A. for publication.
2015-16	Dr Rajni (National level)	Professor Professor System (NC at SBSSTC		organizing Communica System (NC at SBSSTC	n letter received from Director for National conference on ation, Computing and Control CCCS-15) on 24 th -25 th August 2015 C, Ferozepur (as Editorial Board eviewer and Coordinator)
2015-16	Dr Rajni (National level)	Professor		Appreciatio National S Trends i Managemer	n letter for chairing a session in Student conference on Emerging n Engineering, Science and nt (ETES &M-2016) on April 29th ITE chapter (National level)
2015-16	Dr Rajni (State Level)		Professor		Company " for organiz "Robotics a	Certificate of Appreciation from APTRON SOLUTIONS PVT. LTD" ing state level technical workshop nd ARM "for students
2015-16	Dr. Sanjeev Dew (State Level)	vra	Associa Profess			n letter for the successful conduct of onference NCCCS-2015 as Convenor

			during August 24-25,2015
2015-16	Dr. Sanjeev Dewra (International Level)	Associate Professor	Member of Advisory Committee in International Conference of Technology, management and Social science (ICTMS-15), London, United Kingdom, 29-30 Dec-2015
2015-16	Dr. Sanjeev Dewra (National Level)	Associate Professor	Appreciation letter /Award as Coordinator in National Student conference on Emerging Trends in Engineering, Science and Management (ETES &M-2016) on April 29th 2016 by ISTE chapter
2015-16	Dr. Sanjeev Dewra (National Level)	Associate Professor	Reviewer/Committee Member in IEEE- International Symposium on Advanced Computing and Communication, Assam University, Silchar, 14-15 Sep-2015
2015-16	Dr. Sanjeev Dewra (National Level)	Associate Professor	PC Member of International conference on Computing, Communication and Automation as Reviewer, Galgotias university, Uttar Pradesh, India, 29-30 Apr-2016
2015-16	Dr. Sanjeev Dewra (National Level)	Associate Professor	Editorial Board Member of different Journals like RTECS,IJCRCE,JTSSN
2015-16	Dr. Vikram Mutneja (National level)	Associate Professor	Received Certificate of Appreciation for organizing Team of National Conference on Communication, Computing and Systems (NCCCS-2015) as Session Chair, held at SBSSTC, Ferozepur under TEQIP (II) during 24-25 August, 2015
2015-16	Dr. Vikram Mutneja (State Level)	Associate Professor	Received Certificate of Appreciation from Company "APTRON SOLUTIONS PVT. LTD" for organizing state level technical workshop for students dated 23-24 April, 2016
2015-16	Inderjeet Singh Gill (National level)	Associate Professor	Got certificate of appreciation for being member of organizing committee of National conference on Communication, Computing and Systems (NCCCS-2015) held at SBSSTC, Ferozepur during August 24-25, 2015 and also for session chair.
2015-16	Amit Grover (National level)	Assistant Professor	Appreciation letter from the Director of the institute for the successful conduct of National Conference on Communication, Computing & Systems as Co-Coordinator During August 24- 25, 2015
2015-16	Amit Grover (National level)	Assistant Professor	Appreciation letter from the Director of the institute for the successful conduct of National Conference on Communication, Computing & Systems as member of Editorial Board During August 24-25, 2015

	Ami	t Grover	Assista	ant	Editorial Board Me	ember of different Journals	
2015-16		ional Level)	Profess		like IJRET, IJSER		
2015-16	Dr. Amit Arora		Associ	ate	Best Paper Award in 6th World Renewable Energy Technology Congress, New Delhi India.		
2015-16	Dr. Pankaj Kalra		Associate Professor		Certificate of Appreciation for delivering an Invited talk in STC on Advances in Renewable Energy Technologies at Adesh Institute of Engg. & Tech., Faridkot.		
2015-16	Dr. A. K. Tyagi		Profess	sor	Italy for delivering	cientific & Engg. Academy, 5 Invited Talk & Chairing 6 International Conference	
2015-16	Ms Anupam Mittal (National level)		Assistant Professor		Appreciation letter received from Director for organizing National conference on Communication, Computing and Control System (NCCCS-15) on 24 th -25 th August 2015 at SBSSTC, Ferozepur (as Editorial Board Member, member of organizing committee)		
2.5 Evaluation	on Process an	nd Reforms			,		
	•	m the date of s	emester-end	l/ year-	- end examination ti	ll the declaration of	
results durin	<u> </u>	Examination	Semester/	T (
Name	Programme Code	Session	year	seme	date of the last ester-end/ year- examination	Date of declaration of results of semester- end/ year- end examination	
			1 st Semester		28.12.2015	12.10.2016	
			3 rd Semester		07.12.2015	04.01.2016	
		Nov./ Dec	5 th Semester		08.12.2015	30.03.2016	
		2015	7 th Semester		01.01.2016	30.03.2016	
			2 nd Semester		01.06.2016	17.06.2016	
B. Tech.	ME		4 th Semester		19.05.2016	22.08.2016	
		May/June - 2016	6 th Semester		23.05.2016	05.08.2016	
			8 th Semester		18.05.2016	16.06.2016	
B. Tech.	EE	Nov./ Dec 2015	1 st Semester		28.12.2015	12.10.2016	
		2013	3 rd Semester		07.12.2015	30.03.2016	

-			.41-		1
			5 th Semester	08.12.2015	30.03.2016
			7 th Semester	08.12.2015	30.03.2016
			2 nd Semester	01.06.2016	17.06.2016
		May/June	4 th Semester	21.05.2016	12.07.2016
		2016	6 th Semester	23.05.2016	12.07.2016
			8 th Semester	01/01/2016	10.06.2016
			1 st Semester	28.12.2015	12.10.2016
		Nov./ Dec	3 rd Semester	07.12.2015	28.03.2016
		2015	5 th Semester	08.12.2015	22.03.2016
	25		7 th Semester	01.01.2016	22.03.2016
B. Tech.	CE		2 nd Semester	01.06.2016	10.07.2016
		May/June 2016	4 th Semester	21.05.2016	22.07.2016
			6 th Semester	23.05.2016	21.07.2016
			8 th Semester	23.05.2016	16.06.2016
			1 st Semester	28.12.2015	12.10.2016
			3 rd Semester	07.12.2015	30.03.2016
		Nov./ Dec	5 th Semester	08.12.2015	30.03.2016
		2015	7 th Semester	01.01.2016	30.03.2016
			2 nd Semester	01.06.2016	16.06.2016
D Tach	ECE	May/June	4 th Semester	21.05.2016	11.07.2016
B. Tech.	ECE	2016	6 th Semester	23.05.2016	22.07.2016
			8 th Semester	23.05.2016	16.06.2016

	I	-	1		1
			1 st Semester	28.12.2015	30.08.2016
		Nov./ Dec	3 rd Semester	07.12.2015	22.03.2016
		2015	5 th Semester	08.12.2015	22.03.2016
	CUT		7 th Semester	08.12.2015	22.03.2016
B. Tech.	CHE		2 nd Semester	01.06.2016	16.06.2016
		May/June	4 th Semester	21.05.2016	11.07.2016
		2016	6 th Semester	23.05.2016	11.07.2016
			8 th Semester	01/01/2016	10.06.2016
			1 st Semester	28.12.2015	12.10.2016
		Nov./ Dec	3 rd Semester	07.12.2015	04.01.2016
		2015	5 th Semester	08.12.2015	04.01.2016
B. Tech.	CSE		7 th Semester	08.12.2015	04.01.2016
D. Teen.	CDL		2 nd Semester	01.06.2016	16.06.2016
		May/June	4 th Semester	21.05.2016	22.07.2016
		2016	6 th Semester	23.05.2016	21.07.2016
			8 th Semester	01/01/2016	10.06.2016
		Nov./ Dec	1 st Semester	23.12.2015	30.03.2016
		2015	3 rd Semester	07.12.2015	30.03.2016
BCA	BCA		5 th Semester	03.12.2015	30.03.2016
			2 nd Semester	24.05.2016	19.07.2016
		May/June 2016	4 th Semester	17.05.2016	20.07.2016
	-		6 th Semester	16.05.2016	20.07.2016
MCA	MCA	Nov./ Dec	3 rd	09.12.2015	30.03.2016

		201		a ([
		2013)	Semester			
				5 th Semester	08.12.20	15	30.03.2016
		May/June		4 th Semester	18.05.2016		20.07.2016
		2010	5	6 th Semester	01/01/20	16	16.06.2016
			ec	1 st Semester	24.12.20	15	30.03.2016
		201:)	3 rd Semester	22.12.20	15	30.03.2016
MBA	MBA	May/Ji		2 nd Semester	23.05.20	16	12.07.2016
	2010	5	4 th Semester	01.06.20	16	22.07.2016	
		Nov./ D 2015		5 th Semester	05.12.20	15	30.03.2016
B.Sc (IT)	B.Sc (IT) B.Sc (IT)	May/J 2010		6 th Semester	25.05.20	16	12.07.2016
		Nov./ D 201:		1 st Semester	23.12.20	15	14.10.2016
B. Arch	B. Arch	May/Ju 2010		2 nd Semester	25.05.2016		17.11.2016
					evances about ev not include re-ev		gainst total number <i>re-totalling</i>
Numbe	r of complair	nts or		Total numbe	er of students		Percentage
grievanc	es about eval 19	uation	aŗ	2033			0.93
2.6 Student	Performance	e and Lea	rning	g Outcomes			
-	-	-	-				ll programs offered by the
	CSE				nstitution (to pro		<u>0?dept=%27CSE%27</u>
	ECE				ps://www.sbsstc.		
-	EE				ps://www.sbsstc.		
	CE			htt	ps://www.sbsstc.	ac.in/dptC	Eengg.php
	CHE			<u>htt</u>	ps://www.sbsstc.a	ac.in/dptCl	Hengg.php
	ME			<u>htt</u>	os://www.sbsstc.a	ic.in/dptM	Eengg.php
	CA				https://www.sbs	stc.ac.in/C	O.php

Archite	cture	https://www.sbsstc.ac.in/dptArch.php					
2.6.2 Pass percen	tage of students						
Programme Code	Programme name	Number of Students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage			
CSE	B.Tech CSE	148	148	100			
ECE	B.Tech ECE	114	78	68.4			
ECE	M.Tech ECE	17	15	88			
EE	B.Tech EE	72	66	91.67			
CE	B. Tech. CE	60	57	95			
MCA	MCA	42	42	100			
MBA	MBA	15	11	73.3			
BCA	BCA	39	13	36			
CHE	B.Tech CHE	32	31	97			
Architecture	B.Arch.	18	12	66.67			
ME	B.Tech ME	145	54	37.2			

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

A feedback survey to assess the students' satisfaction on the curriculum, teaching learning processes and infrastructure is made. Opinion of all the students is collected using a questionnaire of structured feedback forms. Students' feedback is rated on 5-point scale from 1 to 5. There are a number of closed and open-ended questions in the feedback questionnaire. Most of the students are satisfied with the syllabus covered and the teaching style of the teachers. Students also find teachers fair in internal evaluation process. The teaching, mentoring process, Academics, placement and library facilitates, social and emotional growth is shown satisfactory. Students are satisfied with the illustrations of teachers for explaining concepts through examples and applications. Most of the students are fully satisfied with the teachers' identification of students' strengths and weaknesses to encourage them with providing right level of challenges. The students' feedback also shows that they also agree that the institution makes effort to engage them in the monitoring, review and continuous quality improvement of the teaching learning process. The weblink for the Students Satisfaction Survey (SSS) of the institute is

https://docs.google.com/forms/d/e/1FAIpQLSd9IcfRHSqUZxNpk3teYnwR5w5488L1B4CwSFQWvpcR5pi7SA/viewform

CRITERION III- RESEAECH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research

Yes

Name of the teacher getting seed money	The amount of seed Money	Year of receiving grant	Duration of the grant
Dr.Sunny Behal	5000/-	12/05/2015	6 Month
Dr.Vihal Arora	5000/-	12/05/2015	6 Month
Sh.Rakesh Kumar	5000/-	12/05/2015	6 Month
Sh.Pankaj Kalra	5000/-	12/05/2015	6 Month
Sh.Gazal Preet Arneja	5000/-	12/05/2015	6 Month
Sh.Dharampal Kashyap	5000/-	26/08/2015	6 Month
Sh.Navtej Singh Gumman	5000/-	26/08/2015	6 Month
Dr.Sunny Behal	6000/-	22/12/2015	6 Month
Dr.Vihal Arora	6000/-	22/12/2015	6 Month
Sh.Rakesh Kumar	6000/-	22/12/2015	6 Month
Sh.Rakesh Kumar	4400/-	25/06/2015	3 Year
Dr. Sunny Behal	6000/-	14/01/2016	6 Month
Dr.Vishal Sharma	6000/-	14/01/2016	6 Month
Sh.Rakesh Kumar	6000/-`	14/01/2016	6 Month
Sh.Sarabhjit Singh	17000/-	29/01/2016	6 Month
Sh. Rakesh Kumar	4946/-	24/05/2016	One Year
Dr. Rajiv Arora	5496/-	19/04//2016	One Year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	-	-	-	-
International	_	-	-	-

3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organizations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned		Amount received during the Year
Major projects					
Minor Projects		—			
Interdisciplinary					
Projects					
Industry sponsored Projects		—			—
Projects sponsored by the University/ College					
Students Research Projects (other than	—	_			
compulsory by the College)					
International Projects :- TEQIP-II	05 Year	MHRD	World ban	ık	10 Crore
Any Other					
(Specify)					
Total	05 Year	—			10 Crore
3.2.2 Number of on		projects per teache	er funded by gover	rnment ai	nd non-government
agencies during the	years				
3.3 Innovation Sys	stem				
3.3.1 Workshops/Se	eminars Condu	cted on Intellectual	Property Rights ((IPR) and	l Industry
Academia Innovativ			110000000000000000000000000000000000000	()	
Title of Worksh			of Dept.		Dates
ROBOTICS & ARI	М	EC	CE	23/04/2016-25/04/2016	
Elements of Hous	e Design and	1 C	E		09/09/2015
Their Orientation	e				
Climatic Conditions	S				
Introduction to Bas		1 (E		00/00/2015
\mathbf{H}	sic Design and	11 U	·E		02/09/2015
	sic Design and		Ē		02/09/2015
its Objectives	C		E E		20/09/2015
its Objectives Earthquake Resistar	nt Structures	C	E		20/09/2015
its Objectives Earthquake Resistar Waste Water Manag	nt Structures gement	C C			
its Objectives Earthquake Resistar Waste Water Manag Elements of Hous	nt Structures gement se Design and	C C 1	E E		20/09/2015 11/01/2016
its Objectives Earthquake Resistar Waste Water Manag Elements of Hous Their Orientation	nt Structures gement se Design and towards thei	C C 1	E		20/09/2015
its Objectives Earthquake Resistar Waste Water Manag Elements of Hous Their Orientation Climatic Conditions	nt Structures gement se Design and towards thei s	C C C I r Archit	E E recture		20/09/2015 11/01/2016 09/09/2015
its Objectives Earthquake Resistan Waste Water Manag Elements of Hous Their Orientation Climatic Conditions Introduction to Bas	nt Structures gement se Design and towards thei s	C C C I r Archit	E E		20/09/2015 11/01/2016
its Objectives Earthquake Resistan Waste Water Manag Elements of Hous Their Orientation Climatic Conditions Introduction to Bas its Objectives Earthquake Resistan	nt Structures gement se Design and towards thei s sic Design and	C C C C C C C C C C C C C C C C C C C	E E recture		20/09/2015 11/01/2016 09/09/2015

3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardees	Awarding Agency	Date of Award	Category	
Outstanding Technical Institution Award	SBSSTC, FZR	NITTTR, Chandigarh	07/09/2015	Best Polytechnic Colleges among states of northern region comprising of J&K, HP, Punjab, Haryana, Chandigarh, Delhi, UP, Uttrakhand, and Rajasthan	
3.3.3 No. of incuba	tion centre creat	ed, start-ups incul	pated on campus c	luring the year	
Incubation	Centre	Na	me	Sponsored By	
	-	_		—	
Name of the	Start –up	Nature of	f Start-Up	Date of Commencement	
	-			—	
3.4 Research Publ	ications and Av	vards			
3.4.1 Ph.Ds awarde	d during the Yea	ar			
	me of Departmen		N	Io. of Ph.Ds awarded	
	mical Engineeri			01	
	Sciences and Hu	=		02	
3.4.2 Research Pub			n UGC website di	uring the year	
		No. of			
	Department	Publication	Average impact factor, if any		
International	CSE	02			
International	ECE	35		0.33	
National	EE	03			
International	EE	06		_	
International	CA	03			
International	CHE	04		3.56	
International	DASH	26		—	
International	ME	08		1	
3.4.3 Books an	1		es / Books pu		
National/Internation		Proceedings per	Teacher during the		
	Department			No. of Publication	
	CSE			33	
	ECE			17	
	EE			06	
	CE			42	
	DASH			1	
2.4.4.Detente mel·lie	CHE			25	
3.4.4 Patents publis	sned/awarded du	ring the year			
Patent Detail	Patent Status/	Published Filed	Patent Number	Date of Award	
Inhibition of Gas					
Hydrate Formation	Filed on 02-03-2	2016 with			
by a Novel Green	Application No.	201611007370		—	
Kinetic Inhibitor					

3.4.5 Bibliometrics of Scopus/ Web of Scien	-	-	-	ar based or	average citation	n index in
Title of Paper	Name of the Author	Title of the journal	Year of Publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
DDoS attacks in cloud and mitigation techniques	Chawla Isha,luthra Pawan , Kaur Daljeet	International journal of innovative science, engineering & technology	2015		SBSSTC, Ferozepur	
Three way mechanism to enhance the data security on cloud	Chawla Isha,luthra Pawan , Kaur Daljeet	International journal of current engineering and scientific research (ijcesr)	2015		SBSSTC, Ferozepur	
A Survey and Comparison of Various Cloud Simulators Available for Cloud Environment	Kaur Ramandeep ,Ghumman Navtej Singh	International Journal of Advanced Research in Computer and Communicati on Engineering	2015		SBSSTC, Ferozepur	
Accelerating cbir system using graphics processing unit in open cv environment	Kaur Bhavneet, Jindal Sonika	International journal of computer applications	2015		SBSSTC, Ferozepur	
Dual image watermarking algorithm with svd- dwt and edge detection on different layers of colored image	Kathpal Anjali, Jindal Sonika	International journal of computer applications	2015		SBSSTC, Ferozepur	
Dual Image Watermarking Algorithm with SVD-DWT and Edge Detection on	Anjali Kathpal, Sonika Jindal	International Journal of Computer Applications	2015		SBSSTC, Ferozepur	

Different Layers of					
Colored Image					
Accelerating CBIR	Bhavneet	(IJCA)			
System using	Kaur,	International			
Graphics Processing	Sonika	Journal of	2015	SBSSTC,	
Unit in OPEN CV	Jindal	Computer	2013	 Ferozepur	
Environment	Jilluai	-			
	IZ	Applications			
Designing a secure	Kaur	Elsevier		anaaro	
text-based captcha	Kiranjot,	procedia	2015	 SBSSTC,	9
	Behal	computer		Ferozepur	
	Sunny	science			
Advanced Memory	Singh	Elsevier			
Reusing Mechanism	Gursharan,	procedia	2015	SBSSTC,	18
for Virtual Machines	Behal	computer	2010	 Ferozepur	10
in Cloud Computing	Sunny	science			
An improvement of	Singh	International			
network life time	Kulvir,	journal of			
using dlqar protocol	Behal	computer		CDCCTC	
in wireless sensor	Sunny,	applications	2015	 SBSSTC,	
network	Arora			Ferozepur	
	vishal				
	Kumar				
Distributed and	Bansal	International			
centralized	Shubhi	journal of			
clustering	Arora	technology	2015	SBSSTC,	2
approaches: leach	vishal	innovations	2015	 Ferozepur	3
vs. c-leach	Kumar	and research		Ĩ	
		(ijtir)			
Red strategy for	Batra	Journal of			
improving	Chetan	information			
performance in	Arora	sciences and	2015	SBSSTC,	
manet: a review	vishal	computing	_010	 Ferozepur	
	Kumar	technologies			
A modified leach	Kaur	International			
algorithm using hard	Gurpeet	journal of			
and soft threshold in	Arora	computers &	2015	SBSSTC,	2
wireless sensor	vishal	technology	2013	 Ferozepur	<i>L</i>
network: a review	Kumar	teennology			
Performance and	Kumar	International			
security evaluation	Ashish	journal of		CDCCTC	
by using sha3 in	Arora	engineering	2015	 SBSSTC,	5
wep	vishal	sciences &		Ferozepur	
	Kumar	research			
		technology		000000	
Refinement of wpa	Monga	International	2015	SBSSTC,	_
using sha3	Kashish	journal of		Ferozepur	

	Arona	onginaguira	[
	Arora	engineering				
	vishal	sciences &				
	Kumar	research				
		technology				
An improvement of	Singh	International				
network life time	Kulvir,	journal of				
using dlqar protocol	Behal	computer			SBSSTC,	
in wireless sensor	Sunny	applications	2015		Ferozepur	
network	Arora				reiozepui	
	vishal					
	Kumar					
Bandwidth Aware	Pawan	International				
Heterogeneous Task	Luthra	Journal of				
Scheduling in Cloud	Sandeep	Current			CDCCTC	
Computing	Kaur	Engineering	2015		SBSSTC,	
		and Scientific			Ferozepur	
		Research				
		(IJCESR)				
Security Storage	Pawan	International				
Model in Cloud	Luthra,	Journal of				
	Sonia	Current				
	Arora	Engineering	2015		SBSSTC,	
		and Scientific			Ferozepur	
		Research				
		(IJCESR)				
Performance	Deepak	International				
Evaluation in	Sharma,	Journal of				
Situation Based	Khushjeet	Innovative			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Routing Protocol in	Kaur,	Science,	2015		SBSSTC,	
Wireless Sensor	Gurpal	Engineering			Ferozepur	
Network	Singh	and				
	U	Technology				
Modeling and	Amritpal	International				
Simulation of	Kaur,	Journal of				
CSMA/CA Slotted	Jaswinder	Computer	2015		SBSSTC,	
and Unslotted Mode	Kaur,	Applications	2013	3	Ferozepur	3
in Zigbee Routing	Gurjeevan	-F F ##10110			P	
Schemes	Singh					
Heterogeneous	Pankaj	International			<u> </u>	
Configuration: A	Joshi,	Journal of				
Better Approach to	Jaswinder	Computer	2015		SBSSTC	
Analyze VANET	Kaur and	Applications	2015	3	Ferozepur	3
	Inderjeet	reprications			i ciozopui	
	Singh Gill					
Contrast	Vikram	International		0.1	Shaheed	0.1
enhancement	Mutneja,	Journal of	2014	01	Bhagat	01
	municja,				Singh State	

analysis of video sequence in the	Deepak Kumar	Electronics Engineering			Technical Campus, Ferozepur	
temporal-based (TB) method	Behera	(IJEE)			reiozepui	
Methods of Image Edge Detection: A Review	Dharampal and Vikram Mutneja	Journal of Electrical & Electronic Systems (IISN: 2332-0796)	2015	07	Shaheed Bhagat Singh State Technical Campus, Ferozepur	07
Fabrication and Applications of Fiber Bragg Grating-A Review	Sanjeev Dewra, Vikas Plaha, Amit Grover	Advance Engineering Technology and Application- An International Journal	2015	23	Shaheed Bhagat Singh State Technical Campus- Ferozepur.	22
Duobinary Modulation Format for Optical System- A Review	Rupinder Kaur, Sanjeev Dewra	International Journal of Advanced Research in Electrical, Electronics and Instrumentatio n Engineering	2015	14	Shaheed Bhagat Singh State Technical Campus- Ferozepur.	14
A Review on Passive Optical Network	Ravneet Kaur, Sanjeev Dewra	International Journal of Innovative Research in Computer and Communicati on Engineering	2015	04	Shaheed Bhagat Singh State Technical Campus- Ferozepur.	04
Placement of dynamic reconfigurable optical add/drop multiplexer using dynamic channel equalizer in an optical communication system	Sanjeev Dewra, Rajinder Singh Kaler	Optoelectroni cs and Advanced Materials- Rapid Communicati ons	2015	03	Shaheed Bhagat Singh State Technical Campus- Ferozepur.	02
A review on optical	Garima	International	2015	02	Shaheed	02

Amplifier and its	Arora,	Journal of			Bhagat Singh	
Hybrid configurations	Sanjeev Dewra	Electronics & Communicati on			State Technical Campus-	
		Engineering Research			Ferozepur.	
Evaluation of Wavelength Division Multiplexing using Different modulation formats	Rupinder Kaur, Sanjeev Dewra	International journal of advanced research in computer and communicatio n engineering	2015	01	Shaheed Bhagat Singh State Technical Campus- Ferozepur.	01
Design of Low Power and Efficient Carry Select Adder Using 3-T XOR Gate	Chakshu Goel	Advances in Electronics, Hindawi Publications	2015	3	SBSSTC, Ferozepur	3
Reversible Multiplier- A Review	Chakshu Goel	International Journal of Advanced Research in Electrical, Electronics and Instrumentatio n Engineering	2015	1	SBSSTC, Ferozepur	1
Quantum Cost efficient Reversible multiplier	Chakshu Goel	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET),	2015	2	SBSSTC, Ferozepur	2
Design of a power efficient reversible adder/ subtractor	Chakshu Goel	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET	2015	7	SBSSTC, Ferozepur	7
Performance Evaluation of Different	Chakshu Goel	International Journal of Computer	2015	2	SBSSTC, Ferozepur	2

Modulation		Applications				
		Applications				
Techniques for						
Different Mobility						
Pattern by using						
SVC Code over						
Wimax						
Study and Analysis	Amit	International				
of Dictionary attack	Grover	Journal of			SBSSTC,	
and Throughput in		Computer	2014	03	· · · · ·	03
WEP for CRC-32		Applications			Ferozepur	
and SHA-1						
AOMDV with	Amit	International				
Multi-Tier Multi-	Grover	Journal of				
Hop Clustering in		Advance				
Wireless Sensor		Engineering	2014	04	SBSSTC,	04
Networks		Technology	2011	01	Ferozepur	01
THE WOLKS		and				
On limits of	Amit	Application Indonesian				
		Journal of				
Wireless	Grover					
Communications in		Electrical				
a Fading		Engineering				
Environment: a		and	2014	05	SBSSTC	05
General		Informatics	_ • _ •		Ferozepur	
Parameterization						
Quantifying						
Performance in						
Fading Channel						
A Multi-objective	Gulshan	Intelligent				
Genetic Algorithm	Kumar	Methods for				
Based Approach for		Cyber	2015	10	SBSSTC,	10
Effective Intrusion		Warfare	2015	10	Ferozepur	10
Detection Using					-	
Neural Networks						
4G Wireless	Gulshan	International				
technologies	Kumar	Journal of				
		Science	2015		SBSSTC,	
		Technology &	2013		Ferozepur	
		Management				
Internet Threats and	Gulshan	IJCA				
		Proceedings on				
Prevention – A Brief	Kumar	International			SBSSTC,	
Review		Conference on	2015		Ferozepur	
		Advancements			i ciozopui	
		in Engineering				
Experimental study	Rakesh	Heat and	2015		SBSSTC,	
Berniteitui Biudy	100000	- ivut und	2013			

on Performance of	Kumar &	Mass Transfer		Ferozepur	
Celdek Packed	Arun	Springer		reiozepui	
Liquid Desiccant	Kumar	Springer			
Dehumidifier	Asati				
Solid Waste Based	Kumar R.,	Journal of			
Hybrid Natural	Singh	Reinforced	2015	SBSSTC,	
Fibre Polymeric	Tejeet	Plastics and	2015	 Ferozepur	
Composites	Singh H.	Composites.		reiozepui	
Review of	Kohli G.,	Journal of			
Functionally Graded	Singh	Production	2015	SBSSTC,	
Materials	Ũ		2015		
Iviaterials	Tejeet	Engineering		Ferozepur	
Improving Woor	Singh H Gobind,	International			
Improving Wear Resistance of Grey	Jwala	Journal of			
•					
Cast Iron using Detonation Gun	Parshad, Dr Neelkanth	Engineering	2015	SBSSTC,	
		and Management		 Ferozepur	
Sprayed Coatings- A	Grover	Management			
Review		Research			
Recent	Rajiv	IOSR Journal			
	Kajiv Kumar	of Mechanical			
Advancements in					
Thermal Spray	Ranjan,	and Civil		CDCCTC	
Coatings	Jwala Darahad Dr	Engineering	2015	 SBSSTC,	
	Parshad, Dr			Ferozepur	
	Neelkanth				
	Grover				
Modren Proficiency	Gobind,	IOSR Journal			
in Thremal Spray	Jwala	of Mechanical			
Coatings to Enhance	Parshad, Dr	and Civil		SBSSTC,	
Wear Resistance of	Neelkanth	Engineering	2015	 Ferozepur	
Material	Grover	Lingineering		reiozepui	
	Rajiv				
	Kumar				
Techniques of	Ranjan,				
Measuring Wear for	Jwala	IOSR Journal	2015	SBSSTC,	
Bulk Materials and	Parshad, Dr	of Mechanical	2013	 Ferozepur	
Advanced Surface	Neelkanth	and Civil			
Coatings	Grover	Engineering			
Enhancing Wear	Gobind,	International			
Resistance of Grey	Jwala	Journal of			
Cast Iron using	Parshad, Dr	Science,	2015	SBSSTC,	
Al2O3-3TiO2 &	Neel kanth	Technology &	2015	 Ferozepur	
Al2O3-13TiO2 &	Grover	Management		i ciozopui	
coatings		management			
Journes	1				I

Tribological Investigation of detonation sprayed Al2O3, Al2O3- 3TiO2 & Al2O3- 13TiO2 coatings on grey cast iron to enhance its wear resistance	Gobind, Jwala Parshad, Dr Neelkanth Grover	International Journal of Advance Research in Science and Engineering	2015	 SBSSTC, Ferozepur	
Biosurfactant as a Promoter of Methane Hydrate Formation: Thermodynamic and Kinetic Studies	Amit Arora, Swaranjit Singh Cameotra, Rajnish Kumar, Chandrajit Balomajum der, Anil Kumar Singh, B. Santhakum ari, Pushpendra Kumar&Su kumarLaik	Scientific Reports- (Nature Publishing Group)	2016	IIT, Roorkee	28
Effect of Different Fixed Bed Media on the Performance of Sodium Dodecyl Sulfate for Hydrate based Carbon dioxideCapture	Amit Arora, Asheesh Kumar, Gaurav Bhattacharj ee, Pushpendra Kumar, Chandrajit Balomajum der	Journal of Material and Design	2015	 IIT, Roorkee	7
Esterification of high free fatty acid rice bran oil: parametric and kinetic study	Rajiv Arora, A P Toor, R K wanchoo	Chemical and Biochemical Engineering Quarterly	2015	 Dr S S Bhatnagar University Institute of Chemical Engg. & Tech.	11

Modelling of a Hi temperature Solid oxide Fuel cell 3.4.6 h-index of the	Kalra, Rajeev Kumar, Ajay Kumar	Journal of Energy Technologies and Policy	2015 ne year. (base	d on Scopu	PU, Chandiga India an SBSSTC Ferozepu SBSSTC Ferozepu IKGPTU Jalandha	d 2, 11 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
Title of Paper	Name of the Author	Title of the journal	Year of Publica on	h-	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
DDoS attacks in cloud and mitigation techniques	Chawla Isha, luthra Pawan , Kaur Daljeet	International journal of innovative 2015 engineering & technology			SBSSTC, Ferozepur	
Three way mechanism to enhance the data security on cloud	Chawla Isha,luthra Pawa , Kaur Daljeet	International n journal of current engineering a scientific research (ijce				SBSSTC, Ferozepur
A Survey and Comparison of Various Cloud Simulators Available for Cloud Environment	Kaur, Ramandee Ghumman Navt Singh					SBSSTC, Ferozepur
Accelerating cbir system using graphics processing unit in open cv environment	Kaur Bhavneet, Jindal Sonika	International journal of computer applications	2015		1	SBSSTC, Ferozepur
Dual image watermarking algorithm with	Kathpal Anjali, Jindal, Sonika	International journal of computer	2015		1	SBSSTC, Ferozepur

svd-dwt and edge		applications				
detection on		applications				
different layers of						
colored image						
Dual Image	Anjali Kathpal,	International				
Watermarking	Sonika Jindal	Journal of				
Algorithm with	Sonika Jindai					
e		Computer				CDCCTC
SVD-DWT and		Applications	2015		1	SBSSTC,
Edge Detection						Ferozepur
on Different						
Layers of						
Colored Image						
Accelerating	Bhavneet Kaur,	(IJCA)				
CBIR System	Sonika Jindal	International				
using Graphics		Journal of	2015		1	SBSSTC,
Processing Unit		Computer			_	Ferozepur
in OPEN CV		Applications				
Environment						
Designing a	Kaur Kiranjot,	Elsevier				
secure text-based	Behal Sunny	procedia	2015		9	SBSSTC,
captcha		computer	2015			Ferozepur
		science				
Advanced	Singh Gursharan,	Elsevier				
Memory Reusing	Behal Sunny	procedia				
Mechanism for		computer	2015		18	SBSSTC,
Virtual Machines		science	2013		10	Ferozepur
in Cloud						
Computing						
An improvement	Singh Kulvir,	International				
of network life	Behal Sunny	journal of				
time using dlqar	Arora vishal	computer	2015			SBSSTC,
protocol in	Kumar	applications	2015			Ferozepur
wireless sensor						
network						
Distributed and	Bansal Shubhi	International				
centralized	Arora vishal	journal of				CDCCTC
clustering	Kumar	technology	2015		3	SBSSTC,
approaches: leach		innovations and				Ferozepur
vs. c-leach		research (ijtir)				
Red strategy for	Batra Chetan	Journal of				
improving	Arora vishal	information				CDCCTC
performance in	Kumar	sciences and	2015			SBSSTC,
manet: a review		computing				Ferozepur
		technologies				
A modified leach	Kaur Gurpeet	International	2015		2	SBSSTC,
algorithm using	Arora vishal	journal of	2015		2	Ferozepur
<u> </u>	I	~		1	1	L

hard and soft	Kumar	computers &				
threshold in	Kuillai	technology				
wireless sensor		teennology				
network: a review						
Performance and	Kumar Ashish,	International				
security	Arora vishal	journal of				
evaluation by	Kumar	engineering				SBSSTC,
using sha3 in wep	Kumai	sciences &	2015		5	Ferozepur
using shas in wep		research				reiozepui
		technology				
Refinement of	Monga Kashish,	International				
	Arora vishal	journal of				
wpa using sha3	Kumar	•				SBSSTC,
	Kuillai	engineering sciences &	2015			,
		research				Ferozepur
An improvement	Sinch Kulvir	technology International				
An improvement of network life	Singh Kulvir, Behal Sunny,	journal of				
time using dlqar	Arora vishal	computer				SBSSTC,
protocol in	Kumar	applications	2015			Ferozepur
wireless sensor	Kuillai	applications				reiozepui
network						
Bandwidth	Pawan Luthra,	International				
Aware	Sandeep Kaur	Journal of				
Heterogeneous	Sundeep Kaul	Current				
Task Scheduling		Engineering and	2015			SBSSTC,
in Cloud		Scientific	2015			Ferozepur
Computing		Research				
computing		(IJCESR)				
Security Storage	Pawan Luthra,	International				
Model in Cloud	Sonia Arora	Journal of				
		Current				
		Engineering and	2015			SBSSTC,
		Scientific				Ferozepur
		Research				
		(IJCESR)				
Performance	Deepak Sharma,	International				
Evaluation in	Khushjeet Kaur,	Journal of				
Situation Based	Gurpal Singh	Innovative	2015			SBSSTC,
Routing Protocol		Science,	2015			Ferozepur
in Wireless		Engineering and				
Sensor Network		Technology				
Modeling of	Rajni	International				
split ring		Journal of	2015	4	3	SBSSTC,
resonators		Electrical and	2013	4	5	Ferozepur
		Electrical and				reiozepui

microstrip line		Engineering				
with different		0 0				
orientations						
Metamaterial inspired patch antenna for ISM band by adding single-layer complementary split ring resonators	Rajni	International Journal of Electrical and Computer Engineering	2015	4	3	SBSSTC, Ferozepur
Complementary split ring resonator based sensor for crack detection	Rajni	International Journal of Electrical and Computer Engineering	2015	4	6	SBSSTC, Ferozepur
Metamaterial inspired circular patch antenna using complementary split ring resonator and 32complementar y spiral resonator	Rajni	International Journal of Applied Engineering Research	2015	4	1	SBSSTC, Ferozepur
Detection of sub-millimetre crack on metal surface using complementary spiral resonator	Rajni	International Journal of Applied Engineering Research	2015	4	1	SBSSTC, Ferozepur
Magnetic resonance in spiral resonators	Rajni	International Journal of Applied Engineering Research	2015 4		3	SBSSTC, Ferozepur
Resonance Characteristics and Effective Parameters of New Left Hand Metamaterial	Rajni	TELKOMNIK A Indonesian Journal of Electrical Engineering	2015	4	2	SBSSTC, Ferozepur
A modified ant colony optimization	Amit Grover	International Journal for Light and	2016	2	18	PTU, Jalandhar

algorithm		Electron Optics				
(Maco) for		Licea on optics				
energy efficient						
wireless sensor						
networks						
CSC-SR	Rajni	Applied				
structure loaded	Kajin	Computational				
		-	2016	1	3	SBSSTC,
electrically		Electromagnetic	2016	4	3	Ferozepur
small planar		Society Journal				
antenna						
Biosurfactant as a	Amit Arora,	Scientific				
Promoter of	Swaranjit Singh	Reports-				
Methane Hydrate	Cameotra,	(Nature				
Formation:	Rajnish Kumar,	Publishing				
Thermodynamic	ChandrajitBaloma	Group)		3.3		
and Kinetic	jumder,		2016	5.5	28	IIT, Roorkee
Studies	Anil Kumar		2010		20	
	Singh, B.					
	Santhakumari,					
	Pushpendra					
	Kumar&Sukumar					
	Laik					
Effect of	Amit Arora,	Journal of				
Different Fixed	Asheesh Kumar,	Material and				
Bed Media on the	Gaurav	Design				
Performance of	Bhattacharjee,					
Sodium Dodecyl	Pushpendra		2015		7	IIT, Roorkee
Sulfate for	Kumar,					
Hydrate based	ChandrajitBaloma					
Carbon	jumder					
dioxideCapture	5					
Esterification of	Rajiv Arora,	Chemical and				Dr S S
high free fatty	A P Toor, R K	Biochemical				Bhatnagar
acid rice bran oil:	wanchoo	Engineering				University
parametric and	wallenoo	Quarterly				Institute of
kinetic study		Quarterry				Chemical
Kinetic Study						Engineering
			2015		11	Technology,
			2013		11	
						PU, Chandiaarh
						Chandigarh,
						CDCCTC
						SBSSTC,
						Ferozepur
Modelling of a	Pankaj Kalra,	Journal of				SBSSTC,
High temperature	Rajeev Kumar,	Energy	2015			Ferozepur/
-ingit to importatule	- injeet i kulliur,	2				1 el ol opuil/

Ajay Kuma	ar								IKGPTU, Jalandhar
		and Pol	licy						Jalandhar
ipation in Se	eminars/ (Conferen	ces and S	Symposi	a dur	ing the v	ear:		
-								Ι	Local Level
	22		4.0			(
ps	22		49			(13		
	25		67			(2		
	01			-					
erated from c	consultan	cy durin	g the yea	r					
Name of the	e consulta	ancy	Con	sulting/S	Spons	oring	Rever	nue g	generated (in
Project				-			Rs.)	-	
Geotechnic	al Investi	gations,	Var	ous Gov	· ·			Rs.5,47,847	
Material Te	sting and	l Structu	ral Sem	emi-Government and					
Design			Priv	ate Orga					
erated from (Corporate	e Trainin	g by the	instituti	on du	ring the	year		
Title of P	rogramm	e	Agency	Seeking	Train	ning	Revenu	ie	No. of
							generate	ed	Traine es
							(in Rs.)	
vities									
extension	and out	reach p	rogramm	es conc	lucted	i in co	llaboratio	on v	vith industry,
r	e		U						
						Number	of	l	Number of
		Organis	ing unit/		t	teachers	co-		students
cuvities	agenc	y/collab	orating a	gency	ordinated in		n such	pa	articipate in
						activiti	es	su	ch activities
	5 PB gi	rls BN N	ICC MO	GA &					
np 2015	13 PB I	Boys BN	NCC			6 ANO	s		118
1	Ferozep	our							
G I S PB girls		rls BN N	ICC MO	GA		1 4 3 10			15
rally 2015	-					I ANC)		15
)15	SBSST	C Feroze	erozepur			1 ANO			40
& Slogan	NSS, R	RC			3			100	
	ipation in Se internation ps rated from of Project Geotechnica Material Te Design erated from O Title of Pr orated from O Title of Pr extension on-Government ctivities app 2015 rally 2015	International lev ps 22 25 01 erated from consultant Name of the consultant Name of the consultant Name of the consultant Material Testing and Design erated from Corporate Title of Programm vities extension and out on-Government Organt r extension and out on-Government Organt r extension and out on-Government Organt r extension and out on-Government Organt r 3 pB gi 13 PB r Ferozeg rally 2015 5 PB gi & SBSST & Slogan	ipation in Seminars/Conferent International level Na ps 22 1 25 01 1 erated from consultancy durint Name of the consultancy durint Name of the consultancy durint Naterial Testing and Structu Design 1 erated from Corporate Trainint Title of Programme rated from Corporate Trainint 1 vities 0 extension and outreach programisation r vities Organisa agency/collab agency/collab 5 PB girls BN N np 2015 5 PB girls BN N rally 2015 5 PB girls BN N setsesstructure Sessestructure setsesstructure 13 PB Boys BN faily 2015 SBSSTC Ferozet	and Policy ipation in Seminars/Conferences and S International level National Lee ps 22 49 22 49 25 67 01	and Policyipation in Seminars/Conferences and SymposiInternational levelNational Levelps2249256701rated from consultancy during the yearName of the consultancyConsulting/AProjectConsulting/AGeotechnical Investigations, Material Testing and Structural DesignVarious Gov Semi-Gover Private OrgaGeotechnical Investigations, Material Testing and Structural DesignVarious Gov Semi-Gover Private OrgaTitle of ProgrammeAgency Seekingextension and outreach programmes concon-Government Organisations through NSS/N rrSPB girls BN NCC MOGA & A (13 PB Boys BN NCC Ferozepurally 20155 PB girls BN NCC MOGA & SBSSTC Ferozepur% SloganSBSSTC Ferozepur	ipation in Seminars/Conferences and Symposia dur ipation in Seminars/Conferences and Symposia dur ps 22 49 5 22 49 6 25 67 6 01 6 rated from consultancy during the year Name of the consultancy during the year Name of the consultancy Regency Geotechnical Investigations, Material Testing and Structural Design Private Organisat rated from Corporate Training by the institution du Title of Programme Agency Seeking Train wities extension and outreach programmes conducted or Government Organisations through NSS/NCC/R r tivities Organising unit/ agency/collaborating agency or 6 5 PB girls BN NCC MOGA & 13 PB Boys BN NCC Ferozepur rally 2015 5 PB girls BN NCC MOGA &SBSSTC Ferozepur \$ Slogan	international level National Level Sate Level ipation in Seminars/Conferences and Symposia during the y Sate Level ps 22 49 0 25 67 0 01 0 erated from consultancy during the year Consulting/Sponsoring Agency Raterial Testing and Structural Design Various Government, Semi-Government and Private Organisations rated from Corporate Training by the institution during the Title of Programme Agency Seeking Training vities organising unit/ agency/collaborating agency Number teachers ordinated in activitie extension and outreach programmes conducted in coon-Government Organisations through NSS/NCC/Red cross r Number teachers ordinated in activitie pp 2015 5 PB girls BN NCC MOGA & 13 PB Boys BN NCC MOGA & 13 PB Boys BN NCC Ferozepur 1 ANC rally 2015 5 PB girls BN NCC MOGA 1 ANC %SBSSTC Ferozepur 1 ANC	international level National Level Sate Level international level National Level Sate Level ps 22 49 03 25 67 02 01 rated from consultancy during the year Name of the consultancy during the year Consulting/Sponsoring Agency Rever Residence Naterial Testing and Structural Design Various Government, Semi-Government and Private Organisations Reveru generate (in Rs.) Title of Programme Agency Seeking Training Reveru generate (in Rs.) extension and outreach programmes conducted in collaboration on-Government Organisations through NSS/NCC/Red cross/Youth r Number of teachers coordinated in such activities fill PB Boys BN NCC MOGA & 13 PB Boys BN NCC MOGA & 13 PB Boys BN NCC MOGA & SBSSTC Ferozepur 1 ANO nally 2015 5 PB girls BN NCC MOGA & 6 ANOs Ferozepur 1 ANO	and Policy and Policy international level National Level Sate Level I ipation in Seminars/Conferences and Symposia during the year : International level National Level Sate Level I ps 22 49 03 1 ps 22 49 03 1 ps 25 67 02 1 oll 1 waterial from consultancy during the year Consulting/Sponsoring Agency Revenue generated Rs.) Geotechnical Investigations, Material Testing and Structural Design Various Government, Private Organisations Rs.5 Title of Programme Agency Seeking Training Revenue generated (in Rs.) Revenue generated (in Rs.) wities extension and outreach programmes conducted in collaboration von-Government Organisations through NSS/NCC/Red cross/Youth Red r substructures substructures rtivities Organising unit/ agency/collaborating agency 6 ANOs substructures substructures rtivities S PB girls BN NCC MOGA & 13 PB Boys BN NCC Ferozepur 1 ANO substructures

Seminar Drug de-addiction	NSS, RRC		4	100	
Mega Blood donation camp	NSS, RRC, Youth servi Department	ce	6	100	
Seminar on road safety	NSS		2	60	
Blood donation camp was organized.	NSS, RRC		3	48	
Blood Donation Camp	Red Cross Club		01	04	
Cancer Awareness Rally 2015	13 Pb Bn. NCC Ferozep	our	1 ANO	90	
Shahidi Divas 2015	13 Pb Bn. NCC Ferozep local administration	our with	1 ANO	100	
International Yoga Day 2015	13 Pb Bn. NCC Ferozep	our	10 ANOs	175	
3.6.2 Awards and recognition rebodies during the year		1			
Name of The Activity	Award/recognition	Awarc	ling Bodies	No. of Students benefited	
Displaying exceptional talent in Cultural activities from 10 th august 2015 to 7 th November 2015	Commandant's certificate		tional Cadet Corps ng Academy, Gwalior	01 ANO	
Technical Event	ISCE NIRMAAN 2K16	SBS	STC,FEROZEPUR	21	
6 th World Renewable Energy Technology Congress	Best Paper Award	Re Govern	nistry of New and enewable Energy, iment of India/ Energy vironment Foundation		
International Conference on Recent Advances in Bio- energy Research (ICARBER), Sardar Swaran Singh National Institute of Renewable Energy, Kapurthala, Punjab, India.	Best Paper Award		Springer	2	
Technoopus 2016	Second Position Project Display		SBSSTC	2	
Technoopus 2016	Third Position Project Display		SBSSTC	2	
3.6.3 Students participating in Organisations and programmes year			-		

Name of the Scheme	Organising unit/agency/Co orating Agency		Name activity	of	the	Number teachers ordinate activitie	co- d such	-		of in
Drug de-addiction & AIDS awareness			Drug de-addiction & AIDS awareness rally organized.		6		300			
Swachh Bharat Abhyan NSS, EFG		Ĵ	Cleanliness camp Swachh Bharat Abhyan.				4	100		
Swachh Bharat Abhiyan			Cleanliness of Institute		02		20			
Technoopus 2016	ISTE			t Disp	olay 2016,		2	2		
Technoopus2016	ISTE			t Disp	olay 2016,	2		2		
Swachh Bharat Abhiyan SBSSTC			Cleanliness of Institute		(02		20		
3.7 Collaborations						L		1		
3.7.1 Number of Coll	laborative activitie	s for	research, f	facult	y exch	ange, stuc	lent excha	nge du	ring the ye	ear
Nature of Activity Participant			Source of Financial Support			Support	Duration			
3.7.2 Linkages with research facilities etc		ries fo	or internsh	ip, or	-the-jo	ob training	g, project v	work, s	sharing of	
Nature ofTLinkage		of the partnering tion/ industry/research th contact details			h	Duration (From-to)		Participar	nt	
Use of laboratory M HFSS software for thesis and project work	1.Tech. thesis	Polytechnic, Ferozepur				July 2015- Jun 2016		Gurwinde singh	er	
Sharing of research facilitiesN		Electronics & Communication Engineering Department, Gi Zail Singh PTU Campus, Bathinda					July 2014-June 2016		Ms. Heen Goyal	ia

3.7.3 MoUs signed with ins		onal, inter	national importance, o	other insti	tutions, industries,
corporate houses etc. durin		Due	pose and Activites	Numbe	or of students/teachers
Organization	Date of MoU signed	r ui	pose and Activites		bated under MoUs
MoU signed between	18/06/ 2015	Faculty	and student exchange		
SBSSTC, Ferozepur and		program	nme		
NHL Univ. of Applied					
Sciences, Leeuwarden,					
The Netherlands for a					
period of three years					
MOU signed with	02/05/2016	Desk	Review and Onsite	10 Fa	culty members have
Department of Rural		visits	for providing	partic	cipated in this MOU.
Development		-	dent assessment on		
and Panchayats, Punjab			ity of all the works to		
			uted under the entire		
			at different stages of		
		constru	ction.		
CRITERION IV – INFRA	ASTRUCTURE	AND LI	EARNING RESOUR	CES	
4.1 Physical Facilities					
4.1.1 Budget allocation, ex	cluding salary fo	or infrastr	ucture augmentation d	uring the	year
Budget allocated for infrast	tructure augment	tation	Budget utilized for	infrastruc	cture development
400 lao	CS		6.	38.95 lacs	\$
4.1.2 Details of augmentati	on in infrastruct	ure facilit	ies during the year		
Facilities			Existing		Newly added
Campus area			98.4 Acre		
Classrooms			61		16
Laboratories			94		
Seminar Halls			04		
Classrooms with LCD fac	ilities		14		04
Classrooms with Wi-Fi/ L	AN		61		16
Seminar halls with ICT fa	cilities		01		01
Video Centre			01		
No. of important equipme lakh) during the current ye	ear.				15
Value of the equipment pr (Rs. In Lakh)	urchased during	the year			4680558/-
Others					
4.2 Library as a Learnin	g Resource				
4.2.1 Library is automated	l {Integrated Lib	orary Mar	agement System (ILM	[S)}	
Name of the ILMS Software	Nature of au	tomation	(fully or partially)	/ersion	Year of automation

	SOUL				Partially					2015-16	5
4.2.1 Li	brary Servic	es:						I	I		
			E	Exis	ting		Newly	added		Total	
			No.		Value	N	lo.	Value	No.	. Va	alue
Text E	Books		21064		1785000/-	2	.08	622295/-	2127	2 2407	/295/-
Refere	ence Books		2400			3	00		270	0	
e-Boo	ks		130000)							
Journa	lls		53								
e-Jour	nals		275		494722/-						
Digita	l Database		02								
CD &	Video		410								
Librar	y automation	n					Y	es			
Weedi	ng (Hard &	Soft)									
Others	s (specify)										
Graduat	te) SWAYA	eloped by tea M other MO ming Manage	OCs pla	tfo	rm NPTEL/N	MEI	,				Under
Name	e of the	Name of t	he	Pl	atform on wh	ich		Date of	launching	e - content	
Те	acher	module			module is				-		
				developed							
	Infrastruc	ture Up gradation	(overal	1)			<u> </u>				
	Total Computers	Computer Labs	Interr	-	Browsing Centres		nputer entres	Office	Depart ments	Availabl e band width (MGBP S)	Othe rs
Existin g	100	04	01		100		01	03	09	34 MBPS from BSNL	
Added											
Total	100	04	01		100		01	03	09	34	
4.3.2 Ba	andwidth av	ailable of inte	ernet co	nne	ction in the I	nstitu	tion (L	eased line) ;)	<u> </u>	<u> </u>
34 ME											
4.3.3 Fa	acility for e-	content									

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Rs.451.00 Lacs	Rs.519.84 Lacs	Rs.72.00 Lacs	Rs.55.74 Lacs

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words)(information to be available in institutional Website

Maintaining and utilizing physical, academic and support facilities -laboratory, library, sports complex, computers, classrooms carried out by the following committees/Offices:

- Grievance Committee
- Anti Ragging Committee
- Discipline Committee
- Institutional Development Committee
- Student Affairs/Welfare Committee
- Library Committee
- Anti Sexual Harassment Committee
- Public Relation Department
- Public Information Cell
- Legal Cell
- Estate Office

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name/Title of the scheme	Number of Student	Amount in Rupees
Financial support from institution	Student Exigency Fund(SEF)	18	9,35,192/-
	Student Aid Fund(SAF)	161	10,26,500/-
Financial support f	rom other sources		
a) National	Bihar Govt. Scholarship	66	3,332704/-
-	Scholarship Scheme for J& K	11	8, 532250/-
	UP Govt. Scholarship	78	4680000 /-

	E-I	Kalyan Welfare Dep	tt., Govt. of	17		1020000/-	
	Jha	arkhand					
		ISS Scholarship		208		1,59, 4645	0/-
b) Internat	tional						-
	-	oility enhancement a	-			-	nt,
Remedial co Mentoring e	-	anguage lab, Bridge	courses, Yoga, Mo	editation	n, Personal Coun	selling and	
Name of	the capabil	ity enhancement	Date of	Nu	mber of students	Agei	ncies
	schen	ne	implementation		enrolled	invo	lved
Human Va	alues and p	rofessional ethics	15/07/2015		127		STC zepur
Р	Professional	Skills-I	15/07/2015		127		STC zepur
International Yoga Day			21/06/2015		40		i Yog than, zepur
Soft Skill development			15/07/2016		254		agency at te level
	Soft skill	classes	15/07/2016		75		STC zepur
Human Va	alues and p	rofessional ethics	15/07/2016		109		STC zepur
Human Va	alues and p	rofessional ethics	15/07/2016		06		STC zepur
So	oft Skill dev	velopment	15/07/2016		143	Central a	
5.1.3 Studen institution d		ed by guidance for cover	ompetitive examin	ations a	and career counse		
Year Na				Career	Number of students who ha passed in the competitive exa	ive studen place	
2015 exa	Competitive examinations and Career counselling		30		2		13
2015 Co	Career ounselling	02	08		02		06
5.1.4 Institu	utional me	chanism for transp	arency, timely rea	dressal	of student griev	ances, Preve	ention of

Total grie	vances	No o	f orievan	ces redressed		verage nur	nber of days	for grievance	
received	evances	110.0	r grievan			Average number of days for grievance redressal			
	NIL		Ν	NIL			NIL		
5.2 Stude	ent Progression								
5.2.1 De	etails of campus	placeme	ent during	g the year					
		On	Campu	S			0	ff Campus	
Name of	Organizations V	isited	Numbe particip	er of Students pated	S	umber of Students Placed	Number of	Students Placed	
Cetpa Inf	otech			16		5			
Gtech So	ftware			20		3			
Hewlett F	Packard			50		2			
Infosys				140		12			
Netmax 7	Jetmax Tech.			29		6			
KineticX Ltd.	Tech Solutions	Pvt.	18			2			
Step Con	sultancy		20			5			
TCS			75			1			
Virtusa C	Cop.		23			4			
Webcom	Sys.		45			4			
Total				436		44			
5.2.2 Stud	dent progression	to high	er educat	tion in percentag	ge du	ring the yea	r		
Year	Number of students enrolling into higher education	Progra gradua from		nme Department		Name of institution joined		Name of Programme admitted to	
2015-16	01	B-'	Tech CSE		SBSSTC,		Ferozepur	M-Tech CSE	
2015-16	01	B-7	Fech	ch CSE		PEC, Char	ndigarh M-Tech CSE		
2015-16	02	B-	Tech CSE		UIET, Cha		andigarh	ME. CSE	

2015-16	02	B-Tech	CSE	GNDU, Amritsar	M-Tech CSE
2015-16	03	B-Tech	CSE	Punjabi University, Patiala	M-Tech CSE
2015-16	05	B-Tech	CSE	University Of Victoria Canada	MS in Computer Science
2015-16	01	B. Tech	ECE	PEC, Chandigarh	ME
2015-16	01	B. Tech	ECE	Punjabi University Patiala	Ph.D.
2015-16	01	B. Tech	ECE	Sunrise University Rajasthan	MBA
2015-16	01	B. Tech	ECE	University Of Victoria Canada	Master in Electrical and Computer engineering
2015-16	01	B. Tech	ECE	IIT, Bombay	M. TECH
2015-16	01	B. Tech	ECE	IIT, New Delhi	M. TECH
2015-16	02	B.Tech	EE	AIET, Faridkot	M.Tech
2015-16	03	B.Tech	EE	SBSSTC, Ferozepur	M.Tech
2015-16	02	B.Tech.	CE	GNDEC, Ludhiana	M.Tech
2015-16	02	B.Tech.	CE	GZSCET, Bathinda	M.Tech
2015-16	01	B.Tech.	CE	CQUniversity Sydney	MS
2015=16	02	B.Tech.	CE	Carleton University Ottawa	MS
2015-16	01	B. Tech.	CHE	NIT, Jaipur	ME CHE
2015-16	02	B. Tech.	CHE	UICET-PU, Chandigarh	ME CHE
2015-16	01	B. Tech.	CHE	Thapar University, Patiala	ME CHE
2015-16	01	B. Tech.	CHE	University of Waterloo, Canada	ME CHE
2015-16	08	B.Tech	ME	Fleming College Canada	M.Tech; MBA; Diploma courses
2015-16	07	B.Tech	ME	Cegep de la Gaspedie et des lies, Canada	M.Tech; MBA; Diploma courses

2015-16	04	B.Tech	ME		Western Sydney	M.Tech; MBA;
					University Australia	Diploma courses
					level examinations d	
					vices/State Governmen	
Items	No. of St	udents selected/	qualifying	Regis	stration number/Roll nu	imber for the exam
NET		-			-	
SET		-			-	
SLET		-			-	
GATE		23			-	
GMAT		-			-	
САТ		-			-	
GRE		-			-	
TOFEL		-			-	
Civil Services		-			-	
State Government Services	Government			-		
Any Other		-			-	
5.2.4 Sports an	d cultural a	ctivities / compe	etitions organi	sed at	the institution level dur	ring the year
	Activit	У		Level Participants		
Department So	ociety Func	tion Nirmaan 2k	X16	Institute level 105		
Teej Celebratio	on			Institut	Boys and Girls) 30	
Debate				Institut		(Girls) 40
Lohri Celebrati	on		T	nstitute	e Level (.	Boys and Girls) 80
				monut		Boys and Girls)
Diwali Celebra	tion			Institut	e level	80
Dens store (I		1 Evert		Ten and it is a		Boys and Girls)
Department Le	vei Cultura	I Events		Institut		300 Boys and Girls)
Jashan 2K16				Institut	e level	600
Freshers Welcome Function			Ten and it is it		Boys and Girls)	
Freshers Welc	ome Functi	on	-	Institut		300 Boys and Girls)
Virsa 2k16				Institut		Boys and Girls) 200
						Boys and Girls)
Fare Well Fund	ction			Institut		150
						Boys and Girls)

Annual Athletic Meet /Inter Year College Tournament 1) Cricket 2) Football 3) Table Tennis 4) Basket Boll 5) Volley Boll 6) Chess 7) Lawn Tennis 8) Hockey 5.3 Student Participation and Activities 5.3.1 Number of awards/medals for outstanding national/international level (award for a team ev			standing p	performance		al activities a	380 and Girls) t
Year	Name of the award/ medal	National/ Internationa	Sports	Cultural	Studer Num		Name of the student
2015-16	Bronze Medal	University level	Basket ball		160390114 B.	Tech ECE	Jayshree sarkar
2015-16	Silver Medal	University level	Basket Ball		1514286 B.Tech ECE		Simranjeet Kaur
2015-16	Silver Medal	University Level	Basket Ball		1514285 B.Te	ch ECE	Reena Rani
2015-16	Gold Medal	University level	Lawn Tennis		1514286 B.Te	ch ECE	Simranjeet Kaur
2015-16	Gold Medal	University Level	Lawn Tennis		1514285 B.Tee	ch ECE	Reena Rani
2015-16	Gold Medal	University Level	Lawn Tennis		15110741 B.T	ech ECE	Sharanjeet Kaur
2015-16	Bronze Medal	University level	4*100 relay race		1421583 B.Te	ch CSE	Rohit Kumar
2015-16	Bronze Medal	University Level	Basket Ball		160280617 B.	Tech CSE	Anshika Singh
2015-16	Silver Medal	University level	400 m race		15110953 B.T	ech ME	Sudhir Kumar Singh
2015-16	Gold Medal	University level	4*100 m race		15110953 B.T	ech ME	Sudhir Kumar Singh
2015-16	Gold Medal	University level	1500 m race		15110810 B.T	ech ME	Ajeet Kumar Singh
2015-16	Gold Medal	University level	800 m race		15110810 B.T	Tech ME	Ajeet Kumar Singh
2015-16	Bronze Medal	University Level	Basket Ball		160390114 B.	Tech ECE	Jayshree Sarkar
2015-16	Bronze Medal	University Level	Basket Ball		160390109 B.	Tech ECE	Sakshi Dhaliwal

2015-16	Bronze	University	Basket	 1514286 B.Tech ECE	Simranjeet
	Medal	Level	Ball		Kaur
2015-16	Bronze	University	Basket	 1514285 B.Tech ECE	Reena Rani
	Medal	Level	Ball		
2015-16	Bronze	University	Basket	 1514213 B.Tech CHE	Bharti Rani
	Medal	Level	Ball		
2015-16	Bronze	University	Basket	 1514212 B.Tech CHE	Anita
	Medal	Level	Ball		
2015-16	Bronze	University	Basket	 160280668 B.Tech CSE	Needhi Kaur
	Medal	Level	Ball		
2015-16	Bronze	University	Basket	 1421991 MCA	Manpreet
	Medal	Level	Ball		Kaur

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are a part of anti-ragging committee for the prevention of ragging in the campus. Students Grievance redressal committee is also functioning properly in the campus for addressing and effectively resolving grievances of students and in this committee also, one of the member is from student committee.

5.4 Alumni Engagement

5.4.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): Yes, The Alumni Association was registered under Registration No. FZR3585 on dated 08/10/2009

- The college holds Alumni Meet of the passed out students annually.
- Department-wise Online Alumni Surveys are conducted for the passed out batches.
- A number of Groups on the Social Websites like facebook [SBSSTC alumni page] etc. are used to disseminate the information to the Alumni.
- Alumni Registration is done through one online form published on college Website <u>www.sbsstc.ac.in</u> and one Linkedin account

5.4.2 No. of registered Alumni:

257 till date on web portal, 700 on Linkedin

5.4.3 Alumni contribution during the year (in Rupees):

5.4.4 Meetings/activities organized by Alumni Association:

01

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college believes in decentralized governance and Participative management. Teaching and non-teaching staff members share the administrative responsibility of the college and contribute in smooth working of administrative machinery. The following are the practices being carried out to ensure that the classes are engaged properly viz:

- 1) All of the class rooms and labs have CCTV.
- 2) Associate Director monitors the engagement of classes through CCTV

6.1.2 Does the institution have a Management Information System (MIS)?

Yes/No/Partial:

Partial

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Curriculum Development:-

- Updated syllabus of common and core courses across all disciplines
- Implementing credit based evaluation system
- Introducing open electives in all disciplines
- Introduced special courses
- Finishing school
- Personality development
- Aptitude development courses for final year student

Teaching and Learning :-

- Implementation of outcome based inclusive system of knowledge dissemination.
- Modular course structure with provisions to address the problems of slow learners by arranging remedial classes.
- Online Courseware, Webinars, Video lectures and intensive laboratory training.
- Choice Based Credit System with uniformity in credits across disciplines.
- Introduction of non-credit courses for Professional Development.
- Wide choice of elective courses Inclusion of e-books, courseware, tutorial modules for each course.
- CO PO mapping and Bloom's Level attainment for each course.
- Modernization of labs to accommodate the latest trends in technical education
- Compulsory two Industry internship windows.
- Introduction of Value Added courses.

Examination and Evaluation:-

- Academic Calendar is prepared in the beginning of each Academic Year and published on institute website.
- Comprehensive continuous mode of internal Assessment Monitoring is done through DQAC and IQAC.
- The question papers are in accordance with the Course outcomes defined in curriculum of each course which in turn are mapped with Programme outcomes.
- The Examination pattern, grading and any amendments after the approval of the Academic Council, is informed to all stake holders by the Dean (Academics) through the respective HoDs.
- The final End-Term Examination is coordinated and conducted by the Office of the Controller of

Research and Development:-

- The faculty are allowed to register for Ph. D. programme in various universities/ IITs/ NITs/ own institute under QIP, study leave or part time basis.
- Each department has its own computer laboratory equipped with software for the research purpose apart from other laboratories.
- Research oriented books, journals and e-journals are available in the Central Library.
- Conferences, faculty development programmes/ short term courses and guest lectures are organised time to time for the researchers/ students.

Library, ICT and Physical Infrastructure / Instrumentation:-

- The Central library is a multimedia Enabled Digital Library with large number of e-books, e-journals and other online course material equipped with 10 computers, two laser printers and soul software.
- The Central library has ICT and Physical Infrastructure / Instrumentation, Barcode / RF Enabled Circulation and Surveillance in its premises.
- Institute has ICT Enabled classrooms
- The Computer centre has a number of working environments & Packages; Windows, Matlab, Statistica, Mathematica etc
- Campus wide networking through Optical Fibre Backbone Reading Rooms in Central Library and various hostels.

Human Resource Management:-

- Separate Establishment Branch for maintaining record, performance appraisal etc of available human resource Grievance redressal mechanism in place for faculty, staff, students,
- Transportation facility for faculty staffs and students.
- Reimbursement of TA/DA for official travel, attending conference, seminar, or any special training.
- On campus health centre with ambulance

Industry Interaction / Collaboration:-

• Institute has signed Memorandum of Understanding (MoU) with following industries for the purpose of enriching the technical education process:

Infosys Ltd Metro Tyres Ltd., Ludhaiana CETPA Infotech Pvt Ltd., Noida P.P. Industries Pvt Ltd., Bathinda

- Itenic Technology Pvt Ltd., Noida
- The Industry Institute Interaction Partnership Cell (IIIPC) has been established in our Campus under anAICTE scheme with following objectives:
 - (i) To organize activities with the involvement of industry people for the benefit of students.
 - (ii) To conduct such programmes evolving interaction between industry and the institute.
 - (iii) To spread awareness in the society regarding industry and engineering education

Admission of Students:-

- The Institute follows a highly transparent admission process strictly adhering to the rules and regulations of the affiliated University IKGPTU, Kapurthala and Punjab State through Centralized counselling conducted by the University.
- The vacant seats are then advertised and filled purely on merit basis.

Candidates are required to fill the online Registration form. Each application is processed and verified for their admission.

6.2.2 : Implementation of e-governance in areas of operations:

- Planning and Development:-Student data management, Timetable, attendance modules are working.
- Administration:- Employee data management, Biometric attendance, Leave Management, and Payroll Modules are working
- Finance and Accounts:-Fee Management, Receipt and Payments modules are working.
- Student Admission and Support:- Student admission is through centralized Online counselling conducted by the affiliating University
- Examination: Examination department is completely computerized. Results are displayed Online individually in the Login of student. Exam form filling, Conduct of exam, Declaration of Result modules are working.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

	essional boules during		1	
Year	Name of teacher	Name of conference/	Name of the	Amount of
		workshop attended for which	professional body for	support
		financial support provided	which membership fee	
			is provided	
2015-16	Dr. Sanjeev Dewra	National Conference on	TEQIP/SBSSTC,	100000/-
		Communication, Computing	Ferozepur	
		and Systems		
2015-16	Dr. Sanjeev Dewra	Workshop cum Conference	DIT-University,	2000/-
		Recent Trends in Emerging	Dehradun	
		Technologies (RTET-2015)/		
		SPIE & OSA		
2015-16	Dr. Rajiv Arora	National Conference on	TEQIP/SBSSTC,	18,000/-
		'New Frontiers in	Ferozepur	
		Chemistry-from		
		Fundamentals to		
		Applications' BITS Pilani		
		Goa Campus		
2015-16	Dr. Anand K Tyagi	13th International	TEQIP/SBSSTC,	70,000/-
		Conference on Heat	Ferozepur	
		Transfer, Thermal Engg. &		
		Environment (HTE'15), June		
		27-29, 2015, World		
		Scientific & Engg.		

		Acader	ny,& University	of				
		Salerno	o, Italy					
2015-16	Dr. Anand K Tyagi	3rd National Conference On		TEQIP/SBSSTC,		,	7000/-	
		Nanosc	cience And		Ferozepur			
		Instrum	nentation Techno	logy,				
		June 06	5-07, 2015, Natio	nal				
		Institut	e of Technology,					
		Kuruks	hetra - 136119 (I	India)				
2015-16	Dr. Lalit Sharma		ıropean	,	TEQIP/SBSST	C.	7	0,000/-
			ydrate Symposiu	m	Ferozepur	- 7		-,
			rb 18 at Moscow					
			a) from Aug. 2-6,					
		2015	<i>i)</i> II0III 7 16 <u>6</u> . 2 0,					
2015-16	Dr. Lalit Sharma		O-XXX Conferen	nce	TEQIP/SBSST	C	3	3,000/-
2010 10	Di. Dant Sharma		ersity of		Ferozepur	с,	5	5,000/
			herry, Pondicher	~ 1 /	reiozepui			
			ec. 29-31, 2015.	y				
632 Num	ber of professional de		,	o trair	ing programmas	organiza	d by th	
	ig and non teaching st			euan	ing programmes	organize	su by u	le Colleges
Year	Title of the profe		Title of the		Dates (from-	No. of		No. of
	development programme		administrative		to)	participants (Teaching staff)		participant
		organised for teaching staff		training programme organised for non-				s (Non- teaching
	staff							
			teaching staff					staff)
2015-16	2015-16 Research Techn				25/05/2015- 05/06/2015	2	0	_
2015-16	Image Processing Applications	g and Its	_		08/06/2015- 12/06/2015	0	2	_
2015-16	Organized techni	cal						
	workshop on	workshop on "ROBOTICS & ARM"		_		02		_
	"ROBOTICS & A							
	23-25 April, 2016	5						
2015-16	FDP ("Material							
	Technology & Characterization		-		21/12/2015 - 25/12/2015	64		-
	Techniques"				23/12/2013			
2015-16	·	op on						
	"Application of							
	Chemical Engine	ering in			30/10/2015-		2	
	alternative source	alternative sources of Energy" In collaboration with IIChE Doaba			30/10/2015	42		_
	Energy" In collab							
	with IIChE Doab							
	of teachers attendi Course, Short Term C		_				tation	Programme,
	f the professional dev		<i>i i</i>		nber of teachers		te and I	Duration
	±.				who attended		(from -	
						00/07/7	015	100000
Image Pro	cessing and Its Applic	cations			02	08/06/2	2015 to	12/06/2015

AICTE Sponsore	d & TEQIP su	pported Faculty	20	25/	05/2015 to 05/06/2015	
Development Pro	gramme on Re	search Techniques,				
Organized at SBS	STC, Ferozepu	ır				
TEQIP Sponsored	d One-Week Fa	aculty Development	20	21/	12/2015 to 25/12/ 2015	
Programme on M	aterial Techno	logy and				
Characterization 7	Techniques Org	ganized at SBSSTC,				
Ferozepur						
PTU sponsored of	ne week FDP N	NBA Accreditation	01	06/	07/2015 to 10/07/2015	
Process						
Automation and I	Digital Library	organized at MIMIT,	01	01/	06/2015 to 05/06/2015	
Malout						
Vulnerabilities in	Cyberspace an	nd Adopting Security	01	20/	07/2015 to 31/07/2015	
Policies						
Short Term Cours	se – "Operation	nalisation of NSQF"	01	17/	08/2015 to 21/08/2015	
Innovation and C	reativity Devel	opment in Teachers and	1 02	09/	05/2016 to 13/05/2016	
Students	-					
AICTE & TEQIP	-II supported F	DP on "Research				
techniques" organ				25/	05/2015 to 05/06/2015	
SBSSTC, Ferozej			03			
Shale Gas & Oil			01	28/	01/2016 to 29/01/2016	
6.3.4 Faculty and	d Staff recruitn	nent (no. for permanent	recruitment):			
	Teaching	(F	,-	Non-teach	ing	
Permanent	Ę	Fulltime	Permanent		Fulltime	
66	-	66	83		83	
6.3.5 Welfare sch	emes for	00	05		00	
Teaching					02	
Non teaching					02	
Students					06	
	lanagament ar	nd Resource Mobilizat	ion		00	
	lanagement a		1011			
6.4.1 Institution c	onducts international	al and external financial	audits regularly	(with in 100 y	words each)	
					~ 1 001 1	
		cial audit is done by Pu	njab Governmen	t Accountant	General office and	
internal audit is d	one by internal	Audit Committee				
642 Funds / Gra	nts received fro	om management, non-ge	overnment bodie	s individuals	philanthropies	
during the year(no				s, mai (iaaais,	piniuniopres	
Name of the non						
funding agencies	/ individuals	Funds/ Grants received	in Rs.	Rs. Purpose		
6.4.3 Total corpus	s fund generate	ed 35 Crore				
6.5 Internal Qua	lity Assurance	e System				
6.5.1 Whether Ac	ademic and Ad	Iministrative Audit (AA	A) has been don	e?		
		External		In	ternal	
Audit Type					Authority	
Audit Type	Yes/No	Agency		Yes/No	Authority	
Audit Type Academic	Yes/No Yes			Yes/No Yes	Authority IQAC	

Administra	tive	Yes	Punjab Govt./Ext	ernal CA	Yes		al Various nmittees
6.5.2 Activit	ties an	d support from	the Parent – Teache	r Association	(at least three)		
The PTA als	so aim	s at enhancing	the interaction amon	g the various	stakeholders.		
		U	on for development of	0			
• Pointing	g out t	he weaknesses	of the college & rela	ated Departme	ents and suggesting	rectificati	on.
		-	h the students feel sh	y to communi	cate directly to the	teachers a	about the
_		he department.					
	-		for support staff (at l	east three)			
1.Computer							
		stress manage	ment				
3.Soft skill t		-	- (-) ((1,			
			e(s) (mention at least	,			
			e been contacted for			ution.	
			the need of employa nearby villages to en			lunliftme	nt etc
6.5.5		crway to adopt	nearby vinages to en			i upintine.	
	on of I	Data for AISHE	E portal : (Yes /N	No) Yes			
b. Participat			: (Yes / N)	,			
c. ISO Certi			: (Yes /N	,			
		ner quality audi		·			
			es undertaken during				
		of quality initia		Date of	Duration (from-	-to)	Number of
i cai i i		n quanty initia	live by IQNC	conducting	Duration (nom-	,	participants
				activity			participants
2015-16 Ir	mnlam	entation of OB	E advocated by	14/01/2016	14/01/2016		2400
	Inplem IBA		DE auvocated by		14/01/2016		2400
		1., .	1 1	(1st IQAC)			2400
	Education quality improvement through			14/01/2016			2400
te	eachin	g of courses of	courses using ppts	(1st IQAC)	14/01/2016)	
2015-16 N	Marking of student attendance on ERP			14/01/2016	14/01/2016	-	1500
		-		(1st IQAC)	14/01/2016		

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)					
Title of the programme	Period (from-to)	Participants			
The of the programme	1 enou (nom-to)	Female	Male		
Celebration of International Women's Day	8 March 2016	43	50		

	ronmental Consci e of power require		•		U .			
7.1.3 Diffe	erently abled (Div	yangjan) friendl	iness			L		
	Items	Facilities		Y	es/No	No. of Beneficiaries		
Physical fa	acilities				Yes	All Differently-ab	oled students.	
Provision	for lift				Yes	All Differently-ab	bled students.	
Ramp/ Rai	ls				Yes	All Differently-ab	oled students.	
Braille Sof	ftware/facilities				No			
Rest Room	18				Yes	All Differently-abled students.		
Scribes for	examination				Yes	All Differently-abled students.		
Special ski	ill development fo	or differently abl	led students		Yes	All Differently-abled students.		
Any other	similar facility				Yes	All Differently-abled students.		
7.1.4 Inclu	sion and Situated	ness						
	1	r	T		0	disadvantages duri		
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	t	Name of he nitiative	Issues addressed	Number of participating students and staff	
2015-16	3	3	27/08/2015	I	Blood Donation Camp	Voluntary Blood Donation	80	

2015-16	3	3	25/01/2016	Voter awareness under SVEEP	Voter awaren	ess	60
2015-16	3	3	16/03/16	Blood Donation Camp	Volunta Blood Donatio	•	48
7.1.5 Huma	an Values and Pro	ofessional Ethi	cs				
Code of co	nduct (handbooks	s) for various s	stakeholders				
	Title		Date of Publication	on	Follow	1	kimum 100
						words each)	
7.1.6 Activ	ities conducted for	or promotion o	f universal Values	and Ethics			
					,		umber of
Duranius	Activity			omto		par	ticipants
-	Painting and Sloga	-	20/08/2015 - 20/08/2015				100
Drug De-ad		ation and					
Drug De u							
Seminar or	Drug De-addicti	on	02/09/201	5 - 02/09/201	5		80
Seminar of	n Road Safety		11/02/2016 - 11/02/2016				60
Rally on Drug De-addiction on AIDS Awareness			15/03/2016 - 15/03/2016				300
7.1.7 Initia	tives taken by the	institution to	make the campus e	co-friendly (at	least five))	
 Tree P Swatch Paintin Semin 	Plantation on Regu h Bharat Abhiyan ng Competition of ar on Environmen	ular Basis. i is going on. n environment ntal Conservat	conservation on re ion on regular Basis s for 15 days is goin	gular basis. s.			
7.2 Best P							
Upload det	t least two institut ails of two best p website, provide t	ractices succes	ctices ssfully implemented	l by the institu	tion as per	[•] NAAC f	ormat in your
And <u>htt</u>	e institute is using d Accounts and G ps://forms.eduqfi ps://sbsstc.edugrie	rievances of s x.com/sbsstcom		naging activition	es related	to Acade	mics, Finance

- 2. The institute has automated Exam And Grading module for Exam form filling, Conduct of exam and Declaration of Result
- http://10.11.11.11 (MySBSExam intranet website)
- 3. Institute has fully computerized Library through Koha Library Module

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust:-

• Education Quality Improvement through Propagation of Outcome Based Education (OBE) as advocated by NBA

Provide the weblink :- http://10.11.11.11 (MySBSExam intranet website)

8. Future Plans of action for next academic year (500 words)

The following are the future plans for the forthcoming Academic year 2016-17:

- Approval for credit allocation to students admitted during August 2015
- Up-gradation of Departmental Libraries and Strengthening of Central Library
- Education Quality Improvement through teaching of courses (Theory and Practical) using ppt slides
- Feasibility review of existing courses and start of new courses from academic year 2016-17.
- To enhance coaching for competitive examination, counselling for career guidance and Placement cell.
- To introduce innovative process in teaching, learning& evaluation.
- To stimulate IQAC's contribution to Student Support Services.
- To boost student activities in cultural and games and sports at state, national and International level.
- To promote Extension Activities and Social Responsibilities.

Name Dr. Lalit sharing.

T. S. Sielly Name

3108701

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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Annexure I

Abbreviations:

IQAC		Internal Quality Assurance Cell
SBSSTC		Shaheed Bhagat Singh State Technical Campus
CBCS		Choice Based Credit System
OBE	-	Outcome Based Education
NBA	-	National Board of Accreditation
ERP		Enterprise Resource planning
UG	-	Under Graduate
PG	-	Post Graduate
B.Tech	-	Bachelor of Technology
M.Tech	-	Master of Technology
B.Arch	-	Bachelor of Architecture
CSE	-	Computer Science and Engineering
ECE	-	Electronics and Communication Engineering
CE	-	Civil Engineering
EE		Electrical Engineering
CHE		Chemical Engineering
ME	-	Mechanical Engineering
CA		Computer Application
MBA		Master of Business Administration
MCA		Master of Computer Application
PGDCA	-	Post Graduate Diploma in Computer Application
B.Sc (IT)		Bachelor of Science in Information Technology
MHRD	-	Ministry Human Resource Development
TEQIP	-	Technical Education Quality Improvement Programme

ANOs		Associate NCC officer
MoU		Memorandum of Understanding
GATE		Graduate Aptitude Test
CCTV		Closed-circuit television
FDP		Faculty Development Programme
ISTE		Indian Society of Technical Education
EFG		Eco -Friendly Group
RRC	*	Red Ribbon Club
NSQF		National Skills Qualification Framework
SVEEP		Systematic Voter's Education and Electoral Participation
