
Annual Quality Assurance Report

2016-17

Submitted by

Internal Quality Assurance Cell (IQAC)



**Multani Mal Modi College, Patiala
Punjab**

The Annual Quality Assurance Report (AQAR) of the IQAC

July 1, 2016 to June 30, 2017

Part – A

I. Details of the Institution

1.1 Name of the Institution	MULTANI MAL MODI COLLEGE
1.2 Address Line 1	NEAR SUNAMI GATE
Address Line 2	LOWER MALL ROAD
City/Town	PATIALA
State	PUNJAB
Pin Code	147001
Institution e-mail address	principal@modicollege.com registrar.modicollege@gmail.com
Contact Nos.	0175-2214108, 0175-2212049, 98155-46108 Fax: 0175-2305853
Name of the Head of the Institution:	Dr. Khushvinder Kumar
Tel. No. with STD Code:	0175-2214108
Mobile:	98155-46108

Name of the IQAC Co-ordinator:

SH. NIRMAL SINGH

Mobile:

94174-35727

IQAC e-mail address:

registrar.modicollege@gmail.com

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

PBCOGN 12070

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

EC(SC)/06/RAR/071 dated 01-05-2015

1.5 Website address:

www.modicollege.com

Web-link of the AQAR:

www.modicollege.com/AQAR2016-17.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B++	---	2005	5 Years
2	2 nd Cycle	A	3.26	2015	5 Years
3	3 rd Cycle	---	---	---	---

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

05/10/2011

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

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

(i) **AQAR 2015-16 submitted to NAAC on 07-11-2017**

(*Acknowledgement received on 08-11-2017 vide no. NAAC/AQAR ACK/ NOVEMBER/ 2017/*)

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☐ No ☒

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

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐

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

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

1.11 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☒ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☒

Others (Specify)

Computer Science

1.12 Name of the Affiliating University (*for the Colleges*)

PUNJABI UNIVERSITY, PATIALA

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

Autonomy by State/Central Govt. / University ☐

University with Potential for Excellence ☐

UGC-CPE

☒

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

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="08"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="05"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01*"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="---"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="---"/>
2.9 Total No. of members	<input type="text" value="17"/>

(See annexure II)

* Alumni is also external expert

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders:

No.	<input type="text" value="02"/>	Faculty	<input checked="" type="checkbox"/>
Non-Teaching Staff	<input type="text"/>	Students	<input type="text"/>
	<input type="text"/>	Alumni	<input type="text"/>
	<input type="text"/>	Others	<input type="text"/>

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

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

1. **Seven Day faculty Development Programme:** A seven Day UGC sponsored Faculty Development programme on the theme 'Academic Writing' was organised in the college from January 09-16, 2017.

2.14 Significant Activities and contributions made by IQAC

1. Conduct the curricular and co-curricular activities as per annual calendar of the college.
2. To encourage the faculty for writing research proposal, research papers and publishing them in reputed journals.
3. Facilitating faculty to attend seminars/conferences.
4. To organise Faculty Development Programmes (FDP)
5. To prepare Departmental Schedule of extension activities
6. To procure UGC grants for research labs and other equipments.
7. To expedite the process to fill vacant aided posts.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Outcomes/Achievements
1. To conduct the curricular and co-curricular activities as per annual calendar of the college.	1. Task at Sr. No. 1 have been executed as planned.
2. To increase the access of higher education to contribute to the national target of gross enrollment ratio (GER).	2. Task achieved with increase in student intake (from 4290 to 4530).
3. Networking with the institution of National importance.	3. Networking with the reputed institutions already in process viz. College already tie-up with Punjab Pollution Control Board, Solitaire Infosys Pvt. Ltd (MOU), Zed Start (MOU) and Brill Infosys for

	academic/professional training of the students.
4. To have comprehensive feedback from all stakeholders	4. Feedback mechanism is already in process. It was made more inclusive and streamlined with the change in format.
5. To provide consultancy services.	5. Teachers from Department of Commerce giving consultancy services to the staff of Income tax department in their training programmes.
6. To organize faculty wise workshops.	6. Five (05) workshops organized in various departments.
7. Increase in number of faculty.	7. Nine faculty members recruited in grant-in-aid scheme.
8. Finishing school activity on hands-on-training for the better placement of the students	8. Finishing school activity on hands-on-training has been started for Masters classes and final years graduates.

** Attached is the Academic Calendar of the year as **Annexure III***

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐
 Management ☒ Syndicate/Academic Council ☒ Any other body ☐

Provide the details of the action taken

Every year the AQAR is put before the academic council and modified as per their suggestion and then it is put before the management for the approval.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	---	---	---	---
PG	10	---	10	0
UG	13	02	10	0
PG Diploma	02	---	02	0
Advanced Diploma	02	---	---	01
Diploma	02	---	---	01
Certificate	03	--	---	03
Others	---	---	---	---
Total	32	02	22	05
Interdisciplinary	---	---	---	---
Innovative	---	---	---	---

For details please see Annexure IV

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	34
Trimester	---
Annual	---

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

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

**Please check Annexure-V for analysis of the feedback.*

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

1. Introduction of the Semester system by affiliating university.
2. Implementation of change/ revision/update of regulation or syllabi as and when revised by affiliating university.

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

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	42+01	32	10	01	---

2.2 No. of permanent faculty with Ph.D.	19
---	----

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	13	33	---	---	---	---	---	---	13	33

2.4 No. of Guest and Visiting faculty and Temporary faculty	---	---	92
---	-----	-----	----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	01	06	01
Presented papers	16	37	03
Resource Persons	03	09	07

For details please see Annexure VI

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

1. College faculty and students are encouraged to use the e-resources/e-books/e-notes for better classroom transaction.
2. All departments maintain a continuous student evaluation programme to evaluate the progress of the students.
3. Chemistry, Biosciences, Commerce and Computer faculties are provided with projectors and internet facility to enable ICT enabled teaching in class rooms.
4. All departments conduct national regional seminars/workshops in order to familiarize the students and the staff on the developments taking place in various disciplines.
5. The departments arrange field trips excursion and industrial visits.
6. Besides the lecture method, departments conduct group discussions in the class rooms, paper presentations, seminar, hands on training etc.
7. In addition to curriculum, summer training and research intership has been started.

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

194+14*

* days of mid semester test

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

Planning and preparation of two MSTs and question banks. In-house printing of question papers for MSTs.

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

14 Faculty members are the members of board of studies of affiliating university and are involved in curriculum restructuring/ revision/syllabus development.

ANNEXURE-VII

2.10 Average percentage of attendance of students

79.8%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. Of students appeared	Division				
		Distinction	I	II	III	Pass %
B.Com Part 1	267	03	242	3	0	97.00
B.Com Part II	201	03	175	7	0	99.00
B.Com Part III	165	01	135	23	0	95.75
B.Com Hons. Part I	129	02	82	15	0	93.02
B.Com Hons. Part II	66	03	41	6	0	100.00
B.Com Hons. Part III	62		50	0	0	80.65
M.Com 1 st	40	01	32	0	0	90.00
M.Com 2 nd	34		27	1	0	82.35
B.A. I	600		77	32	0	70.17
B.A. II	448		68	56	0	92.63
B.A. III	316		56	96	38	60.13
BSc (Non Med.) Part-I	122		51	35	0	90.16
BSc (Non Med.) Part-II	132		86	26	1	98.48
BSc (Non Med.) Part-III	116		62	34	3	85.34

BSc (Med.) Part-1	60		36	6	0	78.33
BSc (Med.) Part-II	58	03	53	0	0	98.28
BSc (Med.) Part-III	56		34	15	0	87.50
BSc (Comp. Sci.) Part-1	44		19	5	0	86.36
BSc (Comp. Sci.) Part-II	67		35	15	0	95.52
BSc (Comp. Sci.) Part-III	44		12	22	0	77.27
B.Sc. (CSM) Part -I	23	01	14	0	0	91.30
BSc (Maths Hons.) Part-I	27		8	0	0	92.59
BSc (MCM.) Part-II	35		18	0	0	100.00
BSc (MCM.) Part-III	34	03	21	0	0	61.76
BSc (Biotech) Part I	36	01	19	6	0	88.89
BSc (Biotech) Part II	28	01	18	4	0	100.00
BSc (Biotech) Part III	35		17	10	0	77.14
BSc (Bioinfo.) Part II	07		04	1	0	85.71
BSc (Bioinfo.) Part III	07	01	04	2	0	85.71
BSc (Fashion Tech) Part I	25	03	12	0	0	80.00
BSc (Fashion Tech) Part II	29		20	0	0	68.97
BSc (Fashion Tech) Part III	14	02	09	3	0	85.71
BBA Part I	63		21	1	0	95.24
BBA Part II	54		33	3	0	98.15
BBA Part III	51		29	6	0	68.63
BCA Part I	93		27	1	0	87.1
BCA Part II	69		34	7	0	100
BCA Part III	61		32	8	0	65.57
MSc Chem. Part-I	37	01	36	0	0	100.00
MSc Chem. Part-II	37		36	0	0	97.3
MSc Pharm Chem. Part-I	26	06	22	1	0	88.46
MSc Pharm Chem. Part-II	13	05	10	0	0	76.92
MSc Math Part-I	39		32	2	0	97.44

MSc Math Part-II	33	01	28	2	0	90.91
MSc Bio Tech Part-I	16	03	08	2	0	93.75
MSc Bio Tech Part-II	13	04	12	0	0	92.31
MSc (Fashion Tech) Part-I	27	02	20	0	0	77.78
MSc (Fashion Tech) Part-II	21	04	17	0	0	80.95
MSc (Food and Nutrition) Part-I	11	04	09	2	0	100.00
PGDCA	59		18	0	0	30.51
B.Voc (IWTT) Part -I	21		2	0	0	38.09
B.Voc (Software Development) Part -I	13		0	0	0	38.46
MSc (IT) Part-I	23		18	0	0	91.30
MSc (IT) Part-II	20		20	0	0	100.00
MSc (IT) Part-II (Lateral Entry)	08		02	0	0	25.00

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

IQAC monitor the implementation of Annual Academic Calendar. It also analyse the results and compare them with the university results/previous year results and make plan for the improvements wherever needed.

As per the analysis and comparison with previous results of the college and with that of the Punjabi University it is found that there is continuous improvement in the academic level and henceforth in the results of the students.

Healthy number of distinctions is to the credit of the college.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	07
UGC – Faculty Improvement Programme	---
HRD programmes	---
Orientation programmes	01
Faculty exchange programme	---
Staff training conducted by the university	---
Staff training conducted by other institutions	---
Summer / Winter schools, Workshops, etc.	---
Others (FDP organized by college)	All faculty

For details please see Annexure VIII

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	06	05	---	04
Technical Staff	07	10	---	04

Criterion – III

3. Research, Consultancy and Extension

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

- IQAC is encouraging the teachers to attend more seminars.
- Proper help and support is given to teachers to avail themselves of faculty improvement programme.
- Notifications of research projects from various institutions are brought to the notice of teachers in order to enable them to apply for the programmes.

3.2 Details regarding major projects: NIL

	Completed	Ongoing	Sanctioned	Submitted
Number	---	---	---	---
Outlay in Rs. Lakhs	---	---	---	---

3.3 Details regarding minor projects: NIL

	Completed	Ongoing	Sanctioned	Submitted
Number	---	---	---	---
Outlay in Rs. Lakhs	---	---	---	---

3.4 Details on research publications

	International	National	Others
Peer Review Journals	24	07	--
Non-Peer Review Journals	--	--	--
e-Journals	01	--	--
Conference proceedings	--	--	--

For details please see Annexure IX

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

Annexure -IX

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	---	---	---	---
Minor Projects	---	---	---	---
Interdisciplinary Projects	---	---	---	---
Industry sponsored	---	---	---	---
Projects sponsored by the University/ College	---	---	---	---
Students research projects (<i>other than compulsory by the University</i>)	---	---	---	---
Any other(Specify)	---	---	---	---
Total	---	---	---	---

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

For details please see Annexure X

3.8 No. of University Departments receiving funds from: **Nil**

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences
organized by the Institution

Level	International	National	State	University	College
Number	---	01	---	---	01
Sponsoring agencies	---	---	---	---	---

For details please see Annexure XI

3.12 No. of faculty served as experts, chairpersons or resource persons (see Annexure XII)

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs: **Nil**

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	NIL
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year : **NIL**

Total	International	National	State	University	Dist	College

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

07

24

ANNEXURE-XIII

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

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

01

SRF

Project Fellows

Any other

3.21 No. of students Participated in NSS events:

University level

300

State level

54

National level

05

International level

X

3.22 No. of students participated in NCC events:

University level

43

State level

81

National level

04

International level

X

3.23 No. of Awards won in NSS:

University level

02

State level

X

National level

X

International level

X

3.24 No. of Awards won in NCC:

University level

05

State level

11

National level

01

International level

X

3.25 No. of Extension activities organized

University forum

College forum

06

NCC

03

NSS

12

Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility (**Annexure - XIV & XV**)

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing (sq.m)	Newly created	Source of Fund	Total
Campus area	21780.93 (Built up- 26074.46 sq. m)	---	---	21780.93 (Built up- 26074.46 sq. m)
Class rooms	46	12	---	58
Laboratories	28	---	---	28
Seminar Halls	1	0	---	1
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	---	---	---	---
Value of the equipment purchased during the year (Rs. in Lakhs)	102.09	3.21	---	105.30
Others (Lecture hall)	02	0	---	02

4.2 Computerization of administration and library

The administrative office of the college is fully computerized, while the work in direction for up-gradation of computerized library is in process.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	59040		584	128575	59,924	---
Reference Books	2000		300		2300	---
e-Books	97,000+				97,000+	---
Journals	53		---		53	187270
e-Journals*	6000+		---		6000+	---
Digital Database						---
CD & Video	100				100	---
Others (magazines)	27		---		27	---

*Subscription of INFLIBNET-NLIST journals.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	158	7	6	10	01	08 PC	26 PC	02 PC
Added	32	---	---	01	---	03 PC	---	01 PC
Total	190	7	6	11	01	11 PC	26 PC	03 PC

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

Computer facility is available in all the departments, library and administrative offices. Internet facility will be made available to the students in the college library and in the departments.

4.6 Amount spent on maintenance in lakhs:

i) ICT	12.70
ii) Campus Infrastructure and facilities	14.49
iii) Equipments	3.26
iv) Others	2.54
Total :	33.99

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Planning for teaching, learning, infrastructure facilities formulation and execution techniques. The IQAC renders information and support that the students on the campus and the alumni need. Planning for co –curricular support. It also ensures that the students are provided with skills and competencies needed for successful competition in the employment market. Through its student representative, the IQAC also establishes contact with the students union and ensures its proper and healthy work.

5.2 Efforts made by the institution for tracking the progression

Departments collect data about the student's performance in teaching, learning and their participation in extracurricular activities. Based on the analysis of the data, proper guidance is given to the students and their parents.

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others
3895	635	---	---

(b) No. of students outside the state

214

(c) No. of international students

0

	No	%		No	%
Men	2418	53.6	Women	2092	46.4

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3597	156	05	343	03	4290	3975	157	24	374	--	4530

Demand ratio: **1.45**

Dropout % : **8.7%**

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

CMAT and CA/CPT Coaching for Minority Students

No. of students beneficiaries

40

Annexure – XVI

5.5 No. of students qualified in these examinations

NET	04	SET/SLET		GATE	01	CAT	
IAS/IPS etc		State PSC		UPSC		Others	

5.6 Details of student counselling and career guidance

- ☞ Finishing School Activities
- ☞ Orientation Programme for the Entry Level Students
- ☞ Individualized personal counselling

No. of students benefitted **246**

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
9	180	74	17

5.8 Details of gender sensitization programmes

NSS play a major role in bringing revolutionary changes in the college and society. Girls are trained to take a lead role. Legal awareness classes are provided especially to the girl students. In addition programs like Save the Beti Bachao - Beti Padhao and Dhian di Lohri are organised at the college campus (**Annexure- XIV & XV**).

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level **300** National level **52** International level **15**

No. of students participated in cultural events

State/ University level **99** National level **01** International level **---**

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level **40** National level **51** International level **4(8)**

(See Annexure XVII)

Cultural: State/ University level **09** National level **03** International level **--**

(See Annexure XVIII)

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	563	55,74,700/-
Financial support from government	143	2,032,100/-
Financial support from other sources	57	559,945/-

Number of students who received International/ National recognitions	---	---
--	-----	-----

5.11 Student organised / initiatives

Fairs : State/ University level National level International level
Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students (see Annexure XIX)

5.13 Major grievances of students (if any) redressed:

Issues regarding regular maintenance and drinking water are addressed and resolved.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

To be a forward-looking institution which provides quality education at affordable price and make the students humane and conscious of contemporary societal concerns.

6.2 Does the Institution has a management Information System

Yes, the college has its own Management Information System. As a matter of policy, regular upgradation is done and introduction of computerized system is a step in this direction. Computerization of the Offices is complete. MIS is operational. Computerization of Library is still in process.

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

6.3.1 Curriculum Development

Our teachers/HODs discuss issues related to curriculum development in the departmental committees. Based on this feedback, our teacher, who are members of the boards of UG/PG studies of Punjabi University, contribute in curriculum development. Unit planning of the curriculum is done by the departments in the beginning of the session.

6.3.2 Teaching and Learning

New teaching methodologies, such as case studies, project work, seminars by the students and group discussions are used.

- New techniques based on ICT such as PPTs Projectors, links on various sites, e-journals and INFLIBNET etc. are being used to make the teaching aligned with the changing environment.
- Infrastructure support to augment the facilities for improving class room transaction practices.
- Teachers are encouraged to participate in seminars, workshops and conferences to update themselves. They are allowed duty leave for these days.

6.3.3 Examination and Evaluation

House Examination / MSTs are conducted twice on University pattern during the session.

- Special House Examination is conducted for those who were busy attending sports camps/events or other co-curricular activities during the regular exam days or those students who fail to appear in or failed to qualify the regular house examination.
- Super special House Examination is conducted after remedial classes for academically weak students.
- Evaluated Answer Books are returned to the students with suggestions for improvement. Consolidated result is prepared and analysed by the Register Office and the same is conveyed to students by displaying on the notice boards.

6.3.4 Research and Development

Out of permanent teaching staff in the college, 07 teachers are supervising students for their Ph.D. degree and 15 students have been enrolled as Ph.D students. Nine (9) faculty members are also pursuing Ph.D.

6.3.5 Library, ICT and physical infrastructure / instrumentation

During the academic year 884 books were added to the college library. Beside this library is under process for its computerized up-gradation in order to provide efficient, fast and easy access to the students/faculty for finding required books available in the library.

6.3.6 Human Resource Management

Benefits under CAS are extended to the staff members on the basis of API score without any delay.

- Adhoc teachers with good track record are re-inducted every year which provides them sense of security and belongingness.
- A system is in place for increasing the financial benefit of adhoc staff members.
- Despite the financial crunch of the state govt. and non-receipt of grants in time, salaries and retiral benefits are being paid regularly in time.

6.3.7 Faculty and Staff recruitment

Vacant posts are advertised in leading newspapers and online as well.

- The college remains in touch with heads of the departments of the Universities in surrounding area. This helps us to hire brilliant students through their recommendations.
- Perpetual system of receiving resume is in place. Whenever the need arises, suitable applicants are called for interview and selection is made on the basis of merit.

6.3.8 Industry Interaction / Collaboration

Various departments of the college have established a reasonably good linkage with the neighbouring industries for doing students project report.

6.3.9 Admission of Students

- Merit based admissions are done after the publication of Admission Notice in leading newspapers.
- Admissions under reservation policy of the state govt. are also done strictly as per rules.

6.4 Welfare schemes for

Teaching	Children of the staff members get fee concession during their studies in the college.
Non teaching	Winter and Summer Uniforms are provided to all the class IV employees (peons, gardeners, chowkidars, and sweepers). Some of them are accommodated in the college premises with their families.
Students	All kinds of scholarship schemes for students by state govt. as well as the central govt are implemented here. College also provides fee concessions to meritorious student, sports persons and economically weaker students. In addition, supports participation and appreciation of exemplary sports persons. Apart from this, teachers also help the needy students financially from their personal finances.

6.5 Total corpus fund generated

Nil

6.6 Whether annual financial audit has been done

Yes

☒

No

☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	---	Yes	Chairman/ Principal of college
Administrative	No	--	Yes	Chairman/ Principal of college

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

For UG Programmes Yes ☐ No ☒

For PG Programmes Yes ☐ No ☒

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

Punjabi University, Patiala has implemented the semester system of examinations in a phased manner. This system makes the teachers and the students focused on studies for whole of the year.

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

So far, only one college affiliated to the University has got the status of autonomous College. The colleges affiliated to the University are not able to appreciate the implications of this change on the working of the colleges. However, our college will review the matter from time to time and act accordingly.

6.11 Activities and support from the Alumni Association

The alumni of the college have been associated with the activities of the college. Prof. Ashok K, Malik, Dr. B. B. Singla, Dr. Neeraj Sharma, Dr. Kanwaljit Singh and Dr. Dhiraj Sharma - all the teachers from Punjabi University, Patiala have visited the college and participated in the seminars/conferences etc.

6.12 Activities and support from the Parent – Teacher Association

-N.A-

6.13 Development programmes for support staff

Our college provides promotional avenues for the support staff on the basis of their qualification, dedication and commitment to their work. Some of them joined the college as peons have risen to level of lab assistant and clerk.

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

- Herbal and ornamental trees have been planted in the botanical garden of the college.
- As a part of recycling of dead leaves, compost pit is dug and the manure from green leaves is used for improving the quality of soil for other plants.
- Plants near the chemistry laboratories to remove indoor pollutants that affect health are formaldehyde, Volatile Organic Compounds (benzene and trichloroethylene or TCE), airborne biological pollutants, carbon monoxide and nitrogen oxides etc.
- Rain water harvest system is operational in the college.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Hands on experience trainings to students
- Faculty development Program
- Visits to institutes of repute/industries and expeditions for field data/specimen collection

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

See Annexure XX

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

1. Research initiations and organising National Research Conferences viz. Recent advances in chemical and environmental sciences (RACES)
2. Sports encouragement and achievements

****For Details please see Annexure- VII, IX and XVII***

7.4 Contribution to environmental awareness / protection

- Organised Tree plantation drive in association with Basant Ritu Club (an NGO)
- Special lectures on Environment Protection.
- Installed rain water harvest system in the campus.

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

Strengths:

- Philanthropic and dedicated management committed to the cause of delivering quality education.
- Well qualified and experienced teaching faculty
- College located in the heart of the city
- College ranked among the top 10 educational institutions of Northern States in Science and Commerce in the surveys published by The Tribune on 14/04/2017.

Weaknesses:

- Recruitment of faculty on adhoc basis because of the State Govt. policy to not to recruit teachers against the vacant posts covered under grant-in-aid scheme.
- Difficulty in hiring and retaining competent teachers because of fixation of salaries which are not commensurate with their high academic qualification.
- Non-availability of auditorium and hostel facility.

Opportunities:

- Proximity to very reputed public and convent schools whose passouts in large numbers seek admission in our college. These students have high quality bench mark which can be improved through skill development programmes easily.
- Whole hearted support from the management for initiatives to start new courses.
- A large number of our own PG students provide enough scope for UGC/NET guidance and soft skill development programmes.

Threats:

- Reputed Govt. Colleges in the surrounding area charge much less fees as per govt. rules.
- Emergence of new autonomous colleges and private universities in the surrounding area.

8. Plans of institution for next year

- To initiate discussion on the recommendations made through brain storming and orient the Departments of the college towards quality enhancement.
- To invite experts from other institutions of excellence for their inputs in college's initiatives.
- To enhance collaborative research with National/International academic institutions/ industries.
- To promote the faculty member for submission of proposals for research grants.
- To inculcate the environment for more use of ICT in classrooms.
- Introduction of MOOC modules: Explore the possibilities for MOOC modules, formalize the process and encourage the faculty for MOOC modules.
- To upgrade computer labs and setting up a lecture recording studio.
- To promote the inter-disciplinary research programmes for teachers and students through research cell.
- To formalize the process/mechanism for consultancy activities.
- To update a mechanism for the exhaustive feedback from all stakeholders.
- To link and strengthen the data entry software (admissions, library, accounts and results) to form complete MIS.
- To identify a target group through Placement Cell and increase in soft skills training for employment under finishing school program.
- To submit the annual (2017-18) quality assurance report (AQAR) to NAAC.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____*_*_*_____

Annexure-I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Annexure - II

IQAC Members (2016-2017)

Faculty

1. Mr. Nirmal Singh
2. Mrs. Poonam Malhotra
3. Mr. Sharwan Kumar
4. Mrs. Shailendra Kaur
5. Dr. Ashwani Sharma
6. Mr. Ganesh Sethi
7. Dr. Sanjay Kumar
8. Dr. Deepika Jindal

Administrative/Technical Staff

1. Sh. Ajay Gupta
2. Sh. Vinod Sharma

Students

1. Mr. Shubham Bansal (M.Sc. Pharmaceutical Chemistry-I)
2. Ms. Shweta Sood (M.Sc. Biotechnology-I)
3. Mr. Bhavesh Mehta (BCA-III)
4. Ms. Charisha Goel (M.Com.-I)
5. Mr. Gurwinder Singh (M.A. Punjabi-I)

Management representative

1. Sh. Surindra Lal

Alumni & External Expert

1. Dr. B. B. Singla

Employer/Industrialist

1. Col. Karminder Singh

Meetings – 02

IQAC initiatives /Activities

1. Faculty Development Programme (FDP)
2. Department Schedule of extension activities
3. Unit Planning

Annexure – III

Academic and Co-academic Calendar: 2016-17

<p>Academic Calendar</p> <p>Opening of the College after the Summer Vacation Admission for Degree Classes (without Late fee) With late fee of ₹ 500 and Principal's permission With late fee of ₹ 1000 and approval of Dean CDC With late fee of ₹ 1500 and approval of the Vice-Chancellor With late fee of ₹ 2000 and approval of Academic Council and Vice-Chancellor Admission for PG Courses Commencement of the Academic Session</p> <p>Vacation Schedule Summer Vacation Winter Break</p> <p>House Exam Schedule (Semester System) Odd Semester MSTs-I Odd Semester MSTs-II Even Semester MSTs-I Even Semester MSTs-II</p> <p>University Semester Exams Odd Semester Even Semester</p>	<p>30 June, 2016 Up to 14 July, 2016 15 July to 30 July, 2016 1 August to 10 August, 2016 11 August to 20 August, 2016 22 August to 31 August, 2016 As per Punjabi Uni. Schedule 15 July, 2016 30 May to 29 June, 2016 26 Dec, 2016 to 6 Jan, 2017 1st Week of Sept. 2016 Last Week of Oct. 2016 1st Week of March 2017 15 April, 2017 onwards 26 Nov, 2016 onwards 13 May, 2017 onwards</p>
<p>Co-Academic Calendar</p> <ul style="list-style-type: none"> • Workshop on Art and Craft • Orientation Week (for entry level students) • Enrolment of players for various sports • Enrolment of NCC and NSS • Training workshop on Plant Tissue Culture • Talent Hunt - 2016 • Workshop on Waste Management • NSS Camp • Ru-b-ru with a Punjabi Writer • Extension Lectures • Science Fair • 'Technoquest' by the Computer Science Dept. • Essay Writing Competition • Books Exhibition • Modi Jayanti • Blood Donation Camps • Tours and Excursions • Conference/Seminar by Dept. of Commerce • Release of the College Magazine • Workshop by Dept. of English • Finishing School Programme Week (for outgoing students) • Remedial Classes • National Symposium on Emerging Trends in Biological Sciences • National Science Conference (RACES) • Exhibition by the Dept of Fashion Designing • Workshop on Direct and Indirect Taxes • Prize Distribution Function / Convocation 	<p>2-12 May, 2016 15-21 July, 2016 15 July, 2016 onwards 15 July to 13 Aug, 2016 7-8 Sept., 2016 19 Sept, 2016 24-30 Sept., 2016 Sept./Dec., 2016 Oct., 2016 1st week of Oct. 2016 14 Oct, 2016 15 Oct, 2016 20 Oct, 2016 20 Oct, 2016 21 Oct, 2016 Oct 2016 (and on the requisition of GRMCH, Patiala) Oct. 2016 and April, 2017 Oct./Nov., 2016 Oct., 2016 Nov., 2016 Nov, 2016 and April, 2017 Nov, 2016 and April, 2017 11-12 Nov., 2016 15-16 Jan., 2017 7 Feb., 2017 11-12 Feb., 2017 March, 2017</p>

Annexure - IV

LIST OF ACADEMIC PROGRAMS

- ◆ Post-Graduate Courses
 1. M.Sc. (Chemistry)
 2. M.Sc. (Pharmaceutical Chemistry)
 3. M.Sc. (Biotechnology)
 4. M.Sc. (Mathematics)
 5. M.Sc. (IT)
 6. M.Sc. (IT) Lateral entry
 7. M.Sc. (Fashion Designing)
 8. M.Sc. (Food & Nutrition)
 9. M.Com.
 10. M.A. (Punjabi)

- ◆ Under-Graduate Courses
 1. B.Sc. (Non-Medical)
 2. B.Sc. (Medical)
 3. B.Sc. (Computer Science)
 4. B.Sc. (Biotechnology)
 5. B.Sc. (Bioinformatics)
 6. B.Sc. (Mathematics Hons.)
 7. B.Sc. (Computer, Stat. & Math.)
 8. B.Sc. (Fashion Designing)
 9. B. Com.
 10. B. Com. (Hons.)
 11. B. A.
 12. Bachelor of Business Administration (BBA)
 13. Bachelor of Computer Administration (BCA)
 14. B.Voc. (Industrial Waste Treatment Technology)
 15. B.Voc. (Software Development)

- ◆ Diploma Courses
 1. Post-Graduate Diploma in Computer Applications (PGDCA)
 2. Post-Graduate Diploma in Dress Designing & Technology (PGDD&T)

- ◆ Certificates/Diploma/Advanced Diploma (UGC Sponsored Add on Courses)
 1. Journalism
 2. Spoken English for Communication Skill
 3. Computerized Accounting

ANNEXURE - V

Analysis of feedback from various stakeholders

Feedback from the parents

Strengths

- Dedication of faculty towards their duty.
- Faculty qualification
- Good rapport with the students.
- Conducive classroom culture.

Weaknesses

- Sanitation.
- Placement & training services.

Feedback from the Under-graduate students

Strengths

- Dedication of faculty towards their duty.
- Faculty qualification
- Commitment, punctuality and class room culture
- Co-Curricular activities
- Science laboratories.

Weaknesses

- Sanitation.
- Industry collaboration
- Alumni support
- Preparatory classes for competitive exams

Feedback from the Post-graduate students

Strengths

- Computer and IT infrastructure
- Effective implementation of syllabus.
- Dedication of faculty towards their duty.
- Faculty qualification
- Punctuality and class room culture

Weaknesses

- Sanitation.
- Industry collaboration
- Alumni support
- Placement services.

Feedback from staff members

- Maximum class sincerity by the students should be ensured by taking strict measures against the absent students.
- Smart class rooms should be introduced for postgraduate classes.
- Faculty welfare club should be formed.
- Number of books to be issued from library to faculty members should be increased.
- Condition of washrooms and staff canteen should be improved.
- Use of mobile phone by faculty members should be prohibited while taking classes.
- Duty leaves should be increased from one to two days for professional development of teachers.
- Internet facility should be provided to all the departments.

Annexure - VI

Details of International/National/State level Conferences / Seminars / Workshops in which faculty members participated / presented papers:

(a) International:

Dr. Khushvinder Kumar (Principal)

- (i) **Theme:** World Punjabi Conference (Chaired the session)

Place: Brompton

Dates: 23-25 June, 2017

Dr. Gurdeep Singh (Punjabi)

- (i) **Theme:** 6th World Punjabi Conference (Participated)

Place: Punjabi University, Patiala (Punjabi Literary Study Centre)

Dates: 7-9 Dec., 2016

- (ii) **Theme:** 13th International Punjabi Development Council (Participated)

Place: Punjabi Language Development Department, Punjabi University, Patiala

Dates: 17-19, January, 2017

Dr. Rajeev Sharma (Chemistry)

- (i) **Theme:** 'International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17)' (Chaired the Session)

Place: National Institute of Technical Teachers Training and Research, Chandigarh

Dates: 29 January, 2017

- (ii) **Theme:** '2 days International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17)' (Chaired the Session)

Place: Devi Samaj College for Women, Ferozepur City

Dates: 18-19 March, 2017

- (iii) **Theme:** 'Study of Anti-Bacterial Activity of Buds of Syzygium Aromaticum' in International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17)

Place: Shri Guru Teg Bahadur Khalsa College, Anandpur Sahib

Dates: 8 January, 2017

- (iv) **Theme:** 'Antibacterial Activity of Seeds of Nigella Sativa (Kaloji) by Agar well Diffusion Method' in International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17).

Place: Shri Guru Teg Bahadur Khalsa College, Anandpur Sahib

Dates: 8 January, 2017

- (v) **Theme:** 'Biofuels – A need for better future' in International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17)

Place: National Institute of Technical Teachers Training and Research, Chandigarh

Dates: 29 January, 2017

- (vi) **Theme:** 'Analytical Determination of Flouride in Ground Water : A Review' in International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17)

Place: National Institute of Technical Teachers Training and Research, Chandigarh

Dates: 29 January, 2017

- (vii) **Theme:** 'Study of Antibacterial Activity of the seeds of *Psoralea corylifolia*' in International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17)

Place: Devi Samaj College for Women, Ferozepur City

Dates: 18-19 March, 2017

- (viii) **Theme:** 'Profile of Repeat Donors in a Tertiary Care Hospital of North India' in 7th International Conference on Recent Development in Engineering, Science, Humanities and Management (ESHM-17)

Place: National Institute of Technical Teachers Training and Research, Chandigarh

Dates: 3 June, 2017

Dr. Manjit Kaur (Punjabi)

- (i) **Theme:** International seminar

Place: DES-MDRC Panjab University Chandigarh

Dates: 11 March, 2017

Dr. Neeraj Goyal (Management)

- (i) **Theme:** 'e-Governance – Powerful Tool for Controlling Corruption' at conference 'Reforms in 21st Century: Development and Prospects'.

Place: Punjabi University, Patiala

Date: October 10, 2016

Dr. Ajit Kumar (Computer Science)

- (i) **Theme:** 'A Study of the Integrated Approach of Artificial Intelligence and Software Engineering' in 13th National Conference on 'Management, Information Technology and Engineering (GJ-NatConMITE 2016)'.

Place: Gian Jyoti Institute of Management & Technology

Date: 23 July, 2016

- (ii) **Theme:** 'Role of IT in Management & Engineering: Issues & Prospectus (RITME-2016)' as Chairperson, Sponsored by Dept. Of Science & Technology, Govt. of India

Place: Malout Institute of Management & Information Technology

Date: 27 Aug., 2016

Prof. Harmohan Sharma (Computer Science)

- (i) **Theme:** 'A Character Image Classification Technique for Collecting Training Data for very Large Classes' at International Conference on Recent Advancement in Computer and Communication.

Place: Organised by Technocrats Institute of Technology and iMPLab Research & Innovation Foundation, Bhopal

Date: 26-27 May, 2017

Prof. Sumeet Kumar (Computer Science)

- (i) **Theme:** 'I.T Tools in e-Governance' in the conference 'Reforms in 21st Century'

Place: Department of Public Administration, Punjabi University, Patiala

Date: 10 Oct., 2016.

Prof. Rohit Sachdeva (Computer Science)

- (i) **Theme:** 'e-Governance Tool for Empowering Weaker Sections' in the conference 'Reforms in the 21st Century: Development & Prospects'.

Place: Punjabi University, Patiala

Date: 10 Oct., 2016

Dr. Varun Jain (Mathematics)

- (i) **Theme:** 'Geometry of Lightlike submanifolds of Indefinite Trans-sasakian Manifolds' in International Conference on 'Differential Geometry, Algebra and Analysis'.

Place: Dept. of Mathematics, Jamia Millia Islamia, New Delhi-110025

Dates: 15-17 November, 2016

Dr. Bhanavi Wadhawan (Zoology)

- (i) **Theme:** 'Pesticide Usage in Agriculture: Asset or Liability' at *2 Day International Conference on Recent Innovations in Engineering, Science, Humanities, Management*

Place: Dev Samaj College for Women, Ferozepur

Dates: March 18-19, 2017

National:

Dr. Khushvinder Kumar (Principal)

- (i) **Theme:** 'Mathematics and Logic' (Resource Person)
Place: DST Inspire Programme at ISF College of Pharmacy, Moga
Date: 8 Aug., 2016
- (ii) **Theme:** 'Mixed Method Research' at seminar on Quality Concerns in Research (Resource Person)
Place: GHG Khalsa College of Education, Gurushar Sadhar
Date: 19 Nov., 2016
- (iii) **Theme:** 'Structure of Mathematics' (Resource Person)
Place: DST Inspire Programme at ISF College of Pharmacy, Moga
Date: 22 Nov., 2016
- (iv) **Theme:** 'Model Based Lesson Plan' (Resource Person)
Place: GHG Harparkash College of Education for Women Sidhwan Khurd
Date: 28 Nov., 2016
- (v) **Theme:** 'Skill of Questioning' (Resource Person)
Place: 113th OC at UGC-HRDC, Panjab University Chandigarh
Date: 15 Dec., 2016
- (vi) **Theme:** 'Mathematics and Logic' (Resource Person)
Place: DST Inspire Programme at GHG Khalsa College Sadhar
Date: 27 Dec., 2016
- (vii) **Theme:** 7 Day FPD (Value, Vision, Skills) (Key Note Address)
Place: Ramgarhia College of Education, Phagwara
Date: 24 January, 2017
- (viii) **Theme:** CTE Conference Higher Education Issues and Importance (Chaired the session)
Place: Bhai Gurdass College of Education, Sangrur
Date: 25 February, 2017

(ix) Theme: Skill Development in Higher Education (Theme Paper)

Place: International Divine College of Education, Ratwara

Date: 19 March, 2017

(x) Theme: 17th CTE Annual State Conference (Chaired the session)

Place: GHGH College of Education, Sidhwan

Date: 31 March, 2017

Prof. Neena Sareen (Commerce)

(i) Theme: Impact of Demonetization on Real Estate

Place: DHE sponsored National Seminar on Digital India at DAV College, Pehowa

Date: 18 March, 2017

(ii) Theme: Digital India (Acted as Chairperson in Technical Session)

Place: DHE sponsored National Seminar on Digital India at DAV College, Pehowa

Date: 18 March, 2017

Dr. Ashwani Sharma (Botany)

(i) Theme: 'Modern Technique in Sciences' (10 Day Workshop) (Participated)

Place: M M Modi College, Patiala

Dates: 11-20 July, 2016

(ii) Theme: Workshop 'Research as Pedagogy a Science Teacher Education program (RAP – a step) for teachers of undergraduate science courses' (Participated)

Place: Centre of Excellence for Science and Mathematics Education of IISER Pune at PU, Patiala

Date: 29 Sept. – 1 Oct., 2016

(iii) Theme: 'Role of Hypoxylon in Wood degradation of economic Important trees' in 2nd the National Symposium on Emerging Trends in Biological Sciences.

Place: M M Modi College, Patiala

Dates: 12 Nov., 2016

(iv) Theme: 'Taxonomic notes on some species of Nectric from Eastern Himalayas' in 2nd National Symposium on Emerging Trends in Biological Sciences.

Place: M M Modi College, Patiala

Dates: 12 Nov., 2016

(v) Theme: 'Electronic Waste and its effect on Environment' at national seminar on 'Global Environment Changes, Health and Society'.

Place: PG Dept of Political Science and Sociology, Dayanand College, Ajmer (Rajasthan).

Dates: 10 Dec., 2016

Dr. Rajeev Sharma (Chemistry)

(i) Theme: 'Human Rights of People Living with HIV/AIDS' at National Seminar on Human Rights: Implementation and Challenges.

Place: Govt. College, Khetri, Rajasthan

Date: 5-6 Sept., 2016

(ii) Theme: '3-substituted formazans for Spectrophotometric Determination of Zinc in Biological Samples' at National Symposium on 'Emerging Trends in Biological Sciences'.

Place: M M Modi College, Patiala

Date: 12 Nov., 2016

- (iii) **Theme:** 'Environment Pollution and Health' at National Conference on 'Global Environment Changes Health and Society' (Resource Person)

Place: Dayanand College, Ajmer

Date: 9 Dec., 2016

- (iv) **Theme:** 'Chemistry of Formazens' at 9th National Seminar on New Paradigm in Chemical Sciences: Synthetic and Analytical Perspectives – 2017

Place: Department of Chemistry, Punjabi University, Patiala

Date: 9-10 Feb., 2017

- (v) **Theme:** 'Legal Aid Awareness Campaign' at Legal Literacy in Indian Perspective

Place: SA Jain College, Amabala City

Date: 17th Feb., 2017

- (vi) **Theme:** 'Clean India by 2019 – A long Journey' at National Seminar on Swachh Bharat Abhiyan

Place: SA Jain College, Amabala City

Dates: 20 Feb., 2017

- (vii) **Theme:** 'Formazans and their metal chelates' at National Seminar on Innovative Practices in Chemistry

Place: SA Jain College, Amabala City

Date: 23rd Feb. 2017

Mrs. Jagdeep Kaur (Geography)

- (i) **Theme:** 'Global Warming: Causes and Impact on India' at Seminar on 'Global Environmental Changes Health and Society (in Absentia)'

Place: PG Dept. of 'Political Science and Sociology', Dayanand College, Ajmer

Date: 10 Dec., 2016

Dr. Manjit Kaur (Punjabi)

- (i) **Theme:** 'Representation of Women in Punjabi folk literature' in National conference
(Keynote address)

Place: Hindu Kanya Vidyalia Dhaliwal

Date: 24 March, 2017

Dr. Neeraj Goyal (Business Management)

- (i) **Theme:** 'ICT Tolls for Diet Management' at conference 'Emerging Trends in Biological Sciences'.

Place: M M Modi College, Patiala

Date: Nov. 12, 2016

- (ii) **Theme:** 'Management Strategies in Implementing Swachh Bharat Abhiyaan'

Place: SA Jain College, Ambala City

Dates: Feb. 20, 2017

(iii) Theme: ' National Seminar on Computerized Accounting (Resource Person)

Place: Shahzada Nand College, Amritsar.

Date: March 24, 2017

Prof. Harmohan Sharma (Computer Science)

(i) Theme: 'Indian Music : A Supplement to Yoga' at National Conference on Transformation in Music and Music Education: A Multifaceted Analysis

Place: Guru Nanak College, Budhlada.

Date: 09 April, 2017

Mr. Sumeet Kumar (Computer Science)

(i) Theme: One day National Seminar on 'Contemporary Issues in Education' by Panchand Research Institute, Chandigarh (Participated).

Place: Golden Jubilee Hall, Panjab University, Chandigarh

Date: 10 July, 2016

(ii) Theme: 'ICT Tools for Diet Management' at seminar on 'Emerging Trends in Biological Science'

Place: M M Modi College, Patiala

Date: 12 Nov., 2016

(iii) Theme: 'Role of Media in Legal Literacy Campaign' at Legal Literacy in Indian Perspective

Place: S. A. Jain (PG) College, Ambala

Date: 17 February, 2017

(iv) Theme: 'Role of ICT in Swachh Bharat Abhiyan' at Swachh Bharat Abhiyan

Place: S. A. Jain (PG) College, Ambala

Dates: 20 February, 2017

(v) Theme: Emerging Trends in Engineering & Technology

Place: Sant Baba Bhag Singh University, Jalandhar

Date: 21-22 April, 2017

Mr. Rohit Sachdeva (Computer Science)

(i) Theme: National seminar on 'Contemporary Issues in Education' (Participated).

Place: Panjab University, Chandigarh

Date: July 10, 2016

(ii) Theme: 'ICT Tools for Diet Management' at National Symposium on 'Emerging Trends in Biological Sciences'.

Place: Multani Mal Modi College, Patiala

Date: 12 November, 2016

(iii) Theme: 'Role of ICT in Spreading Legal Awareness' at Legal Literacy in Indian Perspective Conference

Place: S. A. Jain (PG) College, Ambala City

Date: 17-February -2017

(iv) Theme: 'Role of ICT in Cleanliness Drive' at Swachh Bharat Abhiyan Conference

Place: S. A. Jain (PG) College, Ambala City

Date: 20 February, 2017

(v) Theme: 'Punjabi Sign Recognition and Education System for Differently-able Persons' at Emerging Trends in Engineering and Technology Conference

Place: Sant Baba Bhag Singh University, Jalandhar

Dates: 21-22 April, 2017

Prof. Poonam Sharma (Computer Science)

Theme: 'A study of the integrated approach of Artificial Intelligence and Software Engineering' at '13th National Conference on Management, Information Technology and Engineering' (GJ-NatConMITE 2016) (in Absentia)

Place: GJIMT, Mohali

Date: 23 July, 2016

Dr. Sanjay Kumar (Chemistry)

(i) Theme: 'Synthesis of Hybrid Composites for the Selective Adsorption/Separation of Contaminants' at New Paradigm in Chemical Sciences: Synthetic and Analytical Perspective – 2017

Place: Department of Chemistry, Punjabi University, Patiala

Dates: 09-10 Feb., 2017

(ii) Theme: 'Synthesis of metal organic framework for the selective adsorption and separation of dyes' at National Conference on 'Clean & Green Energy: The Chemical & Environmental Aspects'.

Place: Department of Chemistry, Bhaskaracharya College of Applied Sciences, University of Delhi

Dates: 16-17 Feb., 2017

Dr. Kuldeep Kumar (Biotechnology)

Theme: 'Development of Plant based Asparagine Biosensor' at 'Emerging Trends of Biotechnology: A paradigm shift towards cleaner and greener India' sponsored by UGC.

Place: Department of Biotechnology, General Shivdev Singh Dewan Gurbachan Singh Khalsa College, Patiala 147004, Punjab (India)

Date: 8 Oct., 2016

Dr. Deepika Singla (Commerce)

(i) Theme: 'One Day National Seminar for development and Role of Teachers'

Place: Bhartiya Shiksha Mandal in Collaboration with GSSDGS Khalsa College, Patiala

Date: 16 July, 2017

Dr. Varun Jain (Mathematics)

(i) Theme: National seminar on 'Contemporary issues in Education' (Participated).

Place: Golden Jubilee Hall, Punjab University, Chandigarh

Date: 10 July, 2016

(ii) Theme: 'Mathematical Modeling for controlling Environmental Pollution' at '2nd National Symposium on Emerging Trends in Biological Sciences'.

Place: M M Modi College, Patiala

Date: 12 Nov., 2016

Dr. Bhanvi Wadhawan (Zoology):

- (i) **Theme:** 2nd National Symposium on Emerging Trends in Biological Sciences (Participated).
Place: Multani Mal Modi College, Patiala
Dates: 12 Nov., 2016
- (ii) **Theme:** 'Larval and Pupal tissues of Blowfly *Chrysomya megacephala* (Fab.) as alternate matrices for determination of Endosulfan levels in rat carcasses' at 2nd National Symposium on Emerging Trends in Biological Sciences (NSETB, 2016).
Place: Multani Mal Modi College, Patiala
Date: 12 Nov., 2016

Dr. Santosh Bala (Botany):

- (i) **Theme:** Workshop on 'Modern Techniques in Sciences' (Participated).
Place: Dept. of Biological Science, M M Modi College, Patiala
Dates: 11-20 July, 2016
- (ii) **Theme:** 'Chromosomal database of Gamopetalae of district Kangra (H.P.)' at National conference on Basic and Applied Researches in Plants and Microbes.
Place: Department of Botany, Punjabi University, Patiala-147002, India
Dates: 3-5 Nov., 2016.
- (iii) **Theme:** 'New Chromosome reports in Gamopetalae of District Kangra (H.P.)' at 2nd National Symposium on Emerging Trends in Biological Sciences.
Place: Dept. of Biological Sciences, Multani Mal Modi College, Patiala-147001, India
Dates: 12 Nov., 2016

Regional:

Prof. Poonam Malhotra, Prof. Baljinder Kaur, Prof. Shailendra Kaur, Prof. Vaneet Kaur, Prof. Cheena Chawla (English)

Theme: 10 day workshop on 'English Language and Pronunciation' (Participated).
Place: M M Modi College, Patiala
Dates: 1-10 Aug., 2016

Dr. Rajeev Sharma (Chemistry)

- (i) **Theme:** Inter-College 7 Day NSS Camp under special Campaign programme organized by Punjabi University, Patiala (Acted as Resource Person)
Place: Mata Gujri College, Fatehgarh Sahib
Dates: 5-11 January, 2017
- (ii) **Theme:** Seminar on Examination Pressure and Counselling (Acted as Resource Person)
Place: Dainik Jagran Office, Patiala
Dates: 22 February, 2017
- (iii) **Theme:** Seminar on Drug Abuse (Acted as Resource Person)
Place: Public College, Samana
Dates: 28 February, 2017

Dr. Neeraj Goyal (Business Management)

- (i) **Theme:** Two week skill development course on Event/Project Management (Acted as Resource Person).

Place: NIS, Patiala

Dates: 11-23 May, 2017

Prof. Harmohan Sharma (Computer Science)

- (i) **Theme:** Voluntary Blood Donation conducted by Department of Immunology and Blood Transfusion, Govt Medical College, Patiala in association with Punjab State AIDS Control Society Chandigarh and Punjab State Blood Transfusion Council

Place: Department of Immunology and Blood Transfusion, Govt Medical College, Patiala

Date: 25 February, 2017

Prof. Sumeet Kumar (Computer Science)

- (i) **Theme:** Higher Education for Development and Role of Teachers (Chairperson for Technical Session-IV)

Place: Khalsa College, Patiala

Date: 2017

- (ii) **Theme:** Computer Based Accountancy

Place: Shahzada Nand College, Amritsar

Date: 2017

Dr. Davinder Singh (Punjabi)

- (i) **Theme:** 'Novelkaar Balwant Gargi di Katha Drishti' at 'Balwant Gargi Da Sahit Jagat' National Conference

Place: Dept of Punjabi, Kurukshetra University, Kurukshetra

Date: 26 October, 2017

Dr. Bhanvi Wadhawan (Zoology):

- (i) **Theme:** 10-day Workshop on 'Modern Techniques in Sciences' (Resource Person)

Place: Faculty of Biological Sciences, M M Modi College, Patiala

Dates: 11-20 July, 2016

- (ii) **Theme:** 2nd Annual Workshop on Modern Techniques in Biological Sciences (Resource Person)

Place: Faculty of Biological Sciences at Multani Mal Modi College, Patiala

Date: 21-28 July, 2017

Annexure - VII

The following members of the faculty performed their duties as members of the Board of Studies/Faculty of the Punjabi University, Patiala.

S. No.	Name	Faculty for Board of studies
1.	Dr. Khushvinder Kumar	Member, Board of Studies in Education, Chitkara University, Rajpura
2.	Prof Baljinder Kaur	Member, Faculty of Languages, Punjabi University, Patiala
3.	Prof Jasvir Kaur	Undergraduate Board of Studies in Geography
4.	Dr. Gurdeep Singh	Member, Board of Studies (Undergraduate), Punjabi University, Patiala
5.	Prof Neena Sareen	Undergraduate Board of Studies in Commerce and Faculty of Business Studies
6.	Dr. Ashwani Sharma	Undergraduate Board of Studies in Life Sciences
7.	Dr. Rajeev Sharma	Member, Board of Studies, Punjabi University, Patiala
8.	Prof. (Mrs.) Jagdeep Kaur	Member of Board of Physical Sciences and Member, Post Graduate Studies for Geography
9.	Dr. Manjit Kaur	Board of Studies in Punjabi
10.	Dr. Neeraj Goyal	Board of Studies in Business Studies
11.	Prof. Vinay Garg	Member Board of Studies (Undergraduate) Computer Science
12.	Sh. Nishan Singh	Member of 32 Punjabi University Sports Committees for selection of Inter-University Teams
13.	Dr. Deepika Singla	Member of Faculty of Business Studies
14.	Dr. Bhanavi Wadhawan	Member of Board of Studies (Undergraduate), Punjabi University, Patiala for Zoology, Environmental Sciences and Fisheries Science.

Annexure VIII

Faculty development programme/Orientation programme/Refresher course attended by faculty

(i) UGC Sponsored 7-day Faculty Development Programme on Academic Writing

Main Speakers:

1. Prof. Rakesh Mohan Sharma, Additional Dean Research, Punjabi University, Patiala
2. Dr Jaspreet Mander, Head, Department of English, Punjabi University, Patiala
3. Dr Jayanti Dutta, Deputy Director, HR Centre, Panjab University, Chandigarh
4. Prof Ashwani Bhalla, SCD Govt College, Ludhiana
5. Prof DP Singh, Prof. and Head, Department of Social Works, Punjabi University, Patiala

Date: 9-16 January, 2017 (All the teachers of the college participated in this FDP).

(ii) UGC Sponsored 3-day Faculty Development Programme on Academic Writing

Main Speakers:

Resource Persons: (a) Dr. Jayanti Dutta, Deputy Director, UGC-HRDC, Panjab University, Chandigarh talked in detail on the topic 'Classroom Management'.

(b) Prof Ashwani Bhalla, SCD Govt College, Ludhiana, spoke about the 'Choice Based Credit System'

(c) Prof. Sunil Dutt, Prof & Head Department of Education Management, National University of Technical Teacher Training and Research, Chandigarh talked about the 'Instructional Strategy'.

Date: 13-15 July, 2016 (All the teachers of the college participated in this FDP).

(iii) **Prof. Sumeet Kumar (Computer Science) attended Refresher course** in ICT from 19-11-2016 to 10-12-2016 at B.P.S Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat.

(iv) **Prof. Rohit Sachdeva (Computer Science) attended Refresher course** in ICT from 19-11-2016 to 10-12-2016 at B.P.S Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat.

(v) **Dr. Varun Jain (Mathematics)** attended 28th Orientation programme organised by UGC-HRD centre, Punjabi University, Patiala from 18th April to 14th May, 2016.

(vi) **Theme:** Classroom Transaction Practices (7 Day Faculty Development Programme)

Resource Persons:

- (i) Dr. Jaspreet Mander, Head, Department of English, Punjabi University, Patiala,
- (ii) Dr. Jayanti Dutta, Deputy Director, HR Centre, Panjab University Chandigarh
- (iii) Prof. Ashwani Bhalla, Professor SCD Govt. College Ludhiana
- (iv) Prof. D. P Singh, Head, Department of Social Work, Punjabi University, Patiala.
- (v) Prof Rakesh Mohan Sharma, Additional Dean Research, Punjabi University, Patiala presided over the Valedictory Function.

Date: 9-16 January, 2017

- (vii) **Dr. Ganesh Kumar Sethi and Prof. Harmohan Sharma (Computer Science) attended Refresher course** in Emerging Issues in Information Technology (ID) - Computer Science from 10.05.2017 to 30.05.2017 at UGC-Human Resource Development Centre, Punjabi University, Patiala.
- (viii) **Prof. Parminder Kaur and Dr. Deepika Singla (Commerce) attended Refresher course** (Summer School) from 22.06.2017 to 12.07.2017 at UGC-Human Resource Development Centre, Punjabi University, Patiala
- (ix) **Dr. Varun Jain (Mathematics) attended Refresher course** in Emerging Issues in Information Technology (ID) - Computer Science from 02.01.2017 to 21.01.2017 at UGC-Human Resource Development Centre, Punjabi University, Patiala.
- (x) **Prof. Chetna Gupta (Mathematics) attended Refresher course** from 25.05.2017 to 21.06.2017 at UGC-Human Resource Development Centre, Punjabi University, Patiala.

Annexure - IX

List of Publications in Journals/Conference proceedings

Dr. Khushvinder Kumar (Principal) got published:

- (i) 'Assessment of Punjabi Language Skills Of PSEB and CBSE School Students', International Multidisciplinary E-journal **June, 2016**, Vol. 5 No. 6, ISSN: 2277-4262.
- (ii) 'Cooperative learning environment of STAD and JIGSAW techniques. A Gateway to Explore knowledge and inter-relations', Education Times, 2017, Vol. 8 No. 1, Page 267-272, ISSN: 2319-8265
- (iii) 'Effect of Concept mapping strategy in Maths on achievement in relation to mathematical anxiety', GHG Journal of Sixth thought, 2017, Vol. 4 No. 1, ISSN: 2348-9936.
- (iv) 'Effect of concept mapping strategy in Maths on Mathematical creativity in relation to mathematical anxiety', Vidyawarta, 2017, Issue 19 Vol.-1, ISSN: 2319-9318.
- (v) Survey of Educational and Administrative problems of Government Sr. Sec. Schools of Punjab State during 2009-14, GHG Journal of Sixth thought, 2017, Vol. 4, No.1, ISSN: 2348-9936.
- (vi) 'Analysis of Administrative initiatives taken regarding Govt. Sr. Sec. Schools of Punjab state during 2009-14', Printing Area Int. Res. Journal, 2017, Issue 31 Vol. 1, ISSN: 2394-5303.

Dr. Rajeev Sharma (Chemistry) to published:

- (i) Nickel Toxicity to Photosynthetic attributes in the leaves of lentil (*Lens culinaris*) Medic. Masar, **June, 2016**, Vol. 6 No. 2, Page 300-302, ISSN: 2394-5869. (co-authored).
- (ii) 'Study of Antibacterial Activity of Buds of *Syzygium Aromaticum*' – International Journal of Advance Research in Science and Engineering, 2017, Vol. 6 No. 1, 2.83, ISSN: 2319-8346.
- (iii) 'Anti-bacterial Activity of seeds of *Nigella Sativa* (Kalonji) by Agar Well Diffusion Method' - International Journal of Advance Research in Science and Engineering, 2017, Vol. 5 No. 1, 2.83, ISSN: 2348-7550.
- (iv) 'Biofuels – A need for better future' – International Journal on Innovative Research in Science and Engineering, 2017, Vol. 3 No. 1, 2.03, ISSN: 2454-9665.
- (v) 'Analytical Determination of Flouride in Ground Water : A Review' – International Journal of Advance Research in Science and Engineering, 2017, Vol. 6 No. 1, ISSN: 2319-8346.
- (vi) 'Study of Antibacterial Activity of the seeds of *Psoralea corylifolia*' – International Journal on Innovative Research in Science and Engineering, 2017, Vol. 3 No. 3, 2.03, ISSN: 2454-9665.
- (vii) 'Profile of Repeat Donors in a Tertiary Care Hospital of North India' – International Journal of Advance Research in Science and Engineering, 2017, Vol. 6 No. 1, 2.83, ISSN: 2319-8346.
- (viii) 'Removal of Flouride from Ground water using pineapple peels as biosorbent' – IJETSR, 2017, Vol. 4 No. 12, ISSN: 2394-3336.

Dr. Neeraj Goyal got published 'Environmental Reporting Practices among Indian Companies' in PCMA Journal of Business, June-Dec. 2017, Vol. 10 Issues 2, Page No. 114-121, ISSN: 0974-9977, Sr. No. in UGC List: 43206.

Dr. Ajit Kumar (Computer Science) got published:

- (i) Thresholding Techniques for Ancient Document Images in International Journal of Advanced Research in Computer Engineering & Technology, Sept. 2016, Vol. 5 Issue 9, Page 2345-2350, ISSN: 2278-1323 (Online) (co-authored).
- (ii) Challenges in Building Dogri-Hindi Statistical MT System in Research Cell: International Journal of Engineering Sciences, 2017, Vol. 24 Issue 1, Page 20-25, ISSN: 2320-0332, Sr. No. in UGC List: 63019.

Prof. Ganesh Kumar Sethi (Computer Science) got published 'Aks: A Database for Detection and Extraction of Devanagari Text in Camera Based Images' in 'International Journal of Computer Trends and Technology', **September 2016, Vol. 39 Number 1, Page 32-39, ISSN: 2231-2803.**

Prof. Harmohan Sharma (Computer Science) got published 'State of the art in Nastaleeq Script Recognition' in 'International Journal of Computer Trends and Technology', Sept. 2016, Vol. 39 Number 1, Page 40-46, ISSN: 2231-2803.

Dr. Sumeet Kumar got published:

- (i) 'Comparative Analysis for Gurmukhi and Devnagari Script at World level' in 'International Journal of Engg. Tech and Computer Research', 2017, Vol. 5, Page 49-54, I.F. 4.06, ISSN: 2348-2117, Sr. No. in UGC List: 8180.
- (ii) 'A study for searching an image through content features' in International Journal of Advance Research in Computer Science, 2017, Vol. 8, Page 166-169, I.F. GIF: 7.234, ISSN: 0976-5697, Sr. No. in UGC List: 2503.

Dr. Sanjay Kumar (Chemistry) got his paper published on 'Partially Interpenetrated NbO Topology Metal–Organic Framework Exhibiting Selective Gas Adsorption, Gaurav Verma, **Sanjay Kumar**,* Tony Pham, Zheng Niu, Lukasz Wojtas, Jason A. Perman, Yu-Sheng Chen, Shengqian Ma, DOI: 10.1021/acs.cgd.7b00198' in *Crystal Growth & Design*, Year 2017, Vol. 17, Page 2711-2717, I.F. 4.425, ISSN: 1528-7483 (Print) 1528-7505 (web), Sr. No. in UGC List: 14076.

Dr. Kuldeep Kumar (Biotechnology) got following papers published (co-authored):

- (i) 'Kaur Jagjit, Kumar Raman and Kumar Kuldeep Comparative characterization of L-asparaginase extracted from plant and microbial sources.' in 'International Journal of Research in Ayurveda and Pharmacy', 2017, Vol. 8(5), pp. 86-89, I.F. 0.14, ISSN: 2229-3566, Sr. No. UGC List: 23464.
- (ii) 'Apoorva Singh, Neelam Verma and Kuldeep Kumar SCREENING AND IDENTIFICATION OF MEDICINAL PLANTS FOR L-ASPARAGINASE PRODUCTION' in International Journal of Recent Scientific Research, 2017, Vol. 8(11), page no. 22029-22034, I.F. 5.52, ISSN: 0976-3031.

Dr. Deepika Singla (Commerce) got published 'Impact of MLM Product Attributes on customer perception while purchasing the products' in PIMT Journal of Research Vol-9, No. 2 Jan-June, **2017** Page 2, ISSN: 02278-7295

Dr. Varun Jain (Mathematics) got published 'Some characterization theorem on holomorphic sectional curvature of GCR-lightlike submanifolds' in International Journal of Geometric Methods in Modern Physics, 2017, Vol. 14 (3) 1750034, ISSN: Print ISSN: 0219-8878 Online ISSN: 1793-6977, Sr. No. in UGC List: 22833.

Dr. Davinder Singh (Punjabi) got published his book 'Vishvikaran De Parsang Vich Kulwant Gill Diyan Kahaniyan' by Saptrishi Publications Chandigarh, with ISBN 978-93-86318-57-2.

Dr. Santosh Bala (Botany) got published following papers:

- (i) 'New Chromosome reports in Lamiaceae of Kashmir (Northwest Himalaya) India' in Protoplasma Journal, 2017, Vol-254 (2), Page No. 971-985, I.F. 2.870, ISSN: 1615-6102.
- (ii) 'Cytomorphological variations of new reports of B Chromosomes in the genus plantago from North-west Himalayas' in Flora Journal, 2017, Vol. 234, Page No. 69-76, I.F. 1.125, ISSN: 0367-2530.

Dr. Rupinder Sharma (Hindi) got following paper in journals:

- (i) 'Hindi Upanayas: Anchalik Sanrachna aur Jivan Drishti' in Journal Anusandhan (Traimasik Anusandhan Patrika), Oct. – Dec. 2016, Page 7-14, ISSN: 0975-805X.
- (ii) 'Upnyasik Kala aur Jivan Drishti : Ant Sambandhon ki khoj' in Parishodh, Year 2017, Vol. 61, ISSN: 2347-6648.

Prof. Harneet Singh (Physical Education) got his paper published on 'Relationship between selected specific Physical Fitness variables and playing ability of the college level Kabbadi Players' in IJRRIS, Year 2017, Vol. 4, Page No. 8-15, ISSN: 2454-2237.

Dr. Harjinder Singh (Chemistry) got published following papers:

- (i) 'A combined experimental and theoretical approach for structural, spectroscopic, NLO, NBO, thermal and photophysical studies of new fluorescent 5-amino-1-(7-chloroquinolin-4-yl)-1H-1,2,3-triazole-4-carbonitrile using density functional theory' in Journal of Molecular Structure, 2017, Vol-1147(5), Page No. 725-734, I.F. 1.753, ISSN: 0022-2860, Sr. No. in UGC List: 24702.
- (ii) 'Recyclable zinc (II) ionic liquid catalyzed synthesis of azides by direct azidation of alcohols using trimethylsilylazide at room temperature' in Tetrahedron Letters Journal, 2017, Vol. 58(25), Page No. 2498-2502, I.F. 2.193, ISSN: 0040-4039, Sr. No. in UGC List: 24237.

Annexure - X

List of books/book chapters published

Dr. Khushvinder Kumar, Prinipal

Sr. No.	Book Title	Publisher	ISBN
1.	Got published book 'Naal Mere Koi Challe'	Chetna Parkashan	935112252-2.

Prof. Neena Sareen (Commerce)

1.	Management Accounting-I	R. D. Publications	978-93-84594-10-7
2.	Management Accounting-II	R. D. Publications	978-81-924543-8-7

Dr. Rajeev Sharma (Chemistry)

1.	'Physical Chemistry Volume-II' (Co-authored)	R. D. Publications	93-5181-213-8
2.	'Chemistry of Cosmetics, Fuels and Perfumes' (Co-authored)	R. D. Publications	
3.	Drug Abuse Problem (Co-authored)	R. D. Publications	93-84594-61-X
4.	'Drug Abuse Prevention and Management (Co-authored)	R. D. Publications	93-84594-56-3
5.	'Drug Abuse. Problem, Prevention and Management (Co-authored)	R. D. Publications	93-84594-73-3

Dr. Neeraj Goyal (Management)

S.No.	Title	Publisher	ISBN
1.	'Indirect Tax (GST and Custom)	Kalyani Publishers	978-93-272-8170-5

Dr. Rohit Sachdeva (Computer Science)

S.No.	Title	Publisher	ISBN
1.	Tally With GST Applications	Kalyani Publisher	978-93-272-8651-9

Dr. Kuldeep Kumar (Biotechnology)**Book Chapters**

S.No	Chapter	Book	Publisher	ISBN
1.	Role of PGRs in anticancer alkaloids (vincristine & vinblastine) production (309-319) (Co-authored)	Eds. <i>Catharanthus roseus</i> - Current Research and Future	Springer Publishers	978-3-319-51620-2
2.	Need for the advanced technologies for wastewater treatment (39-52) (Co-authored)	Advances in Environmental Biotechnology	Springer Publishers	978-981-10-4041-2
3.	Application of nanotechnology in the environment biotechnology (155-165) (Co-authored)	Eds. Advances in Environmental Biotechnology'	Springer Publishers	978-981-10-4041-2

Prof. Parminder Kaur (Commerce)

S.No.	Title	Publisher	ISBN
1.	'Basics of Goods and Services Tax Act – 2017 and Custom Act 1962 (Co-authored)	R.D. Publications, Jalandhar	93-84594-64-4

Dr. Deepika Singla (Commerce)

S.No.	Title	Publisher	ISBN
1.	Financial Accounting – II	R.D. Publications, Jalandhar	987-93-84594-69
2.	Computerized Financial Accounting	R.D. Publications, Jalandhar	93-84594-05-9

Annexure – XI

CONFERENCES/SEMINAR/WORKSHOP ORGANIZED BY INSTITUTION

Ten Day Workshop on Lippan Kaam of Gujarat

Department of Fashion Design and Technology, M M Modi College, Patiala has organized a 10 day workshop on Lippan Kaam – Traditional Mural Art from Kutchh, Gujarat from June 13-22, 2016. The workshop was inaugurated by Principal Dr. Khushvinder Kumar. The students of BSc and MSc Fashion Designing got an opportunity to work under the guidance of Prof. Veenu Jain and Prof. Jaspreet Kaur and understand the intricacies of this art form.

Ten-Day Workshop on Modern Techniques in Science

Ten-day workshop on Modern Techniques in Science was organized by the department of Biological Sciences from July 11-20, 2016. The valedictory session of the workshop was held on 20th July, 2016 where students were awarded certificates of participation. Principal, Dr. Khushvinder Kumar and Dean, Biological Sciences, Dr. Ashwani K. Sharma addressed the students and congratulated the faculty of Biological Sciences for their tireless efforts.

Ten-Day workshop on 'English Language and Pronunciation'

A ten day workshop was organised from Aug. 1 to 10, 2016 by the dept. of English at M M Modi College, Patiala. The topic of the workshop was 'English Language and Pronunciation'. Around fifty students of B.A.-I literature participated in it. The main motive of the workshop was to enhance and polish the communication skills of the students. The workshop concluded with the address of Principal Dr. Khushvinder Kumar.

Inter-Institutional Science Fair

An inter-institutional science fair on the theme 'Science and Society' was organized on October 15, 2016. A competition was held for Static Models, Working Models and Poster Presentation on the theme 'Science for better future'. The chief guest of the Fair was Chief Guest Dr. Manoj Kumar Sharma, Head, School of Physics and Material Science, Thapar University, Patiala. More than 402 students from 18 schools and 9 colleges participated with their models and posters in the fair. Competitions of static models, working models and poster presentations were held during the fair.

Seven Day Workshop on Web Technologies

A seven day workshop on Web Technologies was organized by the PG Dept. of Computer Science of Multani Mal Modi College, Patiala from October 14-20, 2016. Sr. Programmer Ms. Nancy from Brill Infosystems Pvt. Ltd. Mohali conducted the workshop. During the seven day workshop the participants learned the required skills and tools for web-development widely used in the industry. Dr. Vishal Goyal, Associate Professor, Dept. of Computer Science, Punjabi University, Patiala presided over the valedictory session of the workshop and distributed certificates to participants.

2nd National Symposium on Emerging trends in Biological Sciences

2nd National Symposium on Emerging Trends in Biological Sciences (NSETB-2016) was organized at Multani Mal Modi College, Patiala on November 12, 2016. Dr. R. C. Sobti, Vice

Chancellor, Babasaheb Bhimrao Ambedkar, Central University, Lucknow was the chief guest of the symposium. Dr. Anil Kumar Puniya, Dean, College of Dairy Science & Technology, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana talked about the role of microbes in all living beings. Three eminent scientists, Dr. Neeraj Dilbaghi, Professor in the Department of Bio & Nano Technology, Guru Jambheshwar University of Science & Technology, Hisar, Prof. (Dr.) G.K.Kochar, Central University of Haryana, Mahendergarh and Dr. Naveen Gupta, Assistant Professor, Department of Microbiology, Panjab University, Chandigarh were present for Invited Talks. Dr. M.S. Reddy, Dean Research, Thapar University, Patiala was the Chief Guest at the time of Valedictory session and Prof. Surindra Lal, Member, Modi Educational Society, was the Guest of Honour.

One-Day workshop on Intellectual Property Rights organized

College organized One-Day workshop on Intellectual Property Rights in collaboration with Consortium of Women Entrepreneurs of India (CWEI) on January 24, 2017. Ms. Shashi Singh, Chairperson CWEI, presided over the function. She highlighted the role of CWEI for promoting women entrepreneurs to improve their social status through economic freedom. Mr. Shahood Alam from MSME DI, Ludhiana talked about the financial incentives available to MSME. Dr. S.D. Bhatnagar, Assistant Controller of Patents and Designs, Patent and Trademark Office, New Delhi stressed on the need of getting the innovations patented. Mr. Bharat, President, Patiala Chamber of Commerce and Dr. Balwinder Sooch, Dept. of Biotechnology, Punjabi University, Patiala also shared their experiences with the participants.

Seminar for Free coaching for UPSC, CAT and CA-CPT

A seminar was conducted in Multani Mal Modi College, Patiala on 9.2.2017 to provide information to the students to impart free coaching for the students of SC and OBC categories for the UPSC Civil services-2018, CAT-2017 and CA-CPT examinations. Prof. Ganesh Kumar Sethi, Nodal Officer (Scholarships) informed the students about the benefits of the scheme provided by Ministry of Social Justice and Empowerment, Govt. of India, under which a student along with free coaching and study material, will also get a monthly stipend of 2500/- to be provided by Govt. of India. Mr Hemant Kothekar, 1993 batch IAS officer, explained the syllabi and structure of UPSC and other state civil services examinations along with tips to crack these exams while Mr Manish Sallian from MT Educare, Mumbai guided the students for the CAT and CA-CPT exams.

Annexure - XII

Faculty served as experts, chairpersons or resource persons

Dr. Khushvinder Kumar (Principal)

- (i) **Theme:** 'Mathematics and Logic' (Resource Person)
Place: DST Inspire Programme at ISF College of Pharmacy, Moga
Date: 8 Aug., 2016
- (ii) **Theme:** Policy Perspectives in Higher Education (Resource Person)
Place: Orientation Course at UGC-HRDC Panjab Univ. Chandigarh
Date: 16 Nov., 2016
- (iii) **Theme:** 'Mixed Method Research' at seminar on Quality Concerns in Research (Resource Person)
Place: GHG Khalsa College of Education, Gurusar Sadhar
Date: 19 Nov., 2016
- (iv) **Theme:** 'Structure of Mathematics' (Resource Person)
Place: DST Inspire Programme at ISF College of Pharmacy, Moga
Date: 22 Nov., 2016
- (v) **Theme:** 'Model Based Lesson Plan' (Resource Person)
Place: GHG Harparkash College of Education for Women Sidhwan Khurd
Date: 28 Nov., 2016
- (vi) **Theme:** 'Skill of Questioning' (Resource Person)
Place: 113th OC at UGC-HRDC, Panjab University Chandigarh
Date: 15 Dec., 2016
- (vii) **Theme:** 'Mathematics and Logic' (Resource Person)
Place: DST Inspire Programme at GHG Khalsa College Sadhar
Date: 27 Dec., 2016

Dr. Rajeev Sharma (Chemistry)

- (i) **Theme:** 'Environment Pollution and Health' at National Conference on 'Global Environment Changes Health and Society' (Resource Person)
Place: Dayanand College, Ajmer
Date: 9 Dec., 2016

Dr. Bhanvi Wadhawan (Zoology):

- (i) **Theme:** 10-day Workshop on 'Modern Techniques in Sciences' (Resource Person)
Place: Faculty of Biological Sciences, M M Modi College, Patiala
Dates: 11-20 July, 2016

Annexure-XIII

Sr. No	Name of Faculty	No of Ph.D students enrolled
1	Dr. Khushvinder Kumar	06
2	Dr. Rajeev Sharma	04
3	Dr. Ajit Kumar	03
4	Dr. Sukhdev Singh	04
5	Dr. Sanjay Kumar	01
6	Dr. Kuldeep Kumar	02
7	Dr. Deepika Jindal	04

Annexure – XIV

EXTENSION ACTIVITIES

Two Day Orientation Programme for the Entry Level Students

A Three-Day Orientation Programme was organized on July 18-19, 2016 for the entry level students of the college at the commencement of the new academic session. Dr. Khushvinder Kumar, Principal Welcomed the students and exhorted them to work diligently. Faculty members apprised the students of various curricular and co-curricular activities in the college.

Expert Talk on 'How Green are your Green Vegetables?'

Faculty of biological sciences organized an expert lecture on 'How Green are your Green Vegetables?' on Aug 9, 2016. Dr. Mandeep Singh, Associate Professor from Thapar University, Patiala spoke on the topic.

Expert Talk on Literature, Culture and Social Media

Post Graduate Department of Punjabi and Department of Hindi of M M Modi College, Patiala organized two expert lectures on the topics of 'Literature, Culture and Social Media' (Punjabi) and 'Book-Culture and Society – Present Perspective' (Hindi) on August 13, 2016. Expert speaker in Punjabi, Dr. Rajinder Pal Singh Brar, Professor and Additional Dean (Colleges), Punjabi University, Patiala talked about various aspects of social media. During the question-answer session, students asked probing questions to the speakers and expert speakers answered them to their full satisfaction.

Expert Lecture held on "Birds of Punjab: A Photographic Ode"

General Studies Circle and Faculty of Biological Sciences of M M Modi College, Patiala organized a unique talk titled "Birds of Punjab: A Photographic Ode" to make the students familiar with the birds and their habitats on August 19, 2016. Dr Swaraj Raj, Prof and Head, Deptt of English, SGGSWU, Fatehgarh Sahib was the resource person who showed more than 150 photographs clicked painstakingly by him over the years and explained peculiar characteristics of the birds. During the interactive session, extremely probing questions were raised by the participants and Dr Swaraj Raj answered them in equally articulated manner.

Expert lecture on "SyLOW's Theorem and its applications"

Department of mathematics organized an expert lecture on Algebra. Dr. Shalini Gupta from Department of mathematics, Punjabi University, Patiala spoke on the topic of "SyLOW's Theorem and its applications". During this interactive session, extremely probing questions were raised by the students and Dr. Shalini answered them in equally enunciated manner.

National Fire Safety Day Celebrated

NSS Units of Multani Mal Modi College, Patiala celebrated National Fire Safety Day on 21st Jan. 2017 at the college campus. Principal Dr. Khushvinder Kumar welcomed the guests and spoke about the celebration of National Fire safety Day. S. Jatinder Singh, Fire Officer, Patiala gave a live demonstration of fire extinguishers to the NSS Volunteers and the staff members. Sh. Kaka Ram Verma, renowned Social Worker trained the NSS volunteers for the

first aid to be given to the victims of fire accidents. Sh. Pawan Gupta, Social Worker, demonstrated how to inform the fire brigade department about breakout of fire at a place. NSS Volunteers participated in the demonstration and the event.

Mother Language Day Celebrated

Post Graduate Department of Punjabi, Multani Mal Modi College, Patiala organised special lecture to celebrate Mother Language Day on February 21, 2017. Dr. Gurpal Singh Sandhu, Chairperson, Evening Studies Department, Panjab University, Chandigarh and Shiromani Sahitkaar Darshan Dhir were invited for this event.

National Science Day was celebrated by Biological Society

Biological Society, Multani Mal Modi College, Patiala celebrated Science Day on February 28, 2017 by organizing on the spot poster making and declamation contest on the topics of Drug Abuse; Biodiversity Conservation; Global Climatic Change and Genetically modified organisms. 34 students from the BSc and MSc classes participated in these events.

Expert Talk on Life, Drama and Theatre

A special talk on the topic 'Life, Drama and Theatre: A Dialogue' was held on March 1, 2017. A well known creative artist and learned orator Samuel John shared his valuable experiences with the students.

World Forest Day and Save Water Day celebrated

World Forest Day was celebrated by NCC Army Wing Cadets in Multani Mal Modi College, Patiala on March 22, 2017 under the instructions of Colonel Harjinder Singh, Commanding Officer, 5, Punjab Battalion NCC (Patiala). College Principal Dr. Khushvinder Kumar initiated the tree plantation drive.

Annexure – XV

INSTITUTIONAL SOCIAL RESPONSIBILITY

Two Days Orientation Programme for Entry Level Students

The new academic session of the college commenced by organizing a two-day Orientation-Programme for the entry level students on July 19-20, 2016. The students and said that the students coming from the schools face many difficulties in the new environment of the college. He assured them that various committees have been formed to assist and guide them. Faculty members appraised the students of various curricular and co-curricular activities in the college.

Tree Plantation Drive 'Ek Ped – Ek Zindagi' was organized in the college by Dainik Bhaskar on 28 July, 2016.

Environment Awareness Campaign

NSS volunteers, NCC cadets and the members of Eco-club of M M Modi College here organized an Awareness Campaign on July 30, 2016 to save the environment. The main objective was to create awareness among the students about the depleting condition of natural environment and their role in saving it. The students planted several saplings in the college campus.

Essay Writing Competition

An essay writing competition was organized on the eve of Modi Jayanti on October 18, 2016. Competition was held in English, Punjabi and Hindi category. The competition provided an opportunity to the students to express their views on various topics like Rural Upliftment in India, Indian Education System needs serious reforms, Unemployment and Multinational companies. Three best contributors from each language category were awarded the certificate on the occasion of Annual prize Distribution Function.

Modi Jayanti was celebrated on 21 Oct., 2016 on the occasion of 141th Birth Anniversary of Rai Bahadur Seth Multani Mal Modi. Week-long celebrations, including Essay Writing Contest, Science Fair and Havan Yajna were held.

Sarbat Da Bhala' Charitable Trust Scholarships Award Function

Dr. S.P. Singh Oberoi, Founder of 'Sarbat Da Bhala Trust' handed over a cheque of Rs. 5,59,945/- to the needy and the meritorious students of the college for pursuing their education as their annual scholarships, at a function held in the college on November, 2, 2016.

Addressing the college students, Dr. Oberoi said that the trust is committed to help needy and bright students and to ensure that no such student should be deprived of the benefit of education for want of financial resources.

Placement Cell

Multani Mal Modi College has got a strong and full fledged Career Guidance and Placement Cell which conducts regular placement oriented programs to place the students in the best corporate of India. The cell primarily aims at obtaining the best possible placements to the students and equally makes aware of various career options available to them. The career guidance cell organizes seminars, workshops and guest lecturers to encourage the students to plan their future.

Both national and multinational companies from all over India visited our campus for direct recruitment during the session. The placement cell has been coordinating with other colleges also to provide our students with opportunities of participating in campus activities of other colleges. Our students also participated in the campus recruitment of companies like Deloitte, Infosys, Freelance, ICICI etc. 62 students were selected/ short-listed by these companies during the year till now and many placement drives are in pipeline in coming months.

Annual Prize Distribution Function 2017

The Annual Prize Distribution Function was organized at the college campus on March 24, 2017. The function was presided over by S. Gurpal Singh Chahal, Commissioner, Municipal Corporation, Patiala. The Chief Guest conferred Roll of Honour to 46 students, College Colour to 230 students and Merit certificates to 385 students for their achievement.

Convocation March 2017

An annual convocation dedicated to Women's day was organized in the college campus on March 26, 2017. Dr. Tankeshwar Kumar, Vice Chancellor, Guru Jambheshwar University of Science and Technology, Hisar delivered the convocation address and conferred the degrees to 715 students of faculties of Physical Science, Life Sciences, Commerce, Arts, Business Management and computer science. Dr. Gurnam Singh, Dean Academics, Punjabi University, Patiala was the Guest of Honour.

Punjab State Level 28th National Road Safety Week

A state level function was organized on January 12, 2017 by the college jointly with Patiala District Police Department to celebrate 28th National Road Safety Week. State Transport Commissioner, Dr. Ashwani Kumar IAS, presided over the function. A play, 'Dukhdi Rag Punjab

Di' by Rajvinder Samralla and his troupe, dealing with the social evil of drug abuse was presented on the occasion. Medals were given to those children who helped the police in spreading the traffic awareness among the public.

Biological Society Celebrated National Science Day

National Science Day was celebrated by the Biological Society of the college on February 28, 2017. On the spot poster making and declamation contests were organised to celebrate the occasion. 34 students of B.Sc. and M.Sc. classes took part in the competition.

World Forest Day Celebrated

World Forest Day was celebrated with full enthusiasm in the college on March 21, 2017 by NCC Cadets. A tree plantation drive sponsored by Forest Department, Patiala was organised in which sapling were planted by college principal, staff and NCC Cadets in the college campus.

Nukkad Natak

The NCC (Girls Wing) along with the NCC (Boys Wing) of College organized a Nukkad Natak on the theme 'Swachh Bharat Abhiyaan' on April 12, 2017, in the locality situated behind the College. At the end of the NukkadNatakNCCincharge addressed the residents of the locality and requested them to keep their surroundings clean. The residents also responded positively and promised to keep the area clean.

Annexure XVI

Detail of beneficiary under coaching for minority students

Sr No	Name	Fathers Name	Contact No
1	Gurprit Singh	Amrik Singh	7355302761
2	Gagandeep Singh	Mahinder Singh	8968018118
3	Karanvir Singh	Balvir	8728000848
4	Sandeep Singh	Sukhdev Singh	9988228430
5	Gurvinder Singh	jujhar Singh	9781463485/9814238306/9814238306
6	Komalpreet Kaur	Iqbal Singh	8727943843/8295486002
7	Navdeep Kaur	Avtar Singh	7087050318/9814191918
8	Jatinder Kaur	Gurmez Singh	9914773444/9915955469
9	Harpreet Kaur	Jarnel Singh	9465189373/7696798321
10	Kulwant Singh	Gurmeet Singh	9041800028/9041798216
11	Karamjeet Kaur	S Prakash Singh	8557021405
12	Harwinder Kaur	Darshan Singh	9988847109
13	Arshdeep Singh	Karnel Singh	9988102302
14	Kiranjot Kaur	Mohinderpal Singh	9876628269
15	Amarpreet Kaur	Uttam Singh	8558881512/9872562604
16	Deepinder Kaur	Dalbir Singh	9876647183/9780886889/9653700703
17	Navdeep Kaur	Mohar Singh	9592040727/8872102002
18	Harsimran Kaur	Parvinder singh	8699184744/8699255580
19	Amanpreet Kaur	Taljinder Singh	9041962805/9988645251/7814462805
20	Ramanpreet Kaur	Joga Singh	9041315708/7696391919
21	Navneet Singh	Kavaljeet Singh	9876977374/7815593367/01755001567
22	Samanjot Singh	Kulwant Singh	9915878678/9872378678
23	Harpreet Singh	Balwinder Singh	7837741616/9781269775/9417231924
24	Lovedeep Singh	Sukhsarshan Singh	9569135053/8054808955
25	Gurwinder Singh	Surjit Singh	9815965499
26	Sandeep Singh	Gurmail Singh	8729039531/9915717374
27	Prabhdeep Singh	Sukhvinder Singh	7307980004/9465023800
28	Harjot Kaur	Rattan Singh	9815275867/9417874672
29	Navneet Kaur	Paramjeet Singh	9592390755/8872069075
30	Harmeet Kaur	manmadhan Singh	7814427310/9356115669
31	Anshul Jain	Harish Jain	9780357474/9876220744/01752307561
32	Yoginish Jain	Vimal Jain	9872802398/981483086/01679232086
33	Gurvinder Kaur	Baljit Singh	9815846646/9915552657
34	Gurvinder Singh	Kuljit singh	8198031154/9815043807
35	Warpreet Kaur	Sukhvinder Singh	9115210081/8146060612
36	Priyanka Rani	Amrik Singh	9779058130/7355673734
37	Mohit Singh	Sham Singh	9653878384/9779258416

38	Anu Singla	Rajkumar	9815018809/9815748805/9779273927
39	Amarinder Singh	Ajai Pal Singh	9781011966/01752283251
40	Ravina Rani	Kitaba Singh	9878658201/9815680620/9569077444

Annexure XVII

Achievements in Sports

"You can best teach character on the playing field, using sports to teach life lessons". This dictum is faithfully practiced as the college conducts and organizes sports activities throughout the academic year. Our students participate in all leading tournaments and have the distinction of winning numerous awards, trophies and medals that bear testimony to their exemplary performance. The success of all these events is largely due to the untiring efforts of Dr. Gurdeep Singh, Dean Sports, Mr. Nishan Singh, Mr. Harneet Singh and Ms. Mandeep Kaur. It is a matter of great pride for us that Punjabi University, Patiala and Punjab Sports Department have allotted us sports wings in **32 disciplines namely- Gymnastic (M), Weight Lifting (M), Power Lifting (M), Best Physique (M), Tennis (M), Athletics (M), Archery (M & W), Air Rifle/Pistol Shooting (M & W), Fencing (M), Cycling (M&W), Judo (M&W), Taekwondo (M&W), Boxing (M&W), Wrestling (M), Greco (M), Wusho (M & W), Gatka (M & W), Volleyball (M), Cricket (M), Table Tennis (M), Basketball (M), Kayaking Canoeing (M & W), Tug of War (M).**

International

- (i) Madhu Vedwan brought laurels to the country by winning Gold Medal (Mix) and Gold Medal (Team) in Archery (Recurve) World Ranking Tournament held at Taiwan, China on September 8-14, 2016. She also won Gold Medal (Mix Recurve) in All India Inter-University Archery Championship held at Machilipatnam, A.P. on February 15-17, 2017, Silver Medal (Individual) Recurve and Silver Medal (Mix Recurve) in Junior National Archery Championship held at Sitara, Maharashtra on February 20-25, 2017.
- (ii) Shivjot Gill alias Shivani Gill, an upcoming shooting star of India, won Bronze Medal at World Universities Shooting Championship held in Poland on September 11-19, 2016.
- (iii) Gauravdeep Singh Bhatti established a record in Guinness World Records for "The most Jump Squats in one minute (male) is 60" on 8th March, 2016.
- (iv) Jyotika Dutta participated in Under-23 Asian Fencing Championship held in Tokyo on October 25-30, 2016. She also won Gold Medal in Under-23 Youth National Fencing Championship held at New Delhi from 27-29 Dec. 2016. She also won Silver Medal (Team) at All India Inter-University Fencing (Foil) Championship held at GNDU, Amritsar on January 21-24, 2017. She also won Bronze Medal (Team) at Senior National Fencing Championship held in Raipur on January 11-14, 2017.

- (v) Mayank Markande participated in Under-19 Youth Asian Test Series held in Nagpur on February 13-24, 2017. He also won Gold Medal in Colonel CK Naidu U-23 Trophy held in Patiala from February 28 to March 3, 2017
- (vi) Reyal Puri, a young boxer represented India at Youth World Boxing Championship held in Russia on November 14-28, 2016. He also won Gold Medal at All India Inter-University Boxing Championship held at Lovely Professional University, Jalandhar on January 30 – February 7, 2017.
- (vii) Rajbeer Singh participated in Asian Cycling Championship held at New Delhi on February 6-10, 2017. He also won Gold Medal Individual Pursuit at All India Inter-University Cycling Championship held at GNDU, Amritsar on November 15-19, 2016. He also won first place in Punjabi University Inter-College Road and Track Cycling Championship held at Punjabi University, Patiala
- (viii) Pankaj Garg participated in the 21st Asia Cup International Soft Tennis Championship held at Heroshima, Japan from March 10-12, 2017. He also won a Bronze Medal at All India Inter-University Soft Tennis Championship held at KIIT Bhubaneswar from December 25-28, 2016.

All India Inter-University/National Level

Sr. No.	Name of the Student	Position	Game
1	Shivani	5 Gold medals 2 Silver Medals	Canoeing
2	Prabhjot Kaur	1 Gold Medal 2 Silver Medals	Canoeing
3	Pawan Kumar	1 Gold Medal 2 Silver Medals	Canoeing
4	Daljeet Singh	2 Gold Medals	Tug of War (Mix Team)
5	Jaspal Singh	2 Gold Medals	Tug of War
6	Harjeet Singh	1 Gold Medal	Tug of War (Mix Team)
7	Parminder Kaur	1 Gold Medal	Tug of War (Mix Team)
8	Kamaldip Josan	2 Gold Medals	Tug of War
9	Sachin Singh Rawat	1 Gold Medal (Individual) 1 Bronze Medal	Judo
10	Baljinder Singh	1 Gold Medal (Individual)	Wusho (Sanshou)
11	Inderjeet Verma	1 Gold Medal 1 Silver Medal (Team)	Archery (Mix) Recurve
12	Prabhdeep Singh Dhillon	1 Gold Medal 1 Silver Medal 1 Bronze Medal	Olympic Sprint Team Cycling (Track)
13	Gurpreet Singh	1 Gold Medal 1 Silver Medal 1 Bronze Medal	Olympic Sprint Team Cycling (Track)
14	Varinder Singh	1 Gold Medal (Individual)	Boxing
15	Abi Kumar	2 Gold Medals	Basket Ball
16	Harkaran Singh Dhillon	1 Gold Medal	Basket Ball
17	Sehajdeep Singh Mavi	1 Gold Medal	Basket Ball
18	Sanvir Singh	1 Gold Medal	Cricket
19	Anmol Malhotra	1 Gold Medal	Cricket
20	Anmolpreet Singh	1 Gold Medal	Cricket
21	Ikjot Singh Thind	1 Gold Medal	Cricket
22	Tanu Bisen	1 Gold Medal	Yatching
23	Parmila Bhumij	1 Gold Medal	Archery
24	Preeti	1 Gold Medal	Tug of War

25	Neetu Tokas	1 Gold Medal	Wushu (Sanshou)
26	Sheffally Sharma	1 Gold Medal	Soft Tennis
27	Kushal Kumar	1 Gold Medal (Individual) 1 Bronze Medal	Wushou (Sanshou)
28	Akashdeep Singh	1 Gold Medal	Wushou (Sanshou)
29	Kirandeep Kaur	1 Gold Medal	Kayaking
30	Sunil Kumar	1 Gold Medal	Body Building

Punjabi University Inter-College Champion Teams

Inter-college champion Teams

MEN

Cycling (Road)
Wusho (Sanshou)
Canoeing
Judo
Boxing
Basket Ball
Pistol Shooting
Body Building
Power Lifting
Wrestling (Free Style)
Wrestling (Greco)
Cycling (Track)
Archery (Recurve)
Yatching
Cricket
Football

WOMEN

Wusho (Talu)
Wusho (Sanshou)
Canoeing
Fencing (Sabber)
Boxing
Pistol Shooting
Rifle Shooting
Taekwondo
Kayaking

MIX TEAM

Archery (Recurve)

Inter-college 1st Runners up Teams

MEN

Wusho (Talu)
Tennis
Athletics
Taekwondo

WOMEN

Judo
Squash Racket
Weight Lifting
Archery

Punjabi University Inter-College 2nd Runners Up Teams

MEN

Cricket
Base Ball

WOMEN

Rowing
Swimming
Power Lifting

MIX TEAM

Tug of War

Annexure XVIII

CO-CURRICULAR ACTIVITIES

(a) National : 03

Kushal and Tejpal of B.Sc. (F.D.) got 1st position in T-Shirt Painting at 'Pargaas – The Enlightenment' Youth Fest held at Shri Guru Granth Sahib World University Fatehgarh Sahib on November 3-4, 2016.

Manpreet Singh and Karan Guru of BCA got 1st position in Clay Modelling at 'Pargaas – The Enlightenment' Youth Fest held at Shri Guru Granth Sahib World University Fatehgarh Sahib on November 3-4, 2016.

Quiz team got 3rd position in National Science Day celebration at Thapar University, Patiala on 18 Feb. 2017.

(b) University: 02 (Two)

Positions at Inter Zonal Youth Festival held at Punjabi University, Patiala (24-26 Oct., 2016).

- (i) Manpreet Singh – 1st in Clay Modeling
- (ii) Manish Singh – 4th in Western Solo Song

(c) Positions at Zonal Youth Festival held at Vidya Sagar College of Management and Technology, Patiala (7–9 Oct., 2016) : 07 (Seven)

Individual Events: 04 (Four)

- (i) Manpreet Singh – 1st in Clay Modelling
- (ii) Sanmay – 2nd in Collage Making
- (iii) Manish Singh – 2nd in Western Solo Song
- (iv) Manish – 3rd in Photography

Team Events: 03 (Three)

- (i) Installation – 1st position
- (ii) Giddha – 2nd position
- (iii) Western Group Song – 2nd position

(d) Inter College Competitions:

(e) Talent Hunt Competition – 2016 was inaugurated by S. Harjinder Singh, IRS, Additional Commissioner of Income Tax, Patiala on Sept. 23, 2016. Dr. Baljit Singh Sidhu, Controller of Examinations, Punjabi University, Patiala presided over the valedictory session of the event and gave away prizes to the winners. About 125 students took part in Debate, Elocution, Poetry Recitation, Quiz, Music, Fine Arts, Dances and Theatre item contests.

Annexure XIX

NATIONAL SERVICE SCHEME (NSS):

- (i) Dr. Rajeev Sharma was awarded by United Nations for World Humanitarian Summit Rio + 23 Program WHS, 2016. He was also honoured as Evaluator in J&K State 24th National Children Science Congress held at Jammu on 3 & 4 Dec., 2016.
- (ii) Dr. Rajeev Sharma and Prof. Harmohan Sharma were honoured as Best Programme Officers for NSS activities and Prof. Jagdeep Kaur was awarded certificate of merit for services to NSS by the Punjabi University on January 31, 2017.

Activities involving students:

- (i) Two NSS volunteers Himanshi and Aman Singla were awarded Rs 2100/- in cash from District Block Development Office for their contribution towards Beti Bachao, Beti Padhao.
- (ii) Two Blood Donation Camps were organized in the college on August 08, 2016 and November 07, 2016. More than 100 units of blood was donated during the camps.
- (iii) 4 Volunteers attended Youth Leadership Training Camp held at Manali from October 4-13, 2016 and 7 Volunteers attended Youth Leadership Training Camp held at Manali from October 15-23, 2016.
- (iv) In order to sensitize the students and staff regarding the importance of celebrating eco-friendly and pollution free Diwali, Signature Campaign on Safe and Healthy Diwali was organized on October 28, 2016 in the college campus.
- (v) Rashtriya Ekta Diwas was celebrated on October 31, 2016 to commemorate the birth anniversary of Sardar Vallabhbhai Patel who unified the country.
- (vi) Charity drive was carried by NSS volunteers in slum area colony near bus stand Patiala on December 24, 2016. Sweets, cloths and material of daily use were distributed. People in the colony were made aware of their rights and were sensitized to send their children to school.
- (vii) Five NSS volunteers attended National Integration Camp jointly organized by NSS Regional Directorate, Thiruvananthapuram and St. Michael's College, Cherthala sponsored by Ministry of Youth Affairs and Sports, Govt. of India, from December 25-31, 2016
- (viii) Five NSS volunteers attended Inter-College NSS Camp held at Mata Gujri College, Fatehgarh Sahib from January 05-11, 2017.
- (ix) In a bid to raise awareness about safe driving, NSS volunteers in large numbers took out a rally to commemorate 28th National Road Safety Week organised by Patiala administration on January 09, 2017. NSS department also organized a state level function jointly with Patiala District Police Department to celebrate 28th National Road Safety Week on January 12, 2017.
- (x) National Fire Safety Day was celebrated on January 21, 2017 at the college campus. S. Jatinder Singh, Fire Officer, Patiala gave a live demonstration of fire extinguishers. Sh. Kaka Ram Verma, renowned social worker trained the NSS volunteers for the first aid to be given to the victims of fire accidents and Sh. Pawan Gupta, social worker, demonstrated how to inform the fire brigade department about breakout of fire at a place.
- (xi) NSS Programme Officers and 50 volunteers attended the Youth Convention held at Punjabi University Patiala on January 31, 2017.
- (xii) Department of NSS, Punjabi University, Patiala acknowledged our college by Best College Award on Jan 31, 2017.
- (xiii) NSS volunteers presented papers at National Seminar on Swachh Bharat Abhiyan held at S A Jain (PG) College, Ambala City on February 20, 2017.

Annexure XX

Plan of Action	Outcomes/Achievements
1. To conduct the curricular and co-curricular activities as per annual calendar of the college.	1. Task at Sr. No. 1 have been executed as planned.
2. To increase the access of higher education to contribute to the national target of gross enrollment ratio (GER).	2. Task achieved with increase in student intake (from 4290 to 4530).
3. Networking with the institution of National importance.	3. Networking with the reputed institutions already in process viz. College already tie-up with Punjab Pollution Control Board, Solitaire Infosys Pvt. Ltd (MOU), Zed Start (MOU) and Brill Infosys for academic/professional training of the students.
4. To have comprehensive feedback from all stakeholders	4. Feedback mechanism is already in process. It was made more inclusive and streamlined with the change in format.
5. To provide consultancy services.	5. Teachers from Department of Commerce giving consultancy services to the staff of Income tax department in their training programmes.
6. To organize faculty wise workshops.	6. Five (05) workshops organized in various departments.
7. Increase in number of faculty.	7. Nine faculty members recruited in grant-in-aid scheme.
8. Finishing school activity on hands-on-training for the better placement of the students	8. Finishing school activity on hands-on-training has been started for Masters classes and final years graduates.

Principal