## Mehr Chand Mahajan DAV College for Women

Sector 36-A, Chandigarh – 160036 (U.T.)

# Annual Quality Assurance Report 2015-16

Submitted to
National Assessment and Accreditation Council
Bangalore

#### **AQAR for the year** : 2015-16

#### 1. Details of the Institution

**1.1 Name of the Institution** : MEHR CHAND MAHAJAN DAV

**COLLEGE FOR WOMEN** 

1.2 Address Line 1 : Sector 36-A

City/Town : Chandigarh

State : Chandigarh (U.T.)

Pin Code : 160036

Institution e-mail address : principal\_mcmdavcollege@yahoo.com

Contact Nos. : 0172-2603355, 0172-2624921

Name of the Head of the Institution : Dr. (Mrs.) Nisha Bhargava

Tel. No. with STD Code : 0172-2603355

Mobile No. : 9815758400

Name of the IQAC Co-ordinator: : Dr. Renu Bedi

Mobile No. : 9814007819

IQAC e-mail address : principal\_mcmdavcollege@yahoo.com

1.3 NAAC Track ID : PBCOGN12690

OR

#### 1.4 NAAC Executive Committee No. & Date:

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

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**1.5 Website address** : www.mcmdavcw-chd.edu

Web-link of the AQAR: : www.mcmdavcw-chd.edu/iqac.htm

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade CGPA		Year of	Validity
S1. NO.	Cycle	Grade	COFA	Accreditation	Period
1	1 <sup>st</sup> Cycle	A	-	2006	5 years
2	2 <sup>nd</sup> Cycle	-	-	-	-
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

1.7 Date of Establishment of IOAC	: 1 <sup>st</sup> November, 2015
1./ Date of Establishment of IOAC	: 1 November, 2015

- 1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC
  - i. AQAR (i) January, 2016
  - ii. AQAR (ii) January, 2016
  - iii. AQAR(iii) January, 2016
  - iv. AQAR(iv) January, 2016
  - v. AQAR(v) January, 2016

#### 1.9 Institutional Status

University	N/A	State	Central	Deemed	Private
Affiliated College			Yes 🗸	No 🗌	
Constituent Colleg	e		Yes	No 🗸	

Autonomous college	of UGC	Yes No V	
Regulatory Agency		Yes No ✓	
(eg. AICTE, BCI, M		100	
Type of Institution:	Co-education	Men Women	<b>√</b>
	Urban 🗸	Rural Tribal	
	UGC 2(f)✓	UGC 12B ✓	
Financial Status	Grant-in-aid	Grant-in-aid + Self Fir	nancing 🗸
	Totally Self-financ	ing	
1.10 Type of Faculty/P	rogramme		
Arts Science	ce Commerce	Law PEI (Phys	Edu)
TEI (Edu)	Engineering H	Health Science Manage	ement
Others (Specify)	Undergraduate:	BBA, BCA	
	Postgraduate:	MA (English, Sociology, Economics, Psychology), M Maths and M.Sc. Chemistry.	
	Diploma Courses:	PGDMC, PGDCA,	
1.11 Name of the Affili	ating University (for	the Colleges): Panjab Univers	sity

Chandigarh (U.T.)

#### 1.12 Special status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR

 DBT Star Scheme
 : 10, 26,094/ 

 UGC-Special Assistance Programme (PBG)
 : 12,00,000/ 

 Any Others (DST, Chd Admn)
 : 7,30,50/ 

 DBT (for Science Fest)
 : 1,00,000/ 

 RUSA
 : 1,50,000/ 

 ICPR
 : 10,000/ 

 DCDC
 : 30,000/ 

2. IQAC Composition and Activities	
2.1 No. of Teachers	6
2.2 No. of Administrative/Technical staff	7 + 1 (Staff Representative to the Governing Body of the College)
2.3 No. of students	1
2.4 No. of Management representatives	1
2.5 No. of Alumni	2
2.6 No. of any other stakeholder and	1
community representatives	
2.7 No. of Employers/ Industrialists	5
2.8 No. of other External Experts	-
2.8 (a) Members of NAAC Core Committee	2 8
2.9 Total No. of members	32
2.10 No. of IQAC meetings held	2
2.11 No. of meetings with various stakehold	lers No. 14 Faculty 3
Non-Teaching Staff 2 Students 2	Alumni 4 Others 3
2.12 Has IQAC received any funding from If yes, mention the amount	UGC during the year? Yes No
2.13 Seminars and Conferences (only qualit (i) No. of Seminars/Conferences/ Wo IQAC	

Seminar 02

Workshops 20

#### (ii) Themes

IQAC conducted various events with the following objectives:

- Enhance the soft skills for personality development.
- Refurbish the knowledge base and employability quotient of students.
- Improve the pedagogical skills of the faculty.
- Update the practical skills of the Non teaching staff.

#### 2.14 Significant Activities and contributions made by IQAC

The following proposals were taken up for deliberations and requisite approvals in the IQAC meetings for quality enhancement in all spheres:

- Signing of MOUs.
- Extension of wi-fi facility.
- Upgradation of English laboratory.
- Provision of seed money for research oriented activities.
- Hiring professionals for beautification and landscaping of the campus.
- Harvesting of renewable energy sources.
- Creation of more smart classrooms.
- Construction of new washrooms and renovation /repair of existing infrastructure.

Apart from the set agenda certain other issues came up for discussion and suggestions:

- Ways to improve student teacher interaction through workshops
- Expanding horizons of students through activities such as book reading club, performance of art activities, making an annual calendar for all academic and co-curricular activities of the college.

#### 2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
To constitute a Committee for	Committee constituted and PTA meet held on 20 <sup>th</sup>
interacting with parents of students.	December, 2015.
To harvest rainwater and use	Rainwater harvesting system and photovoltaic
renewable energy resources in the	panels installed.
College.	
To seek approval for signing of	MOU signed with M/s Jonjua Overseas Private
MOUs and guidance sought from	Ltd (Mohali) by the Department of Office
IQAC members for the same.	Management and Secretarial Practice.
	MOU signed with Molecular Diagnostics and
	Research Laboratories (MDRL), Private Ltd.
	Chandigarh by Department of Food Science.
	MOU signed with Mai Bhago Armed Forces
	Preparatory Institute and MCM DAV College.
To strengthen Alumni linkages and	Alumni meet held on 30 <sup>th</sup> January, 2016.
involvement.	
Installation of wi-fi on campus.	Wi-Fi facility installed in select areas such as
	Functional English Laboratory, Office
	Management Laboratory, Multimedia Hall and
	Gymnasium Hall.
To upgrade English Laboratory	English laboratory equipped with state of the art
	pedagogical equipment and software.
Creation of more smart rooms	ICT facilities installed in 10
	classrooms/laboratories.
To enhance the security of students	32 CCTV cameras installed at strategic positions
in the campus and hostels.	to monitor campus security.

To conduct more Workshops/	A seven day Faculty Development
Personality and Skill Development	Programme for the faculty.
Programmes/ Faculty Development	Two Workshops for Non- Teaching staff.
Programmes for students, faculty	Workshops/Awareness Programmes/
and support staff.	Seminars organized.
Renovation of Hostels and Students  The Characteristics of Hostels and Students	Hostel infrastructure has been renovated.
Toilets /Washrooms	

<sup>\*</sup>Attach the Academic Calendar of the year as Annexure. (Please refer Annexure – iii)

# 2.15 Whether the AQAR was placed in statutory body Yes ✓ No Management ✓ Syndicate Any other body

#### Provide the details of the action taken

Management granted approval and sanction of funds for the following:

- CCTV Cameras Installation.
- Wi-Fi connectivity.
- Purchase of Computers and Peripherals.
- Renewable energy Photo voltaic Solar Panels.
- Rainwater Harvesting unit.
- Seed money for Research.
- Upgradation of English Laboratory.
- Signing of MOUs.
- Repair/Renovation of Hostels and Students Toilets/Washrooms.
- Purchase of Computers and Peripherals.

#### Criterion – 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	7		7	
UG	8		4	
PG Diploma	2		2	
Advanced	3		3	3
Diploma				
Diploma	3		3	3
Certificate	4		4	4
Others				
Total	27	2	23	10

Interdisciplinary	1	-	
Innovative	-	•	

#### 1.2 (i) Flexibility of the Curriculum: Core and Elective options

#### (ii) Pattern of programmes:

Pattern	Number of programmes	
Semester	7(PG)+8(UG)+2(PGD)=17	
Trimester	-	
Annual	8(UG)+3(AD)+3(D)+4(C)=18	

1.3 Feedback from Stakeho (On all aspects)	lder : Alumni	Parents √
	<b>Employers</b> $\sqrt{}$	Students
Mode of feedback	: Manual 🗸	

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

- 1. Syllabus is periodically revised by the PU as per the deliberations of Undergraduate and Postgraduate Board of Studies.
- 2. Faculty members also participate in workshops on syllabi revision and improvement.
- 3. Ten members of faculty are members of Board of Studies, three are members of Academic Council, Panjab University and one is a member of Choice Based Credit System Committee (Bachelor of Arts).

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

M.Sc Maths and M.Sc Chemistry were started. Police Administration was added as an elective subject under the Department of Public Administration.

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#### Criterion - II

#### **Teaching, Learning and Evaluation**

#### 2.1 Total No. of permanent faculty (2015-2016)

Total	Asst. Professors	<b>Associate Professors</b>	Professors	Others
105	63	40	-	02

2.2 No. of permanent faculty with Ph.D.

54

### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year (2015-16)

Asst. Pr	ofessors	Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
08	06	-	-	-	-	-	-	08	06

2.4 No. of Guest and Visiting faculty and Temporary faculty

. [	05	NIL	65
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#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended			
<b>Presented papers</b>	50	116	21
<b>Resource Persons</b>		06	07

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

- Audio Visual aids.
- Seminar Presentations.
- Case-studies during class room interaction.
- Group Discussions during tutorials.
- Students present papers in conferences/seminars.
- Teaching across disciplines and allocation of assignments on recent developments in the discipline.

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

As per **PU Academic Calendar**: 216 days (Semester System) 181 days (Annual System)

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

The College has developed a computerized database of all its examination results and internal assessments which has not only helped in the organization and easy accessibility of data.

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

07 (Undergraduate Board of Studies), 3 (Academic Council) +1 (CBCS)

#### 2.10 Average percentage of attendance of students

75 % (as per Panjab University rules)

#### 2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of	Total no. of students		Divi	sion		
	students appeared	passed	Distinction	I	II	III	Pass %
BA III	694	685	38	436	187	62	98.70
B.COM III	207	206	30	162	34	10	99.52
BCA III	62	61	06	36	22	3	98.39
BBA III	41	41	10	32	07	2	100
B.Sc III	208	206	30	144	43	19	99.04

<sup>\*</sup> Ist division is inclusive of distinction holders.

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

- Regular meetings are held to assess and evaluate teaching learning processes.
- Necessary suggestions and grievances received from students, teachers, parents and alumni are discussed and addressed to bring a qualitative improvement in teaching learning process and academic ambience.

#### 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	12
UGC - Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	02
Faculty exchange programme	-
Staff training conducted by the university	03
Staff training conducted by other institutions/Faculty Development Programmes	36
Summer / Winter schools, Workshops, etc.	04 (03 Summer School and 01 Winter School)
Others (RUSA & DCDC)	41 (RUSA) & 154 (DCDC)

#### 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	44	02	01	15
Technical Staff	11	04	NIL	22

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#### Criterion - III

#### Research, Consultancy and Extension

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

Research is one of the agenda of every IQAC meeting. External representatives are asked for suggestions regarding research opportunities for faculty and students.

#### 3.2 Details regarding major projects

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

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	02 (UGC)	-
Outlay in Rs.	-	-	Received -	-
Lakhs			Rs 2 Lacs &	
			01 Awaited	

#### 3.4 Details on research publications

	International	National	Total
Peer Review Journals	59	37	96
Non-Peer Review Journals	01	06	07
e-Journals	10	14	24
Conference proceedings	09	10	19

#### 3.5 Details on Impact factor of publications:

Range	1.20 - 7	Average	4.10	h-index 5.5	Nos. in SCOPUS	10	
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### 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 (02)	2015-16	UGC	Rs 2 lacs	01
Interdisciplinary				
Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total			Rs 2 lacs	01

3.7 No. of books published	i) With ISBN No.: 37	<b>Chapters in Edited Books : 33</b>
	ii) Without ISBN No.	03

3.8 No. of University Departments receiving funds from: NA

3.9 For colleges	Autonomy _ C	CPE DBT Star So	cheme 05
	INSPIRE	CE _	
	Any Other (specify)	UGC, IPCR, PCRS and RUSA	4

3.10 Revenue generated through consultancy: NIL

#### 3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Symposia	-	01 (UGC)	-	-	08 ( College) and 01 (IPCR)
Workshops	-	01 (RUSA)	01(PCRA)	-	(12 – College and 09 – RUSA)
Total	-	02	01	-	30

3.12 No. of faculty served as experts, chairpersons or resource persons: 15

**3.13 No. of collaborations: International**: Nil **National**: Nil **Any other**: Nil

**3.14 No. of linkages created during this year :** 36 (Placement Cell)

3.15 Total budget for research for current year in lakhs:

From Funding agency: 01 (UGC Minor Research Project)

From Management of University/College: Nil

Total: 2 Lacs

#### 3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01 (Chemistry)
National	Granted	
International	Applied	
International	Granted	
Commercialised	Applied	
Commerciansed	Granted	

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

Ī	Total	International	National	State	University	Dist	College
	02	01	01	-	-	-	-

3.18 No. of faculty from the Institution

who are Ph. D. Guides: 09

and students registered under them: 26

- 3.19 No. of Ph.D. awarded by faculty from the Institution: NIL
- **3.20** No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones): Nil
- **3.21** No. of students Participated in NSS events:

**University level:** 200 **State level:** 02 **National level:** 04

3.22 No. of students participated in NCC events:

**State level:** 37 **National level:** 09

3.23 No. of Awards won in NSS:

State Level: 01

3.24 No. of Awards won in NCC:

State level: 07

3.25 No. of Extension activities organized

NCC: 11 NSS: 10

- 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility
  - Blood Donation Camp
  - Beti Bachao Rally
  - AIDS Awareness Rally
  - Health Awareness campaign for Ladies and Children in Badheri village, Chandigarh.

#### Criterion – IV Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly	Source	Total
		Created	of Fund	
Campus Area	16 acres	-		
Class Rooms	51	-		
Laboratories	30	-		
Seminar Halls	03	-		
No. of important equipments		02	College	02
purchased (≥ 1-		(Solar and 6		
0 lakh) during the current		Gym		
year		Equipments)		
Value of the equipment		19,44,350	College	19,44,350
purchased during the year				
(Rs. In lakh)				

#### 4.2 Computerization of Administration and Library

Implementation of Admission and Examination system in Administration Branch of the College Office and DELNET in Library

#### **4.3 Library Services:**

	Existing		Nev	vly Added	Total		
	No.	Value (in Rs.)	No.	Value (in Rs.)	No.	Value (in Rs.)	
Text Books	34791		822	370373	35613		
Reference Books	588		89	157658	677		
e-Books							
Journals	32	80820	14		46	76527	
e-Journals	DELNET						
Digital							
Database							
CD & Video	319		16			335	
Magazines	67	50461	-12		55	48537	

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#### 4.4 Technology Up gradation (overall)

	Total Computers (2+5+6+) 1	Computer Labs 2	Internet (connections)	Browsing centers	Office 5	Departments 6	Library+ Others 7
Existing	176	124	10	2	21	17	14
New	63	29	02		Examination -1	English -30	Resource room-3
Given/ taken to/from other deptt		-29 (Off. Mgmt-15) (Chemistry-5) (Zoology-4) (MFT-2) (Home Sci-1) (Botony-1) (examination-1)			+1 old	+28 old	
Total	239	124=(95 Old+ 29 New)	12	2	23= (21+ 1 old+ 1 new)	75 =(17+ 28 old+ 30 new)	17 (14+3 New)

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

MIS modules in examination and alumni were made operational. Teaching and non teaching members of the respective committees were trained to use the same.

Web centric LSEase Library software system was installed. The Library staff was trained to handle the system.

A one day faculty development programme for non teaching staff was held under the aegis of RUSA

#### **4.6** Amount spent on maintenance in (in lakhs):

I.	ICT	: 6.79
II.	Campus Infrastructure and facilities	: 27.38
III.	Equipment	: Nil
IV.	Others	: Nil

Total : 34.17

#### Criterion V

#### **Student Support and Progression**

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

- The Principal, Advisory Council, Academic Council, Deans/Convenors of Committees create awareness about students support services on periodical basis through College and Hostel Prospectus, College Website, Notice Boards, Student Assemblies and Public Address System.
- Information pertaining to research funding agencies and collaborative grants is made available to the faculty and displayed on notice board.

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

The College maintains contact with former students through Alumni Association of the College-AMDA

**5.3.** (a) Total Number of students UG: 4334 PG: 566

**(b)** No. of students outside the state UG - 75% and PG - 51% (Approx.)

(c) No. of International Students: 32

Last year (2014-15)			This Year (2015-16)								
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
4182	118	30	137	-	4467	4588	156	37	119	-	4900

#### **Dropout%**

Class (Undergraduate)	Annual
UG	1.04
PG	0.53

**2015-16 Demand Ratio:** 

Programmes	Number of Applications	Number of Students Admitted	<b>Demand Ratio</b>
B.A.1	848	848	1: 1
B.Sc. I (Medical)	497	143	3.5: 1
B. Sc. I (NM)	587	124	4.7 : 1
B.Sc. I Vocational	60	44	1.4:1
B. Sc I (MFT)	198	72	2.7:1
B. Com I *		299	
BBA I	391	49	7.9:1
BCAI	91	64	1.4:1
M. A I English	152	54	2.8:1
M.A I Economics	145	48	3.02:1
M A I Psychology	110	30	3.7:1
M A I Sociology	80	52	1.5 : 1
M.Sc. I Mathematics	116	41	2.9:1
M. Sc. I Chemistry	147	32	4.6:1
M.Com I	241	46	5.2:1
PGDCA I	26	26	1:1
PGDMC I	18	18	1:1

<sup>\*</sup>Centralized Admission

### 5.4. Details of Student Support Mechanism for coaching for competitive examinations (if any)

- Subject experts and eminent academicians are invited by the college regularly to guide and prepare students for competitive examinations through lectures, seminars, workshops and interactive sessions.
- Hostel residents are allowed to attend coaching classes outside College.

#### 5.5 No. of students qualified in these examinations:

UGC NET/SLET: 03 Civil Services : 01 Defence Services: \*

\*No data available for the session 2015-16

#### 5.6. Details of student counseling and career guidance

- The Placement Cell of the College organizes lectures for Career Guidance, Personality Development and Stress Management.
- Students are given guidance during admissions by the teachers on admission duty.
- Some teachers are specifically deputed at time of admissions to counsel students about their choice of subjects/streams/careers.
- Teachers also counsel students about their career in the class rooms /final year.

#### **5.7 Details of Campus Placement**

	Off Campus		
No. of Organizations Visited	No. of Students Participated	No. of Students Placed	No. of Students Placed
36	1100	429	-

#### 5.8. Details of Gender Sensitization Programme

Departments, Clubs and Committees of the College have been regularly conducting gender sensitization camps and awareness programmes in the college, city and nearby rural areas. Some of the issues raised this year include:

- Women Safety
- Drug Abuse
- Legal rights pertaining to Women
- Female Foeticide
- Domestic Violence
- The International Women's Day and Girl Child Day were celebrated with great zeal.

#### 5.9 Students' Activities

#### 5.9.1. Number of Students participated in Sports, Games and Other events State/ University Level: 120 National Level: 8 International Level: 2

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#### Number of Students participated in cultural events

State/ University Level: 184 National Level: 13 International Level: 05

5. 9.2. No. of Medals/awards won by students in Sports, games and other events

**Sports** 

**State/ University Level: 111 National Level: 3 International Level:** 

**Cultural** 

**State/ University Level:** 81 **National Level: 05 International Level: 03** 

**Includes team and individual prizes** 

#### 5.10 Scholarships and Financial Support

	No. of Students	Amount
Financial Support from Institution	247	5,73,100
Financial Support from Government	-	-
Financial Support from other Sources	38	3,04,000
Number of students who received	-	-
International/ national recognitions		

#### **5. 11 Student organized /initiatives:** 2 (Rotaract and Meraki)

- 5.12 No. of social initiatives undertaken by the students: Quite a few social initiatives were undertaken by the students under MCM Rotaract Club and the NSS. These included -
  - Blood Donation camps
  - Cleanliness and health awareness drives in urban slums
  - Visit to old age homes and gender sensitization programmes were organized (For details refer to Criterion VII)

#### 5.13. Major grievances of students (if any) redressed:

The Students' Grievance Redressal Cell has handled a number of complaints this year pertaining to time table issues, infrastructure and interpersonal issues. No. of student beneficiaries: Students of various concerned streams.

#### Criterion - VI

#### Governance, Leadership and Management

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

**Vision:** To make Mehr Chand Mahajan DAV College a 'Total Quality Zone' by imparting quality education at all levels to produce 'Women of Potential' who can face the challenges of globalization in the 21st century.

**Mission**: To create young minds with a quest for excellence and a sense of self-evaluative accountability, and chisel them into socially responsible, morally upright, innovative women leaders, administrators and policy makers who can contribute constructively to the task of nation – building.

#### **6.2** Does the Institution have a Management Information System

MIS System has been activated. Examination and Alumni modules have been made functional.

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

#### **6.3.1** Curriculum Development

- During the year 2015-16, 3 teachers were members of Academic Council, Panjab University and 10 faculty members were members of various Boards of Studies that prepare and revise curriculum for the students at various levels and 1 teacher was a member of CBCS Committee (BA) of the Panjab University.
- Since the College is affiliated to Panjab University, teachers follow the curriculum provided by the University but have autonomy to plan the teaching strategy and term- wise syllabus.

#### **6.3.2** Teaching and Learning

• Teachers are encouraged to regularly participate in Faculty Development Programmes.

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- During 2015-16, a 7- day Faculty Development Programme was held under RUSA in Feb-March 2016.
- A one day DCDC sponsored Faculty Development Programme was held on 19<sup>th</sup> March, 2016.
- A seven day Personality Development Program for students was organized by the Student Council of the College in January, 2016.
- Remedial classes for students of BA/B Sc./B.Com I were held in the subjects of English (16<sup>th</sup> to 24<sup>th</sup> Feb), Maths (17<sup>th</sup> to 25<sup>th</sup> Feb) and Accounts (17<sup>th</sup> to 25<sup>th</sup> Feb) respectively.
- Advancements in Information Technology have been incorporated in the system by providing services like INFLIBNET and DELNET in the college.
- M.Sc (Maths) and M.Sc (Chemistry) have been introduced in the College from 2015-16.
- The teachers usually go beyond the prescribed syllabi by interlinking it with other disciplines and assigning research projects beyond the syllabus.
- Faculty members take classes across disciplines to foster inter- disciplinary thrust.

#### **6.3.3** Examination and Evaluation

- Professionals are invited from time to time to apprise the students of ways to handle stress, examination fear, peer pressure and other such problems.
- MIS module of examination has been activated.
- During examinations differently-abled students are accommodated on the ground floor and provided wheel chair if needed.
- Objective peer evaluation is encouraged in some classes which improves the class atmosphere and clarifies the concepts better.

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- In order to maintain complete transparency, the students are shown their answer-sheets of house examinations.
- Internal Assessment is also displayed on the notice board before being submitted to the University.
- The parents of students are informed about the performance of their wards in the House examinations.
- Students are regularly apprised of their attendance in various classes.

#### **6.3.4** Research and Development

In order to encourage research and development:

- The College publishes an ISSN numbered Journal the 'New Horizons'.
- INFLIBNET and DELNET services are available.
- Seminars and workshops are regularly held at the College to promote research.
- All students at PG level and in some UG subjects are assigned research based assignments..
- Inductive teaching as a method of instruction is encouraged.
- Students are motivated to present papers at Conferences/Seminars and publish them in reputed Journals.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Teaching aids such as overhead projectors, computers, visualizer, and wi-fi facility in laboratories are available for the faculty and students to improve the teaching learning process.
- To cope up with increase in number of students, new furniture was procured.
- English and Science labs have been upgraded.

- 911 new books and 14 new journals have been added to the library.
- A proposal for the construction of a new Administrative Block, washrooms, and expansion of the library has been put forth.
- Lockers, Almirahs and other fixtures have been provided in the departmental rooms.

#### **6.3.6** Human Resource Management

The College takes decisions pertaining to the addition of teaching and nonteaching staff within the parameters provided by UGC, Panjab University, and the DAV College Managing Committee.

- The process of recruitment of new faculty is initiated through advertisements in major dailies of the region to attract best talent.
- Regular performance appraisal of teaching and non-teaching staff is done.
- Members of the faculty are assigned rotational duties in various clubs and committees to benefit from their extra-academic proficiency in diverse fields.
- Teachers are encouraged to go for periodic training through Orientation/Refresher Courses/Faculty Development Programmes and Staff Training Courses for their Professional Development.

#### **6.3.7** Faculty and Staff recruitment

• In this session, 71 appointments of faculty on Contract and 8 on Permanent basis were made.

#### **6.3.8** Industry Interaction / Collaboration

- Company executives, Directors and Entrepreneurs were invited to the College to interact and share knowledge with students and the faculty members.
- Students were taken for Industry and field visits for first-hand experience and skill enhancement.

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- To promote linkages with Industry, membership of prestigious bodies like CII was acquired. A representative of CII is also a member of the IQAC 2015-17.
- Add-on courses are available to hone entrepreneurial skills.

#### **6.3.9** Admission of Students

- The College follows Panjab University guidelines for admissions to different courses with regard to minimum eligibility criteria, compartment cases and reservations in different categories.
- Admission is done on the basis of merit and academic record of students'.
   There is a minimum cut off for elective subjects, honours and Post-graduation.
   During the session 2015-16 nearly 4900 students were admitted to various courses.
- The college follows the reservation policy for SC, ST, disabled students and various quotas as per Chandigarh Administration/UGC Norms/ PU norms.
- At the time of admission, the applicants are counselled by senior students and the faculty regarding the choice of subjects/stream/add-on courses.
- PPTs prepared by various departments are run at the time of admissions for the benefit of the students to make them aware about various courses/subjects.
- Induction day is organized for freshers of all streams, during which a detailed presentation on all the Add –on Courses available in the College, is made for their benefit.

#### 6.4 Welfare schemes for

#### **Teaching Staff**

- Fee concessions are given to the wards of all permanent employees.
- Rs 2,95,510 was contributed towards premium of Group Insurance Scheme for teaching and non-teaching staff.
- Loans from the Employee Provident Fund for marriage, higher education of children, purchase of vehicle, and construction of house are available.

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- 1.23 % of staff availed loan facility during 2015-16.
- Subsidized medical and dental facility is provided to staff members and their families.

#### **Non-teaching:**

- Fee concessions are given to the wards of all permanent employees.
- Group Insurance Scheme is provided to teaching and non teaching staff.
- Staff accommodation has been provided to 14 employees (8 office staff members and 6 hostel wardens).
- Loans from the Employee Provident Fund for marriage, higher education of children and purchase of vehicle and construction of house are available.
- 16.67 % of staff availed loan facility during 2015-16.
- Uniforms are provided to Class IV employees periodically.
- Subsidized medical and dental facility provided to staff members and their wards.

#### **Welfare Schemes for Students**

- Merit cum need based scholarships offered by College to meritorious/deserving students belonging to economically weaker sections.
- Free books provided to these students if sought for.
- Substantial refreshment provided to all the students participating in various extra-curricular activities.
- Students have been provided with gymnasium facility.

6.5 Total corpus fund generated **Rs. 36, 42, 87, 350/-**

• Normally, the audited figure is available in the month of October, so the figure for 2015-16 will be shown to the peer team during their visit.

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#### **6.6 Whether annual financial audit has been done** Yes

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		No	
Administrative	No		No	

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

For UG Programmes No

For PG Programmes No

### 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms? : N.A.

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

There is a provision to provide Autonomous Status to Colleges in Panjab University Calendar Volume I, Chapter VIII (f), Pages 177-178.

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

- Alumni Meet was organized in the College on 30<sup>th</sup> January, 2016 with significant inputs from a number of alumni involved in its organization.
- Three alumni came as resource persons during the session.
- Rs 45,500 were donated by the 'Batch of 1994' for scholarships to needy students.

<sup>\*</sup>The annual examination, evaluations and the declaration of results falls within the purview of the Panjab University.

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

- The PTA meet was held in December 2015 and various pertinent issues were deliberated upon.
- Suggestion boxes have been placed in the campus for inputs from students and parents alike.
- The teachers in general hold informal discussions with the parents about their wards' attendance and their academic progress.
- The parents of students are encouraged to freely access the principal/faculty to discuss the progress of their wards.
- 3 to 4 PM every Wednesday is the scheduled time for students to meet the principal and discuss any issue.

#### 6.13 Development programmes for support staff

- One day FDP was held under the aegis of RUSA on e-governance and financial management for the support staff in March 2016.
- An interactive session was organized wherein doctors from PGI discussed the ill effects of Tobacco usage on Anti-Tobacco Day on 23rd June, 2016.
- Lectures and seminars were conducted for the support staff to create awareness about laboratory safety, and use of computers.

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

- Sensitization of stakeholders about energy conservation through lectures, workshops and seminars.
- The hostel is supported by Solar heating systems for providing hot water to residents.
- A Green House in the 'Rishi Vatika' of the college, and a vermin composting unit in the Botanical Garden produces organic manure out of hostel and

canteen mess solid waste by using earthworms. Organic manure was sold to those interested.

- The college conducts various tree plantation drives every year under the aegis of its Environment Committee, Science association, NSS, Rotaract etc.
- Medicinal and herbal plants are not only planted on campus but also distributed among faculty members and students free of cost for a greener future.
- Aquatic ecosystem pond has been set up with the help of Department of Zoology, Panjab University, in the botanical garden.
- Sinks discarded after renovation of Chemistry labs are used as flower beds.
- E-waste bins have been installed in the college premises and students are encouraged to dispose off e-waste in them.
- 2 units of solar panels were installed in 2015-2016
- Rain water harvesting system was installed and made functional during 2015-

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#### Criterion - VII

#### **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.
  - Installation of Rain Water Harvesting System.
  - Installation of Renewable Energy Plant to reduce Carbon Footprint.
  - Week-long Personality and Skill Development Workshop to enhance employability of students and ensure positive skill development towards nation building.
  - Training programmes for teaching and support staff under RUSA.
  - MIS modules in examination and alumni were made operational.
  - Web centric LSEase Library software system was installed. The Library staff was trained to handle the system.

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

POA (Plan of Action)	Action Taken	
	180 papers published and/or presented by faculty members this year	
Greater impetus to	• 33 books published by the faculty this year	
research and curriculum development	3 faculty members newly inducted in Board of Studies or syllabus enhancement committees of PU this year.	
	1 faculty member became a member of the CBCS Committee (BA) of PU.	

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	2 faculty members (Dr.Minakshi Rathore and Dr.Gunjan) received grants for Minor projects from UGC
	Dr.Tanvi Kiran became the only recipient of the UGC Post Doctoral Fellowship for Women in India in Economics and recommended for the Dr. S. Radhakrishnan Post Doc Fellowship
	• Faculty members on the editorial boards of 6 International Journals.
	Rain Water Harvesting System installed on campus.
Infrastructural Advancement for Environment Protection	• Installation of Grid Interactive 20 KWP roof-top mounted solar photovoltaic power plant. The annual power generation is estimated at 26400 Kwh- 29700 Kwh. The system will generate power and will interact with utility grid and feed power into the electric panel of the college building. It would meet partial load requirements of the building and feed the surplus power into the grid.
Skill Development and Remedial coaching	• A seven day workshop on Skill Development and Nation Building organized for students. It included lectures and interactive sessions with Mr. Amit Hans, Director EduCorp., Mr. Sumeet Gill, Asst. Prof. SGGS College, Dr.Komil Tyagi, Dr, Akanksha Tripathi, Dr. Shweta Begra and Ms. Navjot Kaur, Asst. Profs. MCM DAV College.
Student Participation in Management of events	• In continuation of encouraging student participation in events to enhance organizational and entrepreneurial skills, the college organized Meraki 2016.

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

- Social engagement and awareness initiatives (Annexure i)
- Alumni interaction and support (Annexure ii)

#### 7.4 Contribution to environmental awareness / protection

- Work on the **installation of Rain Water Harvesting Unit in the campus** has been completed.
- Grid Interactive 20 KWP Roof-Top Mounted Solar Photovoltaic Power Plant installed.

#### 7.5 Whether environmental audit was conducted? : No

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

#### **STRENGTHS:**

- Well placed and devoted alumni: This year, at the Annual Alumni Meet, the 1994 batch donated a sum of Rs. 45,500/- as scholarship. Various lectures and interactive sessions with alumni were also organized.
- High research quotient among faculty members.

#### **WEAKNESS:**

• Infrastructural paucity acts as a stumbling block to starting new courses.

#### **OPPORTUNITIES:**

- New options and courses can be introduced as specializations at post graduate level.
- With a variety of postgraduate courses, the college can become a research centre.

#### **THREATS:**

- Increasing demand for skill based short-term courses .
- Diminishing relevance of conventional degrees and diplomas

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

- Establishing research centre in at least one Post graduate course. To start new specialization/ options /courses at PG level to stimulate research.
- To increase the number of Solar Power Generation Units.
- More modules of MIS to be made operational.

Remised.	Akhang	
NameDr. Renu Bedi	NameDr. Nisha Bhargava	
Signature of the Coordinator, IQAC	Signature of the Chairperson, IQA	

#### Annexure i

#### **Social Engagement and Awareness Initiatives**

#### **Objective of the practice**

- To instil social responsibility in students
- To use education as a means of uplifting the society

#### Context

- Merely rote education is of no relevance in social life
- Society is suffering from ills and ignorance which must be fought
- Students must become agents of social change and development

#### **The Practice**

The college, through various clubs, conducts awareness programmes and social instruction events. Some of these events are:

#### **NSS**

- Organized a 'Plantation Drive and Flash Mob' in the campus to make the students and staff members aware of the potential threat of global warming.
- 20 volunteers participated in the Smart City citizens interaction programme organized by Chandigarh Administration.
- Rally on female education in village Badheri.
- Poster rally on blood donation and AIDS awareness in village Badheri.
- Donated 127 units of blood during Blood Donation Camp.
- Celebrated Constitution Day.
- Conducted awareness drive on Dengue.
- Candle March on World AIDS Day.
- 30 NSS volunteers participated in Swachhta Abhiyan.
- Distributed over 100 woollens among underprivileged families at Palsora village.
- Workshop on traffic awareness.

#### **Rotaract**

- Annapurna day was celebrated with a visit to Sai Baba Temple. Around 40 poor and malnourished people in sector 29 were provided a meal.
- Students visited Old Age Home, Sector- 23 to celebrate Parent's Day. Fruits and items of daily use were provided to the aged.
- Do-it-yourself skills were promoted among underprivileged children of a slum area in Sector 38 (West).
- As a part of the literary mission, students of Heritage Public School, Jagatpura were invited to the College to participate in a cultural evening and a talk on hygiene. Stationary items and toiletries were donated to children.
- A cultural fund- raising event was organised. A collection of more than one lakh was made through entry tickets and other events.
- Members of the club participated in the Walkathon organised by the Pink Chain of Hope to create awareness about breast cancer.
- The members of the club celebrated Diwali in the slum area in Sector 38 (West) and distributed sweets.
- Members of the club performed a flash mob at Student Centre, Panjab University to mark Women Empowerment.
- A sum of Rs 10,000/- was donated to the Sahayata Cancer Trust.

#### **Medical Committee**

The Medical Committee organized an Awareness Programme on Eye
Donation where Dr. Sudesh Arya, Dept. of Ophthalmology, GMCH,
Chandigarh sensitized the students and faculty members about the relevance
and nobility of eye donation.

#### **Evidence of success**

- Participation in these events has instilled a sense of social responsibility among students.
- Many social groups and underprivileged sections have benefitted through these events and initiatives.

#### **Problems Encountered:**

Such events often take up a lot of time and interfere with academic schedules

#### Annexure ii

#### **Alumni Interaction and Support**

#### **Objective of the Practice**

- To allow our students to benefit from interaction with the alumni
- To instil a feeling of responsibility in alumni towards their alma mater
- To provide a platform for interaction and healthy exchange between different stakeholders

#### Context

- MCM has a wide base of well-placed alumni.
- Current batches receive enormous encouragement and inspiration from alumni interaction.
- Alumni interaction promises a healthy and warm environment in the college and strengthens bonds with them.

#### **The Practice**

- Ms. Vibha Sharma, IT expert, to deliver a talk on "Digital Marketing".
- She also used CII Webinar on positive use of "Social Media".
- Ms. Diksha Ahi interacted with the students about the programme "Lean In: Women, Work and the Will to lead" by Sheryl Sandberg.
- Ms. Navdeep Randhawa, from the London School of Economics, interacted with the students on education possibilities and opportunities abroad.
- Ms. Shriya Gautam, from *Speaking Archeologically* organized workshops on "Colonial Coinage" and the "History of Silk".
- Ms. Enma Popli, Founder Skill Smart Training Academy, conducted a workshop on "Soft Skills and Importance of Body Language".
- An Alumni Meet was organized.
- The batch of 1994 collected and donated a scholarship of Rs.45,500.

#### **Evidence of success**

- Alumni has become more responsive
- Students have given a positive feedback to alumni interaction and lectures

#### **Problems Encountered:**

• To hold these events, schedules of the prominently placed alumni has to be considered which often clashes with holidays or exams.

#### Annexure iii

### Academic Calendar

#### PANJAB UNIVERSITY, CHANDIGARH

Academic Calendar for the session 2015-16 for the Panjab University affiliated colleges with Arts, Science & Commerce having Annual System:

	Summer Vacation	25-05-2015 (Monday) to 05-07-2015 (Sunday)	(42 days)
	Academic Calendar		
	Colleges open on and normal admission for ongoing classes	06-07-2015 (Monday)	
	Admission Schedule	a a second	
	i) Normal Admission for on-going and new classes	06-07-2015 (Monday) to 13-07-2015 (Monday)	(8 days)
	ii) Late admission (for on-going and new classes) to be allowed by the Principal of the College with	14-07-2015 (Tuesday) to 03-08-2015 (Monday)	(21 days)
	late fee of Rs. 525/- per student		
	iii) Teaching starts	09-07-2015 (Thursday) for on going classes     11) 14-07-2015 (Tuesday) For new admission classes	
	iv) Late admission in the Colleges to be allowed by the Vice-Chancellor with late fee of Rs. 1890/- per student	04-08-2015 (Tuesday) to 18-08-2015 (Tuesday)	(15 days)
	Academic Term-I	08-07-2015 (Wednesday) to 21-10-2015 (Wednesday)	(85 days)
	Autumn Break	22-10-2015 (Thursday) to 28-10-2015 (Wednesday)	(07 days)
	Academic Term II	29-10-2015 (Thursday) to 19-12-2015 (Saturday)	(41 days)
	Winter Break	21-12-2015 (Monday) to 03-01-2016 (Sunday)	(14 days)
	Academic Term- III4	04-01-2016 (Thursday) to 12-03-2016 (Saturday)	(56 days)
	Annual Practical Exams / Preparatory Holidays	14-03-2016 (Monday) to 01-04-2016 (Friday)	(15 days)
	Annual Theory Examination	02-04-2016 (Saturday)	onwards
81	Summer Vacation (Tentative)	29-05-2016 (Sunday) to 06-07-2016(Wednesday)	(39 days)
	Total working days of academic terms I, II & III= 85+41+56=18	2 days	
	affiliated colleges with Undergraduate ar	n 2015-16 for the Panjab University nd Postgraduate having Semester Syste 25-05-2015 (Monday) to 05-07-2015 (Sunday)	<b>m:</b> (42 days)
	Academic Calendar	25 05 2015 (Hollday) to 05 07 2015 (Saliday)	(12 days)
-	Colleges open on	06-07-2015 (Monday)	
	Admission Schedule	,)	3
	i) Normal Admission for on-going and new classes	06-07-2015 (Monday) to 13-07-2015 (Monday)	(8 days)
	ii) Late admission (for on-going and new classes) to be allowed by the Principal of the College with late fee of Rs. 525/- per studen	14-07-2015 (Tuesday) to 03-08-2015 (Monday)	(21 days)
	iii) Teaching starts	08-07-2015 (Wednesday) for on going classes     11) 14-07-2015 (Tuesday) For new admission classes	
	iv) Late admission in the Colleges to be allowed by the Vice-Chancellor with late fee of Rs. 1890/- per student	04-08-2015 (Tuesday) to 20-08-2015 (Thursday)	(17 days)
	Academic Term-I (I <sup>st</sup> & 3 <sup>rd</sup> Semester)	08-07-2015 (Wednesday) to 21-10-2015 (Wednesday)	(85 days)
	Autumn Break	22-10-2015 (Thursday) to 28-10-2015 (Wednesday)	(7 days)
	College Re-opens after Autumn Break	29-10-2015 (Thursday) to 01-12-2015 (Tuesday)	(25 days)
		Total working days of Academic Term I = 85+25=	110 days
	End Semester Examinations	02-12-2015 (Wednesday) to 19-12-2015 (Saturday)	(18 days)
	Winter Break	21-12-2015 (Monday) to 03-01-2016 (Sunday)	(14 days)
	Academic Term-II (2 <sup>nd</sup> & 4 <sup>th</sup> Semester)		
	College Re-opens after Semester Examination	04-01-2016 (Monday) to 13-05-2016 (Friday)  Total working days of Academic Term II = 106 day	(106 days) vs
	End Semester Examinations	14-05-2016 (Saturday) to 28-05-2016 (Saturday)	(15 days)