SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

MAHARAJA RANJIT SINGH COLLEGE OF PROFESSIONAL SCIENCES

HEMKUNT CAMPUS, NEAR IET- DAVV, KHANDWA ROAD, INDORE
452017
www.mrscindore.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

June 2022

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Maharaja Ranjit Singh, the Lion of Punjab was proclaimed as Maharaja of Punjab in 1801. A great warrior; democrat, philanthropist and patriot, he integrated the MISLS (small states) into a secular powerful Punjab. Although a crowned king, he refused to wear the emblem of royalty and sit on the throne. The coins did not bear his name or image. The 'Will of people' was given great regard. Hindus, Sikhs and Muslims were equal before law and had equal rights.

Maharaja, as a real democrat helped educational and religious institutions of all communities. He never neglected the code of ethics even in the time of trouble of war.

To perpetuate the memory and ideals of this Great Son of India, Maharaja Ranjit Singh College of Professional Sciences was established in 1994 by the Indo Friends' Foundation Trust, Indore, which is a voluntary, non-political, non-profit making organization registered with the Government of M.P. as a public trust. Inspired by the great patriot Maharaja Ranjit Singh and his immense love for education, the foundation named the Institute as "Maharaja Ranjit Singh College of Professional Sciences".

Establishment of Maharaja Ranjit Singh College is a dream come true for **Dr. R. S. Makhija**, our founder managing trustee. The institute was established to materialize the pious feelings of Indians residing far from motherland to empower the youth of the country to build a stronger nation.

The advisory board constitutes of **Dr. H. Manni**, Chief Advisor, Senior Educationist, Holland; Dr. J. Vincet, France; Dr. S.P.S. Mac, USA; Dr. J. Patel, UK; Mr. A.S.I.S. Paul, former Post Master General are also the advisory board members. They are the mentors who always stand by our side at all the crucial stages of development.

Dr. Ram Shrivastav, retired Principal of Autonomous Holkar Science College, Indore is presently the Chairman of MRSC. Our first Chairman Dr. S. S. Sareen was a Retired Secretary to Government of M.P., Bhopal. He was preceded by B. K. Punjabi an eminent historian. The institution to blossomed from 43 students to thousand students under their leadership. CEO Sh. Satvinder Singh efficiently executes the policies and administration.

Vision

Ensuring the happiness of everyone who comes in our contact is our primary goal (Sarbat Da Bhala). All the human beings have the right to be happy – that is the real learning and teaching to be spread. The college was established in 1994 to empower students with latest professional, technical and social skills required in all fields of life. Breaking the bars between rich and poor, privileged and rearwards we believe in providing equal opportunity to all for growth and development.

The objectives of the institute are well reflected by the Emblem which has the motto "Hard as steel and soft as flower" inspires one to do good deeds for mankind and never be afraid of facing any problems in doing so. Working with high spirits for the society the message on the emblem *"Shubh Karman Te Kabahu Na Taro"* inspires the entire MRSC family to serve the nation.

Management views it's faculty as the eminent stakeholders, they believe the infrastructure as the body and the staff as the soul. It is evident from the fact that a continuous support for the academic growth of faculty led to more than a dozen teachers completing their Ph. D., MBA Executive and M. Tech Degrees while working in the college.

The student teacher relationship of mentor and mentee, of mother and child, of friends in need makes the student comfortable in the campus and free to share the achievements and hurdles in their life with our teachers. MRSC has produced industrialists, economists, bureaucrats scientists, teachers, journalists, actors, singers, choreographers, producers, and many more. We believe in igniting the spark inside every child to brighten their future.

Visionary leadership of the college directed the college growth from 43 students in B. Sc. (Microbiology-Chemistry-Pharmaceutical Chemistry 1994) to a stepwise addition of varied courses at UG and PG level. As the college grew further, increasing it's infrastructure, library and laboratories new courses such as B. Com., BBA, BCA and new subject combinations in B. Sc. in next ten years were added. This was further augmented with Ph. D., M. Com. and M. Sc. in various subjects.

Mission

 "*Impart value added Education of Global standards to help the student work for competitive Excellence & Financial Freedom* ".

The mission statement has been designed keeping in mind the ideals laid by our founders Dr. R. S. Makhija, Managing Trustee, Dr. Ramesh Badlani, Chairman, Indo Friends Foundation Trust, Dr, Arun Patwa eminent surgeon and member and all other trust members. The trust aims at providing education of global standards at an affordable fee to the student fraternity. The mission statement indicates the spirit of competitiveness and the urge for excellence to be inculcated in each and every student. The mission to achieve financial freedom in their chosen field is empathetically developed in the students so that they sustainably progress in their fields.

We believe that a person must be educated and not only graduated. The students takes admission in our institute in their moulding stage and we try to groom them to deal with their financial as well as social situations. Text book matter may help him/her earn high degrees but she/he will be a successful person only if she/he is contented. To attain this situation, we need to take care of all round development of the student. Grooming of students' personality is done by involving them in sports, music, NSS, dance, social, environmental care activities besides classroom teaching and experimentation. The components of this report truly reflect the efforts done by the institute in above respect.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Elaborate infrastructure – MRSCPS runs on it's owned land and building which is constructed in a planned manner to facilitate academic, cultural and sports activities. Spacious classrooms, open corridors, required basic amenities, playground, parking area, canteen makes student's campus life comfortable.
2. Well-equipped and spacious laboratories – One of the strongest points of MRSCPS is regular practical

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training in all subjects. All the subjects having practical syllabus are dealt with intense care. The laboratories have all the required equiments to give hands on training to each and every individual candidate. Thorough training of students in experimental skills has rewarded us in the form of repeated recruitment of our students in certain organizations.

3. Well structured library – Library has varied collection of books for all subjects amounting to 14504 books of 3201 titles. There are separate sections for referencing and issuing of books for UG and PG courses.

4. Updated Qualified Teachers– In order to provide education to students of global standards we have a good number Ph. D. teachers. Many teachers are regularly upgrading their educational qualifications with support of college management. Teachers have been sharing their research and knowledge with the society along with college students by delivering Invited talks, research papers and conference presentations.

5. Experiential learning - Regular activities for students to undergo experiential learning by Workshop, Industrial Visits, Educational Tours, Conferences, Seminars, Webinars, Expert Lectures etc.

6. Research Exposure - Research exposure for students and their training for writing research thesis and papers along with conference presentations.

7. WIFI Campus – College campus has augmented the WIFI facility which has enabled us to conduct online classes very smoothly.

8. Rich Alumni Base - Huge support of alumni for providing expert talks, internships and placements.

Institutional Weakness

1. Research Centre in the Developing Stage - Our College is not recognized as a research centre for Commerce, Management and Biological Sciences yet and the target has been set to get the institute recognized soon in the next few years.

2. Introduction of New Post Graduation Courses - There are still a few departments where Post Graduate Courses need to be introduced such as Computer Science & Allied Subjects and Arts department.

3. Certificate Courses - The lack of academic flexibility should be comprehended by extra time to be given to students in certificate courses. The knowledge gap within the class or batch of students makes teaching a real challenge and has to be reduced by methods like preparative classes.

4. Diverse Educational Backgrounds - Huge diversity in the background education of students at the time of admission which makes it very difficult to bring them upto a required level.

Institutional Opportunity

1. Collaboration with IT and Pharma Industry – Growing demand of professional graduates and post graduates has created an opportunity to collaborate with IT, Pharmaceutical and Food industries. We have research collaborations with institutions, hospitals and some pharmaceutical industries and we are in process of extending these.

2. Agri-Entrepreneurs - We have a large number of students from rural backgrounds who own agricultural land. We wish to encash this opportunity by training them for eco-friendly organic farming. Various courses taught in MRSCPS including Environmental Microbiology, Environmental Biotechnology, Plant Biotechnology train students to use Microbial Fertilizers and Insecticides. We make them understand the merits of biological methods of crop production improvement and avoid chemical fertilizers and insecticides which has already damaged all life forms including plants, animals and humans. Moreover the soil health is extensively damaged.

3. Recognized Research Centre for Research in Chemical Sciences – Being recognized as research centre the department helps junior teachers, post graduate students and researchers from all over other institutes to work for their Ph. D. research.
4. Grooming Students - Grooming students coming from relatively remote areas through the events organized in the institute like Personality contest, Stressbuster, Competitive events based on science and technology and Friendship Day.
5. Eco-friendly Green Campus - MRSCPS has a vast open land area which can be designed further to enhance the greenery. We have hired a Consultant for Green Audit of our campus who has guided us on waste management of various kinds and augmenting the diversity of flora and fauna in the campus. Establishment of Navgrah garden and Butterfly garden is proposed.

Institutional Challenge

1. Rural Development of Adjoining Areas - We are fortunate to have numerous students from adjoining rural areas, where educational institutes have comparatively less facilities. We take up this as our responsibility to upgrade the students from such background and send them back to their native places so that all the parts of our country progress.
2. Adapting to Fluctuating Examination Pattern/Syllabus - Frequently changes in syllabus and examination pattern brings about numerous hurdles in smooth functioning of the courses, we try and adapt to the new system but it definitely affects the results.
3. Language – Special attention is required for students from weaker sections. Books of some science subjects are not available in hindi, which makes it difficult for Hindi medium students to revise those subjects. Teachers help students by giving experiment matter and providing notes in Hindi as knowledge should be restricted by the language barriers.
4. Financial Constraints of Students - Some students studying in our institute are from weaker sections which makes it very difficult for us to collect fees in time. This affects the yearly budgeting but the management permits late fees payment till exam time to some students on humanitarian grounds.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The course curriculum dealt with in our institute covers a wide range of concepts and professional skills. We follow Devi Ahilya Vishwavidyalaya's syllabus and curricular schedule. The course combinations offered are according to the requirement of professionals in the society. As we have limited freedom for modulation of course content, we emphasize on following creative methods to enrich students' brains. Regular certification courses, workshops, field projects and research projects are conducted to make the students understand the implementation of their syllabus content.

The teachers are empowered to teach their subject as per the need in theory, practice using Black Board, Presentations, Videos etc to make the students interested to know more and develop the right concepts.

Activity and academic schedule is prepared in alignment with the University and Higher Education schedule. Conceptual and practical classes are scheduled after thorough discussion among departmental heads and coordinators for smooth conduction. Teachers prepare and provide study material for required course contents. During Covid 19 pandemic session, all teachers prepared course materials in powerpoint presentation formats

and pdf files to help students in the absence of availability of offline interaction and visits to laboratories and library.

Faculty members are a part of various committees in the university such as Executive Council, Board of Studies, Research Degree Committee, Sports Committee, Flying Squad, Examination Panel for affiliating university and other universities.

Faculty members have varied roles to play besides teaching the curriculum in classroom. Mentoring of students in their research projects, field work and internships curves the student towards meticulous planning, working and effective report presentation. Students have performed exceptionally well by presenting their research work in international and national conferences. Some of them have also published their research papers in reputed journals.

Teaching-learning and Evaluation

Empowering students with latest technical skills and conceptual knowledge we actualize our mission of Imparting value-added Education of Global standards to help the student work for competitive excellence & financial freedom. Quality standards of teaching theoretical concepts and training the students in practical skills is the prime focus of all the faculty members of the institute. Completion of syllabus and evaluation of students is taken as top priority work. The teaching process is enhanced by adopting various methods of experiential and participative learning. This develops students' interest in respective fields. We are able to increase the attendance of students time to time by conducting such extra-academic activities where students apply their curricular knowledge for practical work. The quality of our students can be well evaluated by the high percentage of Final year results at both PG and UG level. Students also secure merit positions in university regularly and are also rewarded by the college with medals during the Annual Function. In order to deliver depth of knowledge to students MRSC focuses on qualified teachers and encourages them continuously to upgrade themselves.

Teaching is not limited within the periphery of syllabus but is extended in all directions by outspreading student's knowledge through attending and organizing guest lectures, institutional & industrial visits, seminars, conferences, educational tours, literary activities, environmental awareness activities etc. Such enhancement programs were done practically before Covid 19 pandemic and we changed our gears to online after the pandemic. Expert lectures in the form of webinars, international web conferences, online industrial visits along with regular online lectures were our tools to maintain the knowledge transmission to students. All the teachers adapted completely to online mode of teaching during lockdown period. The video lectures prepared at EMRC, DAVV Indore for Educational Communication India under National Mission on Education, ICT, Ministry of Human Resource Development, India were shared with students for their better understanding.

Research, Innovations and Extension

Most of the faculty members in the institute are holding Ph. D degree and are engaged in research in their respective fields. Our institute is a recognized research centre for Ph. D. students in Chemistry. We have teachers as registered Ph. D. guides (Devi Ahilya Vishwavidhyalaya) in Biotechnology, Microbiology, Chemistry, Management, Commerce and Hindi who are guiding research scholars on respective topics. Teachers and students have marked their names at International and National levels via publications in a wide range of reputed journals. We have contributed significantly to the knowledge bank besides paper publications.

Teachers and students have numerous sequence submissions in the international reserve i.e. National Center for Biotechnology Information (NCBI) and microbial cultures deposited at National Collection of Industrial Microorganisms (NCIM).

Government funded research projects are also sanctioned to teachers by Madhya Pradesh Council of Science & Technology, Madhya Pradesh Biotechnology Council, Madhya Pradesh Biodiversity Board, Department of Science & Technology. Chemical Sciences department worked on

Research scholars from various institutes approach us to guide different parts of their study. Research is also conducted in collaboration with IIT and other institutes in Biosciences and Chemical Sciences. Students from different parts of the country have visited for carrying out their research study for Doctoral, M. Phil, Post Graduate and Graduate level in our institute.

Research is an integral part in our institute with Post Graduate courses also. Students are promoted to work on various dimensions and publish their work in reputed journals. There are numerous research presentation from our institute in international and national conferences. We have more than 150 Conference Presentations by the entire MRSC family.

Teachers also provide research and industrial consultancy to institutes and industries respectively. These industries provide internship and placements to our students as apart of Memorandum of Understanding (MoU) with them. We work on research projects in collaboration with hospitals also.

Our alumni are well placed for doctoral degrees and post-doctoral research in international (overseas) and national institutes like IIT.

Infrastructure and Learning Resources

The college campus spread in 10 acres have well planned buildings and playgrounds. The play grounds are surrounded by concrete walking track. MRSCPS college campus has three building constructions - White building (3 floors in 2 wings front and left wing constructed carpet area 150000 sq.ft.) and an open zone of 5 acre. and Red building used for MBA and MCA courses and Yellow building for school. There is a 3 acers open ground, Gymnasium (650 sq.ft.) swimming pool area (5000 sq.ft.), volley ball court (5000 sq. ft.) and basketball court (15000 sq.ft.), parking area (10388 sq.ft.), open air canteen (7200 sq.ft.), cement-concrete roads (15000 sq,ft.), plantation (8000 sq.ft.) an Auditorium (1500 sq ft).and open land for further construction. Well maintained garden along the buildings and road beautify the campus.

The classrooms are fully furnished and well-ventilated, some of which are equipped with LCD projector. Laboratories are equipped with required instruments and designed according to the experiments in the curriculum. MRSCPS authorities believe that concepts can be learnt best by actually practicing them through experimentation, therefore experiential learning is optimally carried out. The laboratory establishment (equipments, regular consumables like chemicals, glassware, miscellaneous items etc.) speaks by itself for the benchmark facilities.

The library has exhaustive matter on all the subjects of science, commerce, management and arts. Reference as well as issue sections have sufficient number of books to cater the need of students. Students can get books issued according to the rules of the library. The infrastructure is augmented according to the updates in the curriculum and addition of new courses in the college. There is drinking water facility and washrooms on all

the floors.

Open air sit out canteen is near the left wing of white building. The canteen has a preparation and storage room and is outsourced to provide n 100 students at a time with snacks and tea/coffee cold drinks and smoking is prohibited.

Student Support and Progression

Numerous activities are planned throughout the year for enlightening the students and widening their horizons to prepare them for future. Besides regular theory and practical classes we organize guest lectures, seminars, webinars, workshops, industrial and institutional visits, conferences, educational tours, career counselling sessions, CV & interview preparation sessions to make them acquainted to the real world working conditions. Annual function is a very important event of the year and we take up a theme every year to spread sensitivity and humanity in the society. Large number of students participate in this event. Students are also given responsibilities to inculcate the sense of leadership in them. We conduct personality contest in the annual function for which we hire trainers to improve the lifestyle and personality of the students. Some students who participated in this are successfully pursuing their career in showbusiness. Students are encouraged to participate regularly in youth festival and sports activities at university, state and national levels. This is to nurture and spin out best of the talents in an individual. Not only participation but students have also won various events at all levels. Educational tours make students strong and tactful as they travel in distant parts of the country and face various challenges. Besides personal growth of the students we also support them financially by various scholarship schemes other than government scholarships. We have numerous collaborations and MoU's with industries and institutes to help students do trainings and have placements. Placement activities are regularly conducted for graduate and post graduate level students. A very important role is played by our alumni in helping the students develop their personal and professional skills. Our old students regularly visit our college for not only refreshing their memories but also for delivering guest lectures, giving training and placements. Some of the alumni are established industrialists who permit our students for industrial visits. Teachers mentor students for their professional as well as personal matters. Student's grievances are sensitively and logically dealt through a proper procedure. Students are also nurtured for playing responsible roles in college events which grooms them to develop leadership qualities.

Governance, Leadership and Management

MRSC offers a conducive environment for teachers and students along with providing extensive opportunities for their growth and development. The flow of responsibilities and related information is made very simple by the college management. The routine work in department is taken care by the Heads who have to report to the Principal. The departments have to work in collaboration with each other as the UG programs have different combinations of subjects. A course coordinator is appointed for each segment of the UG and PG programs who establishes the harmonious coordination of all the departments in teaching along with the activity calendar.

Providing good quality education and life skills to students is the prime focus of college authorities and to achieve this goal a proper working channel is established in the institute. Principal briefs about various motives to work upon in the beginning of the session and the head of departments and coordinators are suppose to plan various co-curricular and extra-curricular activities. Teachers are appointed as coordinators for academic, cultural, sports, arts, literary or other extra-curricular activities to be conducted. Teachers mentor students to take-up charge and responsibilities for conduction of different events. This hierarchy enables delegation of

duties and powers for smooth conduction of all the activities.

Management supports teachers for upgrading their educational qualifications. Numerous teachers have done their entire Ph. D. work in the college. Several teachers have worked for higher degrees like MBA Executive and M. Tech.

Institutional Values and Best Practices

MRSC believes in carving the students as responsible citizens who are empowered with education, have empathy for fellow beings, nurture the feelings of patriotism in their hearts, have logical thinking and a dream to give something back to the society. Days of national and international importance are celebrated to emphasize and inculcate these values among students.

Students are promoted to coordinate and participate in various events in order to polish them to take up responsibilities. Some events like Health Awareness Camp and Festive bash are very good examples of students' involvement in organizing and conducting an event. Students carry out all the analytical tests during Health Awareness Camp and put-up healthy food stalls. Festive Bash also gives an opportunity to students to exhibit their managerial and marketing skills. Sense of responsibility towards elders and needy section of the society is inculcated among students by making them visit blind school and old age homes. Students and teachers visit these centers with gifts and spend time with the inmates to share happiness and make the learning moments memorable.

MRSCPS owns a large green campus rich in trees and plants harboring natural fauna. Care takers clean the grounds and trim the trees as and when required. Shady trees and beautiful flowers provide a soothing atmosphere. Navgrah garden was established which got overgrown during Covid 19 pandemic lockdown. We have planned to reestablish it again.

Best practices of our institution assists us in adding value in our lives by building social and emotional responsibility towards mankind. The health awareness camp organized every year in the campus helps in educating students and staff members about rising health concerns and also aids in spreading health related awareness. To inculcate social responsibilities amongst students, our institute also takes part in various social activities like donating clothes and essential items to needy people; students and faculty members' visits old age home and orphanage from time to time; inviting senior citizens and blind school students in the campus and felicitating them. Thus, best practices of the institution help in promoting value-based education and narrows economic disparities in the society.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	MAHARAJA RANJIT SINGH COLLEGE OF PROFESSIONAL SCIENCES
Address	HEMKUNT CAMPUS, Near IET- DAVV, KHANDWA ROAD, INDORE
City	INDORE
State	Madhya Pradesh
Pin	452017
Website	www.mrscindore.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Anand Nighojkar	0731-2994505	9826780505	-	principal@mrscindore.org
IQAC / CIQA coordinator	Sheetal Bhasin	091-9926766667	9926766667	-	sheetalrbhasin@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	Yes MRSC Minority Letter.pdf
If Yes, Specify minority status	
Religious	SIKH
Linguistic	
Any Other	

Establishment Details	
Date of establishment of the college	01-01-1994

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
State	**University name**	**Document**
Madhya Pradesh	Devi Ahilya Vishwavidyalaya	View Document

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC	03-07-2008	View Document
12B of UGC	01-04-2014	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
No contents				

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes autonomydoc_1653547802.pdf
If yes, has the College applied for availing the autonomous status?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	HEMKUNT CAMPUS, Near IET- DAVV, KHANDWA ROAD, INDORE	Urban	10	13935.45

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BCom,Commerce And Management	36	Higher Secondary Certificate	English,Hindi	60	16
UG	BBA,Commerce And Management	36	Higher Secondary Certificate	English,Hindi	120	112
UG	BCom,Commerce And Management	36	Higher Secondary Certificate	English,Hindi	120	52
UG	BCom,Commerce And Management	36	Higher Secondary Certificate	English,Hindi	60	46
UG	BCom,Commerce And Management	36	Higher Secondary Certificate	English,Hindi	120	59
UG	BSc,Computer Science And Allied Subjects	36	Higher Secondary Certificate	English,Hindi	60	0
UG	BSc,Computer Science And Allied Subjects	36	Higher Secondary Certificate	English,Hindi	60	1
UG	BCA,Computer Science And Allied Subjects	36	Higher Secondary Certificate	English,Hindi	120	25
UG	BSc,Computer Science And Allied Subjects	36	Higher Secondary Certificate	English,Hindi	60	29
UG	BSc,Computer Science And Allied Subjects	36	Higher Secondary Certificate	English,Hindi	60	4
UG	BSc,Comput	36	Higher	English,Hind	60	12

	er Science And Allied Subjects		Secondary Certificate	i		
UG	BSc,Biosciences	36	Higher Secondary Certificate	English,Hindi	60	8
UG	BSc,Biosciences	36	Higher Secondary Certificate	English,Hindi	60	13
UG	BSc,Biosciences	36	Higher Secondary Certificate	English,Hindi	60	23
UG	BSc,Biosciences	36	Higher Secondary Certificate	English,Hindi	60	13
UG	BA,Arts	36	Higher Secondary Certificate	English,Hindi	60	39
UG	BA,Arts	36	Higher Secondary Certificate	English,Hindi	60	8
UG	BA,Arts	36	Higher Secondary Certificate	English,Hindi	60	18
PG	MCom,Commerce And Management	24	B. Com.	English,Hindi	30	5
PG	MSc,Biosciences	24	B. Sc.	English	20	16
PG	MSc,Biosciences	24	B. Sc.	English	20	15
PG	MSc,Chemical Sciences	24	B. Sc.	English	20	10
PG	MSc,Chemical Sciences	24	B. Sc.	English	40	31
Doctoral (Ph.D)	PhD or DPhil,Chemical Sciences	48	M. Sc.	English	12	5

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Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				5				3				30
Recruited	3	2	0	5	2	1	0	3	10	20	0	30
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				14
Recruited	10	4	0	14
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	5	2	0	7
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	2	0	1	1	0	3	6	0	16
M.Phil.	0	0	0	1	0	0	0	0	0	1
PG	0	0	0	0	0	0	2	3	0	5
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	3	0	4
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	4	7	0	11
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	12	8	0	20

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1395	28	0	0	1423
	Female	567	19	0	0	586
	Others	0	0	0	0	0
PG	Male	67	1	0	0	68
	Female	75	6	0	0	81
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	1	0	0	0	1
	Female	4	0	0	0	4
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	125	164	127	86
	Female	44	47	38	34
	Others	0	0	0	0
ST	Male	92	114	81	54
	Female	39	37	33	32
	Others	0	0	0	0
OBC	Male	712	1043	832	583
	Female	286	253	216	209
	Others	0	0	0	0
General	Male	561	888	804	561
	Female	299	312	289	294
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		2158	2858	2420	1853

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Our vision of achieving global standards for the holistic development of our students blends with the new education policy 2020 which has been implemented in our state from the session 2021-2022. Our institution started arts and humanity discipline with combination of subjects like History Sociology, Economics and Literature. Credit based curriculum was adopted from the current session 2021-22, however, earlier the students were imparted environmental education, community engagement as subjects in various courses. Now, with the implementation of NEP, the institution shall be providing multiple entry and exit at the end of each year in UG courses providing certificate, diploma and

	degree respectively. The institution runs self-financed NSS unit that engages the students in identifying the social issues and providing solutions. In NEP each student has to submit a project/internship/ field visit report which shall give him the inside of research, industry and social problems in an inter disciplinary area.
2. Academic bank of credits (ABC):	ABC has been proposed from the year 2021-2022 that shall permit students the option to avail multiple entry and exit during the program. Till now we followed University System of permitting a student to complete his UG degree (3YDC) in a time span of 5 years and PG degree (2 YDC) in 3 years.
3. Skill development:	ABC has been proposed from the year 2021-2022 that shall permit students the option to avail multiple entry and exit during the program. Till now we followed University System of permitting a student to complete his UG degree (3YDC) in a time span of 5 years and PG degree (2 YDC) in 3 years. The institute always focuses on value-based education by ensuring student participation by various programs such as Independence Day, Gandhi Jayanti, AIDS Awareness Day, Vivekananda Jayanti etc. Thus, inculcating in them a sense of pride, positivity, humanitarian approach and ethical values. Sessions of "Sarva Dharma Sambhav" and religious equality have been occasionally conducted to breed faith, love and nonviolence. The college ensures skill development through various programmes like Ganesh Idol Making Workshop, Development of Oration Skills, Personality Grooming Skills, Managerial, Scientific and Technical skills in one-on-one interaction of the students with the teachers and involving and promoting students for participation in various activities throughout the year.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The Panchatantra story telling approach to teach life skills to students is followed by various teachers in their regular teaching by deliberating motivational stories and anecdotes from various PMA books, videos and messages received on social media platforms.
5. Focus on Outcome based education (OBE):	Outcome based education is focused on by the teachers wherein they provide students various tasks during events like Health Awareness Camp, Festive Bash etc. to ensure that the student has learned and

	adopted the class teachings. Routine tests and question answer sessions in the class checks their preparedness for the University Examination. Hands-on training approach is followed in practical classes to ensure the workmanship.
6. Distance education/online education:	The online resources developed by college teachers available on MOOCs platform and other YouTube resources are shared with students. They are also encouraged to search and share other video lectures and online resources available in the selected topics. Movies on Gandhi and Swami Vivekanand has been shown in college auditorium time and again. Dr. Pushpendra Dubey demonstrated and trained the interested students and staff, the art of drawing thread from cotton using 'Katli'.

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
319	309	298	297	295

File Description	Document
Institutional data prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
10	24	21	21	21

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2158	2858	2420	1818	1451

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
725	725	635	635	620

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
744	585	504	388	330

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
38	24	30	34	41

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
38	24	30	34	41

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 16

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
104.25	207.36	202.68	224.42	182.44

4.3

Number of Computers

Response: 115

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

Institution ensures effective curriculum delivery through conduction of meticulously planned theory as well as practicals according to the academic calendar based strictly on the University and Higher Education`s academic calendar as our institute is affiliated to DAVV, Indore. The schedule declared by the Principal is passed on to all the coordinators and head of the departments for planning. A meeting is called in the beginning of the session to discuss on the major issues regarding academics.

Regular notifications received by the university on university website and circulars are communicated to all the departments for execution of the policies.

The course coordinators and head of the departments prepare the schedule for interdisciplinary subjects. Subjects are allotted to all the teachers based on their expertise so that the students receive best of the knowledge.

The information regarding academic and activity action plans is displayed on notice board and college website.

The course coordinators keep a thorough track of the time table and teaching plan so that the syllabus is completed within the stipulated time. Teachers keep a record of all the assignments allotted to them in a daily dairy.

The unplanned holidays are compensated by the extra classes taken by the teachers for required subjects. The schedule for CCE, Practical Exams and Theory Exams is communicated to the students through college notice boards and also loaded on social media groups and college website.

Campus is equipped with wi-fi internet facility which is also available to all the teachers and students. Our institute also promotes ICT as we understand that some fundamentals and theories can be explained better by audio visual methods and animations.

Laptops and three LCDs are available for conducting audio visual sessions.

The basic mode of curriculum delivery in the institute is classroom interaction. Special emphasis is given for effective curriculum delivery by making extra efforts to convey the knowledge to varied calibre of students.

Teachers provide study materials to students which makes them understand the frame and depth of the course which they need to study. Teachers also help students who have language problem such as; they guide hindi medium students to prepare notes and practical records. There is a separate departmental

library in some departments which issue books to the needy students as and when they require.

All the streams plan expert talks, industrial and field visits and other creative methods to enhance student's knowledge. The students are also made to attend live classrooms such as learning about wildlife with mother nature. Students visited Badgonda and Ralamandal for observing the diversity of birds in this region, sericulture department for visualizing the synthesis of natural silk by silkworm. PG and UG Chemistry, Pharmaceutical Chemistry, Microbiology and Biotechnology students visit the pharmaceutical companies for studying the parenteral and oral preparations. Students also visit food, biofertilizer, bioinsecticide production industries for getting acquainted to the industrial working technology. Students of Computer Science, Commerce and Management department regularly visit software companies and manufacturing units for understanding the working procedures.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Our institute follows Devi Ahilya Vishwavidhyalaya's academic and activity calendar. The commencement of classes, conduction of internal theory evaluation, practical examinations and sports activities are scheduled according to University calendar. Dates for CCE are announced and displayed on the notice board

Systematic theory and practical classes are conducted for all the courses and the syllabus completion status is checked by Course coordinators, Head of the departments and Principal at regular intervals. In case of unplanned holidays, teachers take extra theory and practical classes. At the end of session students are made to undergo pre-university and pre-practical examination as a revision process for them which also helps in preparing them for final examination.

Internal evaluation is a continuous process in our institute. Teachers have adopted different methods for evaluation of students. Evaluation of students is done by different methods in order to give them a chance to prove their ability. Subjective and objective written tests, classroom teaching, power point presentations, report and assignment preparation and quiz are some of the methods adopted.

Internal tests are conducted and the answers written by the students are discussed in the class and they are guided as to how to enrich their answers.

In another method, students in a class are divided into 2 groups and quiz is conducted to check the concepts grasped by them during the lecture.

Students are also taught to prepare powerpoint presentations and they present their topics in class by this mode. Classroom teaching is also one of the methods adopted by some teachers for CCE, where students are allotted topics which they are supposed to teach in class.

Internal evaluation is also done by giving assignments to the students which helps them to prepare for final exams.

Practical subjects in commerce are dealt with making the students solve problems in classroom and the fast and slow learners are spotted. Teachers encourage students to ask doubts and every teacher solves students' doubts in their free lectures in one-on-one mode.

Report of industrial and field visits are also prepared by students to express their updation.

The extent of retention of students is also analysed after their participation is a conference or a workshop. A post conference session or a post workshop session is conducted where the students share their learnings and experiences with other students who could not attend these programmes, in this way the other students are updated with whatever they have missed and the participants are evaluated on their retention capacity.

Students who are doing research projects are made to give presentations on their findings time to time which help in analysing students' development.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View Document](#)
Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 10

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 14

1.2.2.1 **How many Add on /Certificate programs are offered within the last 5 years.**

2020-21	2019-20	2018-19	2017-18	2016-17
2	4	2	3	3

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 6.38

1.2.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
95	138	149	127	138

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

Subjects like Moral Values, Environmental Studies in Foundation course, students of Environmental Microbiology, Biotechnology, Food Microbiology and Biotechnology helps the students understand life and environment. Subjects like IPR and Patenting taught in M. Sc, Sociology and Hindi Literature in Arts, sensitise students professional ethics and equality.

Professional Ethics

Learning by doing rather than preaching is infallible way to ensure that the ethical values are inculcated at the right age. Seminars, workshops, health awareness camps and festive bash are organized by college students under the mentorship of experienced teachers in the college. The students plan and execute learning professional ethics. Gratitude, learning from cooperation, handling ego issues, avoiding plagiarism, creating scientific data and reporting findings. Students are encouraged to participate in youth activities like NSS, Youth Day Celebrations and Student Parliament where they are trained to put up their ideas and thoughts in front of others. Our country needs people with positive, influential and logical thinking for leadership.

Human Values

Independence Day, Republic Day and Youth Day are celebrated to sensitize the students towards their larger responsibilities. Visit to old age homes, blind schools and orphanage develops in them empathy towards their own family and society. Senior citizens from old age homes were invited to participate in the Personality contest in Annual Function, students from deaf and dumb school visited our college and presented beautiful dance performances on Yuva Saptah (2018). Teachers set example by teaching Class IV staff, writing and reading, art and forms like clay modeling. Our faculty Prof. Praveen Sharma and Prof. Vinod Yadav are active blood donors. Blood donation Camps are organized in college during Health Awareness Camp.

Anti-alcohol drive

All the students, teachers and members of the management participated in a silent but strong drive against alcohol. All of us protested against opening a wine shop in the vicinity of the college campus as it could create nuisance for us and nearby teaching institutes. The municipal corporation agreed to transfer the wine shop from our catchment area.

Gender Sensitivity

Shradha Patel was elected College President in Student Union Election 2017-18. Dolly Kheriya and Sonali Roy participated in Bhariya Chatra Sansad 2016-2017. These are examples of gender sensitivity and women empowerment of our College. Active participation of girls in NSS unit, sports team and women cell activities, attending training by Karate refree Ms. Poornima Bise , ASI Ritu Sirvi , Bhawarkua Thana are other examples.

Environment and Sustainability

Plantation

Plantation drives within and outside the campus are conducted by planting the trees of shade and fruits.

Eco Friendly Ganesha

'Eco Friendly Ganesha' idol making workshop from paper pulp or clay is organized to train students.

Anti Polythene Drive

The merits of biodegradable paper bags and demerits of using polythene bags was emphasized in the anti polythene drive organized by students under apt guidance where paper bags were made and collected from Schools and distributed them in commercial areas of Rajwada. Golden Book of Records included the event and provided the certificate. Dr. Mukesh Patidar initiated research on developing bioplastic from Parthenium plant which has been covered in local newspapers also. A project has been sanctioned by DST in collaboration with IIT Indore.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View Document](#)
Any additional information	[View Document](#)

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 4.78

1.3.2.1 **Number of courses that include experiential learning through project work/field**

work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	18	17	17

File Description	Document
Programme / Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	[View Document](#)
Any additional information	[View Document](#)

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 29.98

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 647

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: C. Any 2 of the above

File Description	Document
Any additional information (Upload)	[View Document](#)
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View Document](#)

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. **Feedback collected, analysed and action taken and feedback available on website**
2. **Feedback collected, analysed and action has been taken**
3. **Feedback collected and analysed**
4. **Feedback collected**
5. **Feedback not collected**

Response: C. Feedback collected and analysed

File Description	Document
Upload any additional information	[View Document]()

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 62.73

2.1.1.1 **Number of students admitted year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
555	999	996	940	686

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1450	1450	1270	1270	1270

File Description	Document
Institutional data in prescribed format	[View Document]
Any additional information	[View Document]

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 71.25

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
337	647	546	497	349

File Description	Document
Average percentage of seats filled against seats reserved	[View Document]
Any additional information	[View Document]

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Heterogeneous group of students appear in all programmes. Most of the students in institute are from nearby towns and villages. Many of them have not been exposed to required standards at school or undergraduate level whereas some of them possess immense capability which only needs to be guided correctly. Teachers identify student's grasping capacity and inquisitiveness in the classroom while teaching. We analyse previous results of students. Internal tests are carried out in order to check their learning capacity. Teachers discuss about previous class matter in the beginning of lectures and analyse that how many students are able to answer. The students are categorised on the basis of their willingness and quality of answers. While carrying out experiments in science subjects the students who are fast learners are promoted to pick up research work in promising direction. This helps them learn something beyond their syllabus. The slow learners are advised to carry out simple projects which help them to clear their concepts practically and make them ready to face the competitive world for their future endeavours.

Methods adopted for channelizing the energy of fast learners:-

- Advanced learners are groomed to get involved in activities beyond their curriculum. They are encouraged to take up live projects or plan certain workshops or seminars. We understand that these students can manage their curriculum very well and must be introduced and trained for real world conditions which they will be entering soon. Some students are good in sports, some in cultural activities, some in studies and others in research.
- Shraddha and Poorva Patel had undergone training in Pearl Culture and conducted a workshop on this for teachers and students of the college.
- Students good at sports are groomed accordingly to represent college, university, state and national level also.
- Advanced learners are encouraged to present their research work in International & National conferences.
- Students with high intellect are groomed to get higher secured positions in University merit list.

Measures for improving the performance of slow learners:-

- Hindi medium students hesitate to interact. Teachers give them extra time for preparing their practical files and notes in Hindi so that the concept reaches the students without the barrier of language.
- Regular doubt solving sessions and extra classes are conducted for these students so that they can cope up well.
- Special counselling is done for students who are observed not participating in regular academic and cultural activities. These sessions develop confidence inside them and they feel equal with others.
- Regular motivational sessions and subject related extra-academic activities such as industrial or field visits for slow learners to avoid drop out.

File Description	Document
Upload any additional information	[View Document](#)
Past link for additional Information	[View Document](#)

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 57:1

File Description	Document
Any additional information	[View Document](#)

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Our institute conducts numerous activities where students undergo experiential learning or participative learning. Learning experiences are enhanced by exposing students to International, National, state and local levels.

Experiential Learning

Students are made to experience the subject concepts practically by various means which enhances their learning of the subject and develops interest.

- Various programs running in college have experiments as an integral part of the curriculum which helps the students experience the concepts taught in theory.
- Teachers mentor students to organize Health Check Up sessions in Health Awareness Camp organized every year where PG and UG Biosciences students perform basic health check-up of participants.
- Research Projects are undertaken by numerous students in various subjects which enable them to develop intellectual property and experience the process of generating data and contributing to the scientific reserve of the world.
- Students present their research work in International and National conferences.
- Students put up food stalls and games stalls in Fun fair organized by college every year, where they experience the actual planning, production, management and financial details in organizing the event
- Students experience the latest technologies and high end scientific instruments at national level instrumentation centres such as SICART, Vallabhvidhyanagar, Gujarat.
- Students are also made to give presentations in classroom for developing their public speaking skills.

Participative Learning

- Post Graduate and Graduate Level students participate in workshops, seminars and conferences, guest lectures to upgrade themselves in their respective subjects
- Skill development workshops are organized every year for students where they are made to experience the professional skills which can be enchashed for jobs or establishing production houses.
- Industrial and institutional visits are planned regularly to make the students ready for future. Students explore pharmaceutical, food processing industries, cosmetic industries, fermentation, agro-based industries, dairy and garment manufacturing industries, bio fertilizer and bio insecticides industries, research institutes and pathology and blood bank departments in hospitals according to the application of their courses.
- **Problem Solving Methodologies**

- Students attend various educational and recreational tours where they learn to organize these programmes and carry them out efficiently. They learn to solve issues when they are out of their comfort zones in different cities.
- Solving research problems, designing experiments, troubleshooting the hurdles during experimentation trains the students to orient their brains towards problem solving methodologies.
- While organizing workshops and events such as Health Awareness Camps or Festive Bash students are given responsibilities to carry out the events smoothly. They come across various challenges which they try and solve by teamwork.

File Description	Document
Upload any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Teachers impart knowledge to the students effectively by using different teaching methods ranging from chalk board, animations, Video clippings, Audio system, online sources, and power point presentations to video lectures. The basic tool for teaching is chalk board but most of the teachers use some or the other computer-oriented method for giving a better understanding of the concept. Most of the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work.

Our teachers have developed e-content on various topics as a member of Swayam online courses. The e-content developed by the teachers are available on youtube as well as college library for easy access to students. Teachers have also developed their YouTube channels to share the teaching content with the students. Effective explanation on working of equipments is dealt with showing short videos or animations available on youtube and other internet sources. The departments have been issued LCD projectors which can be used by the teachers. All the departments have computer systems and can also get the laptops issued for preparation of presentations.

Power point presentation (PPT) is a very common tool used for delivering the mechanism-based topics. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching-learning process.

Scientific processes are very well explained by animations and videos. Teachers develop their own presentations and have developed a teaching material reserve for the students.

The library has numerous interactive CDs which are used by teachers for explaining the concepts to the students. The library also has numerous e-books which can be used by the students.

Students are also trained to prepare power point presentations and deliver talk along with it. We have computer laboratories well equipped with machines having latest configuration where students not only learn about the computer science related subjects syllabus matter but also can use these labs for developing their skills. Our institute also issues laptops to students who want to learn and prepare power point presentations.During the lockdown due to Covid 19 pandemic all the teachers used Zoom, Google meet or Microsoft teams for classes. The online learning environments are designed to train students in open problem-solving activity. Mathematical subjects are taught in online mode, teachers have used various online tools like- whiteboard in Microsoft teams, Google forms and Google meet, etc.

File Description	Document
Upload any additional information	[View Document](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View Document](#)

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 57:1

2.3.3.1 Number of mentors

Response: 38

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	[View Document](#)
mentor/mentee ratio	[View Document](#)
Circulars pertaining to assigning mentors to mentees	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	[View Document](#)
List of the faculty members authenticated by the Head of HEI	[View Document](#)
Any additional information	[View Document](#)

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 57.93

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
19	20	18	17	19

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 11.18

2.4.3.1 **Total experience of full-time teachers**

Response: 425

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

The continuous cumulative evaluation (CCE) is a part of the university examination system.

Internal assessment of the student is done at various levels. It starts with the regular classroom teaching where teachers encourage students to interact, the response by students is analyzed and the students are further nurtured accordingly. Next level is in the form of CCE Internal evaluation of students is done by different methods such as subjective tests, objective tests, surprise tests, assignments, group discussions, quiz, classroom teaching and presentations.

The students are well informed for the tests to be taken as CCE beforehand and the marks obtained by them are also known to them. In case a student is not able to score well or not able to attend the CCE because of some unavoidable reasons he/she is given another chance to appear for the internal evaluation. The students scoring less are also counseled separately in order to improve their performance next time.

A variety of modes are adopted for assessing students at different levels. Besides regular pattern of tests sudden viva-voce, power-point presentation by post graduate level students on theoretical topics, quiz competition and group discussion for commerce & management graduate level students.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

The internal examination process is completely transparent; the students are well informed about the mode of internal assessment by the teacher. They are assessed on only those topics which have been covered by the teachers and guidance has been given for the subject matter. The teacher explain the answer expected and If the student feels he/she has scored less the teachers clear their doubts in the classroom or counsels them or guides separately as and when required.

Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory lectures, lab, assignments, and unit tests. The internal marks are allotted based on defined strategies and informed to students individually. Query if any is discussed with faculty and Head of the department. The grievances during the conduct of theory examinations are considered and discussed in consultation with Head of the Department and if necessary forwarded to the Principal.

Any student who is not satisfied with the assessment and award of marks may approach the concern Head of the department who can intervene and seek opinion of another course teacher.

College Level: The Institute follows open evaluation system where the student performance is displayed on the notice board. If a student is not able to appear for examination due to medical or any genuine reason examination is conducted for that student as per norms, provided that he/she submits application with proper documents. If any student scores less marks and wants to improve in that subject, he/she can appear for the improvement examination.

The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet. The answer sheet of such student is assessed by the faculty once again in the presence of the student. Any corrections in the total of marks or assessment of answer books as identified by students are immediately done by the faculty members

University level: With reference to evaluation, if the student scores less mark than expected, he/she can apply for revaluation of his/her answer script after paying the prescribed fee. The student is guided by the faculty in this respect.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

Our college management has an exemplary vision for educating the youth of our country technically and scientifically with traditional wisdom. The courses running at our institute have been chosen in accordance with the need of the society and developing industrialization in and around Indore. We have large manufacting units of garments, food and dairy along with well-established pharmaceutical sector at Pithampur. The IT sector industries are already in pipeline at super corridor in Indore. There is a regular need of managerial skills, IT professionals and graduates and undergraduates from Biosciences and Chemical Sciences groups. Our institute caters these requirements via BBA, B.Com. B. A., B. Sc., M. Sc., M. Com. and Ph. D. Chemistry programs.

The very first course introduced in the year 1994 by our institute was B. Sc. Microbiology, Pharmaceutical Chemistry and Chemistry, a unique combination which was for the first time proposed by any college in central India. There are numerous pharmaceutical formulation or bulk drug units in the vicinity and they require professionals technically skilled in pharmaceutical chemistry, chemistry, microbiology, management and marketing. The foresightedness of our management has resulted in the prospering career of our students, for eg., Dushyant Singh Baghel, Ashwini Bansal, Aditya Raghuvanshi Jitendra Nagar,

Harbhajan Singh, Shailendra Jain, Hitendra Singh Bawal, Karni Mundra etc., in developing their own pharmaceutical business; Gurjot Singh Gill and Jagat Punjabi in commercial fields, Raju Chabra, Abhishek Tongiya, Sameena Turakhiya, Amit Jain, Sumit Tiwari, Amrit Parashar, Rakesh Soni, Parul Churasiya, Ranjeeta Singh, Rakesh Singh, Meenakshi Lakhwani, Mohit Agrawal, Pranjal Karpe, Luv Paliwal, Ashish Purohit, Hitesh Hardiya, Suchit Singh, Vijay Pathak and many more in all the fields.

The course outcomes of all the courses have been clearly defined as it gives an insight to the students for selection of the course of interest. The course outcomes are available in the library along with other information of the subjects. The COs are also available to the admission and counselling cell so that they can guide the students who wish to take admission and need to know about the scope and future prospects. Our institute website can also be visited for the COs of the courses running in our institute.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	[View Document](#)
Past link for Additional information	[View Document](#)

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

The proof of outcomes is adequately provided by our alumni being placed in varied fields and their achievements. The track record of our alumni speaks about the outcomes we have achieved in all these years. Our alumni are flourishing in all the fields of life. Our students are holding high positions in Pharmaceutical, Food, Civil Administration, Police services, Forest services, print and electronic media, advertising, taxation and accounting sector and stock market e.g. Abhishek Tongia, Rakesh Singh, Atul Singh Baghel, Himanshi Joshi, Ratna Chouhan, Luv Paliwal, Shashank Vyas, Namrata Diwedi, Sarthak Khandelwal, Kanishk Sharma, Gajendra Singh Yadav, Nikhilesh Ranka, Rishabh Kumar Shrivastava, Parul Chourasia, Vivek Khandelwal, Harsh Shrivas, Devyani Dagaonkar, Kanish Shukla, Mumuksha Paliwal,etc.

More fruitful than this is the regular involvement of alumni in helping the current students for training and recruitments. Alumni students visit our institute on a regular basis and interact with current students to share their real world experiences. Abhishek Jain (Procter & Gamble), Dushyant Singh Baghel (Nucleome Informatics), Nitesh Jasani (Jaiv Vatika), Nirmal Badgujar (Agro Solvent Products), Dev Wadhwani (Glance Studio and photography; Shadi Ka season-Wedding Magazine), Rakesh Dawani (Indori Zayka; Bhopali Zayka), Amogh Bhatnagar (Medha Innovations) are a few among many.

Another important milestone is the result and our meritorious students. Every year students earn their positions in DAVV merit list. Preeti Jaiswal, Narendra Kumar Tiwari, Ekra Bee Sayyed, Nirmal Badgujar, Devika Badlani, Siddarth Shukla, Kum. Deeksha Pandey, Kum. Kashika Suneja, Manisha Malik and many more. Our final year results range from 90 to 100% which marks efficient attainment of outcomes. There have been numerous gold medallists also from our college in earlier years also. Varsha Puruswani (2009), Neha Dwivedi (2010), Seema Paliwal (2011), Neha Rajdev (2013), Neha Fernandez etc.

The students are assessed for their practical skills by pre-practical and practical examinations. The students are thoroughly examined during practical examination in internal and external viva to assess their learning. Students doing research projects are intermittently examined for their findings.

Continuous cumulative evaluation (CCE) is done for all the students to check the depth of knowledge they have gained. Teachers adopt different methods for internal evaluation such as objective theory tests, objective type tests, group discussions, classroom teaching, power point presentations etc. Students are also made to share the knowledge they have gained in conferences, workshops, seminars they have attended in other institutes or during educational tours. This portrays their grasping ability, extent of retention and understanding. The university final exams also give us indication of the outcomes.

File Description	Document
Upload any additional information	View Document
Paste link for Additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 91.99

2.6.3.1 **Number of final year students who passed the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
744	582	446	340	318

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
744	585	504	388	377

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.12

File Description	Document
Upload database of all currently enrolled students (Data Template)	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 16

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
16	0	0	0	0

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 26.32

3.1.2.1 **Number of teachers recognized as research guides**

Response: 10

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 20

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

3.1.3.2 **Number of departments offering academic programes**

2020-21	2019-20	2018-19	2017-18	2016-17
5	5	5	5	5

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Paste link to funding agency website	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The institution's vision of empowering students with knowledge is synchronized by regular working and special activities which creates ecosystem of innovations and knowledge transfer as listed below:-

Orientation Program

New commers are oriented in the beginning of the session for all the events which shall take place throughout the year.

Health Awareness Camp

Health awareness is spread among students and teachers through dieticians, dentists, aerobics and zumba trainers along with health check up.

Research Projects

Government funded research projects are taken up by teachers. PG and UG students are encouraged to take up innovative research projects. Students are trained to plan and execute experimentation meticulously where they work on a specific problem and report the findings scientifically.

Conferences

Conferences are organised regularly where expert speakers are invited to share latest technologies and update the students and teachers. Students present their research work in International and National conferences which enables them to transfer the knowledge reserve generated here to the entire world.

Publications

The findings are shared with the society through research paper publications. Students of Biosciences find new microorganisms of environmental and economic importance. They are identified by sequencing and the sequences are submitted at National Centre for Biotechnology Information (NCBI). These cultures are also deposited at National Collection of Industrial Microorganisms (NCIM).

Educational Tours

Regular educational tours are organized to attend conferences and workshops, visit research institutes and industries in different parts of the country. Students' grey matter is enhanced conceptually by attending expert lectures, learning technical skills and presenting their research work.

Skill Development Workshop

The expert speaker from Udhyamita Vikash Kendra, MSME, Nationalized banks are invited to train student in technical and professional skills or for loan facilities to establish a start-ups.

Entrepreneurship Awareness Camp

We organise Entrepreneurship Awareness Camps in collaboration with MPCON for inculcating the urge and nurturing the student's wish to be an entrepreneur.

Teachers as Resource Persons for Knowledge Transfer

Teachers have delivered expert talks topics related to their expertise for Guest Lecture, Invited Talks in Conferences, Seminars, Webinars and Radio talks.

E- Resources Generated by Faculty Members

Our teachers have contributed to knowledge spread by preparing video lectures on numerous topics in collaboration with EMRC, DAVV, Indore. Teachers have transferred knowledge through Swayam portal for MOOCS courses as Course Coordinators.

Pearl Culture Workshop

Students who attended the Pearl Culture workshop at…. they conducted a workshop in the college for students and teachers.

The Techno Plant

Techno plant is an innovatively designed ornamental decoration piece which has money plant grown in a test tube by plant tissue culture. This does not need watering and can be kept on table or at patient's bedside for months together giving a soothing appearance.

Srijan Workshop

Teachers work as mentors and trigger the students to apply technology and convert waste into creative ornamental decoration items. Dr. Monica Jain has guided students in developing hanging plantation designs using waste plastic bottles and bamboo shoots.

Industrial Consultancy for Knowledge Transfer

Teachers in our college also have collaborations with industries where they are involved in transferring technical knowledge for industrial processes.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 11

3.2.2.1 **Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	2	4	2	2

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 2.5

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

Response: 25

3.3.1.2 **Number of teachers recognized as guides during the last five years**

Response: 10

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 1.29

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
18	4	5	5	11

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 1.35

3.3.3.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
4	15	12	8	6

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

We believe in all round development of the students where the students must not only be taught but educated for life. To fulfil this aspect we carry out various events.

Anti Alcohol Drive

Anti alcohol drive, an important activity conducted by our institute, was a silent protest to move a wine shop away from the vicinity of college. It's presence could create nuisance for nearby educational institutions. All the students, teachers, Principal, Director and CEO of our college participated. We all use to pray that may GOD shower his blessings on shopkeeper and enlighten him to understand that presence of wine shop in the vicinity of educational intitutes & hostels is absolutely unacceptable. In this drive our neighbouring institutions with us requested the local administration to help in this matter. Eventually GOD favoured us and the shop was shifted to New Ranibaag, Khandwa Road, Indore.

Paper Bag Distribution at Rajwada

Our institute has engraved the name of institute in **Golden Book of World Records** by distributing 1,72,450 paper bags at rajwada, Indore. Students conveyed the message of restricting the use of polythene bags by performing skit at rajwada, a historical place in Indore. The event witnessed active participation of students to make the shopkeepers in the rajwada market aware of ill effects of polythene and distribution of paper bags.

Digital Payment Awareness

Besides spreading awareness on cleanliness and hygienic lifestyle through NSS our students trained the rural residents and shopkeepers for digital payment services such as phone pay, google pay and paytm. This activity was overwhelmingly appreciated by the rural residents because immediately after that Covid 19 pandemic appeared and they could make use of it in these trying times.

AIDS Awareness Program

World AIDS day is organized every year to develop empathy for people suffering from this disease and controlling the it's spread by performing skits, inviting experts for talks or poster competition.

Traffic Awareness Program

Following traffic rules and making the society understand the importance of traffic rules is an important social issue. Students of our institute participated in community policing program and helped in traffic management in January 2019.

Annual Function Theme

We try to inculcate life values in the students by training them to be considerate for others. The students are taught to take care of elders, needy people and respect them not only at their homes but outside also. Every year in Annual Function we pick a theme which grooms the personality of students inside out such as Old is Gold in 2016-17, Indian rulers and freedom fighters in 2017-18. Our 25th (2018-19) Annual Function carrying the theme Pinnacle Professionals was dedicated to all the individuals who have contributed to the successful standing of our institute. Indian rich tradition and culture was celebrated in 2019-20. Our students visit orphanage, old age homes, blind, deaf and dumb schools to spend time with them and share gifts. We also invite these special students to our college in programs.

NSS Activities

Numerous NSS activities are carried out to sensitize students at different tangents. The list is attached herewith.

File Description	Document
Upload any additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 2

3.4.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	1	0	1

File Description	Document
Number of awards for extension activities in last 5 year	[View Document](#)
e-copy of the award letters	[View Document](#)
Any additional information	[View Document](#)

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 47

3.4.3.1 **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
16	12	6	05	08

File Description	Document
Reports of the event organized	[View Document](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	[View Document](#)
Any additional information	[View Document](#)

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last

five years

Response: 21.27

3.4.4.1 **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
415	512	265	485	458

File Description	Document
Report of the event	[View Document]()
Average percentage of students participating in extension activities with Govt or NGO etc	[View Document]()
Any additional information	[View Document]()

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 18

3.5.1.1 **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	6	7	2	3

File Description	Document
e-copies of related Document	[View Document]()
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	[View Document]()

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 42

3.5.2.1 **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
16	14	4	4	4

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

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Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

The institute is spread in an area of 10 acres which includes constructed area as well as playgrounds. Campus has three building constructions having classrooms, laboratories and offices. The land area includes gymnasium, swimming pool, volley ball court, basketball court, parking area, seminar hall and open air canteen. The playgrounds are surrounded by cement-concrete roads and plantation area. The open area of about 500000 sqft. is left for further planning and construction.

The design of building allows proper ventilation in classrooms and well-lit corridors. There are 15 classrooms and 7 laboratories. The laboratory establishment speaks by itself about its facilities.

Chemical Sciences laboratory is adequately cross ventilated having 40 work stations for students. Intensive technical training of students is done on a range of instruments such as UV-Vis Spectrophotomer, Polarimeter Polarograph, Karl Fisher Titrator, Flame photometer, Nephalometer.

Biosciences laboratory is a remarkable structure in itself having 44 workstations for students. They become efficient in handling Cooling Centrifuge, Laminar air flow, PCR machine, UV-Vis Spectrophotomer, Orbital Shaker, Environmental Incubator and autoclaves and learn microbiological, molecular biology, biochemical, immunotechniques, plant tissue culture and other experimental methods.

Computer Science lab is well equipped with latest configuration machines. Students skills are developed using Ubuntu and Windows 7. We train students using various databases like oracle and Wamp Server.

Physics laboratory holds 20 work stations in basic lab and 20 in dark room, the optics laboratory. Both the labs are effectively equipped for physics practicals related to measurement, optics and electronics. Specially designed Optics laboratory can facilitate benchmark level light experiments.

Electronics laboratory is well equipped for conducting graduate level Electronics practicals where students develop skills related to modulation, simulation, basic and digital electronics and assembly language programming on microprocessor.

Wifi connection is available in the entire building. All the laboratories along with room number 1,2,3, 5,6,7, 11,12 and 13 have LAN facility. LCD projectors are issued to all the departments. White boards for projection are present in many classrooms and laboratories.

Seminar Hall

Well furnished, air-conditioned Seminar Hall with sound system, LCD projector, LAN and wifi facility to accommodate 120 members.

Gymnasium

Important equipment for students' fitness and exercising are available in the gymnasium.

Faculty staffroom

Commerce and Management, Mathematics and Language department teachers have comfortable staffrooms on the ground floor which is equipped with LAN connected computer systems for their day-to-day work.

Library

Library has separate issue and reference sections. We have 14501 books and 3401 titles. We have an e-resource centre where students can search study material using internet.

Sports

Students are trained to participate in various indoor and outdoor sports. We have valley ball court, basketball court, table tennis court, cricket and football ground, swimming pool and gymnasium. Students participate every year in intercollegiate level, university, division, state and national level from our college in various sports.

Others

There are video camera and CCTV covering the campus entrance and ground which is connected with the recording set in the office. There is a DG set for the use in White building.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

Academics suffced with total personality development is focussed at Maharaja Ranjit Singh College of Professional Sciences. The institution ensures optimum participation of students in cultural, literary and sports and other activities by circulating prompt information about inter and intra college events through notices circulated and announced by class teachers in each class encouraging students to participate. Facilities such as practice halls, mike systems, playgrounds and sports equipments are made available to the students as an when required.

Optimum productivity of an individual can be delivered to the society only by multidimensional personality development. Physical activities along with entertainment, play an important role in preparing the student's brain for studies. The enthusiasm of a student is kept high by engaging them time to time in

activities such as Intra and Inter college song and dance competitions, Freshers` and Farewell party, Red Day also known as Friendship Day, skits on some special days and Annual Function. Auditorium is regularly used by students for practice sessions and final day programmes. Friendship's Day celebrated as Red Day is usually conducted in open air space with highly loaded Music system operated by Disco Jockey.

We have collaborated with Mr. Balbeer Singh Kushwah from Volacano Dance Academy, Indore who prepares our students for all these events. Along with solo, group song and dance performances we also conduct theme-based Personality Contest to encourage students to groom themselves as socially responsible citizens. Old is Gold was the theme in 2016-17; Old Age Home residents were facilitated on stage in the Annual Function. The Galore and Valour of Indian rulers and freedom fighters was celebrated in 2017-18 Annual Function. The theme for 25th Annual Function in 2018-19 was Pinnacle Professionals which was dedicated to members of the society and MRSC family members who have contributed to the success of our institute. Indian rich tradition and culture 2019-20 Galore and Valour of Indian Freedom Fighters. Rehearsals for all these events are held in halls vacated for specific time period and the final show of Annual Function is held on a grand stage specially mounted with an elaborate shamiyana.

The cultural facilities within the campus are as per requirement. Auditorium is available for Inter and Intra-college events, Guest Lectures, Seminars, Workshops etc. The movable furniture in classrooms is removed during the week long annual function to generate more space for practice sessions. The college has in-house portable music systems, three in numbers along with mike systems and additional speakers to aid in proper training of students for the annual day function practice and any inter college events such as youth festival.

A complete set of facilities required for various games like basketball, volleyball, cricket, chess, badminton etc. are available and provided for practice session and final events organised within the campus. Gymnasium facility is available and used by teachers and students. Yoga and meditation sessions are organised time to time to channelize the youth energy to attain work life balance.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 16

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 10.81

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
5.48	17.37	8.30	23.04	47.57

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Process of library automation is proposed in near future. We are proceeding by inviting various firms for presenting their quotations. The detailed data regarding books is available in softcopy. A good amount of teaching matter which is used by teachers as ICT tools; the power point presentations, CDs, video lectures etc. are available in e-resource centre for students. There are large number of ebooks available in the library for the use of students, research scholars and teachers. We have a subscription for Inflibnet which is used by all the students, research scholars and teachers. There are more than 1lakh research journals and thousands of books which can be accessed by every one in the institute.

4.2.2 The institution has subscription for the following e-resources

1. e-journals

2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Response: B. Any 3 of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 0.84

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.611	2.58	0.65	0.34

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 0.14

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 3

File Description	Document
Details of library usage by teachers and students	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

With the development in information technology worldwide our campus infrastructure is also upgrading concomitantly. The entire campus is Wi-Fi enabled and sufficient computer systems are provided at points of requirement for administrative and academic purposes.

Our computers labs are well equipped and same facilities are round the clock accessible by the students. We have four computer laboratories. Our computer systems are configured with latest hardware and are connected to our campus LAN. Our campus LAN is connected to the dedicated internet leased line of 40 Mbps with 1:1 contention ratio. The internet connection is distributed to overall campus through number of Routers, Switches and Wi-Fi access points. In all we have 115 computers in computer labs. We have LCD projectors, laptops with latest configurations to provide interactive class room (ICR) teaching to students. We have one additional 40 mbps internet connection RF line also as backup. The students do not access the unidentified sites inside the campus. The students should not download any vulnerable sites that may contain virus. To avoid the vulnerability and to ensure the cyber security college camps Wi-Fi is protected by fire wall so that our camps LAN always remains safe from vulnerable sites and students are not able to access the restricted sites.

Our computer labs are equipped with the following software:

System software:

    a. Ubuntu (Linux)

    b. Windows 7

 Application Software:

  a. MS-Office

  b. DTP

  c. C/C++

  d. VB/VB.net

  e. JAVA

  f. PHP

Database:

   a. Oracle

   b. Wamp server

   c. MY SQL

We have our own organization dynamic website (www.mrscindore.org) having following features:

1. Student Registration
2. Alumni Registration
3. Photo Gallery
4. Subject notes
5. Placement Gallery
6. Current Notifications
7. Notices
8. New & Events
9. Daily update, and many more

File Description	Document
Upload any additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 19:1

File Description	Document
Student – computer ratio	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution

Response: B. 30 MBPS – 50 MBPS

File Description	Document
Upload any additional Information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 53.4

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
72.06	110.3	103.92	107.74	82.84

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View Document](#)
Audited statements of accounts	[View Document](#)

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The laboratories, library, sports equipment, computers are routinely taken care by a respective protocol suitable for them. The maintenance of the entire infrastructure is done through a proper working channel. There are people in-charge in the college office who are suppose to call concerned persons for maintenance work such as electrician, plumber, internet issues, carpenter, computer printer maintenance, gas connections etc.

○

All seven labs are maintained and the equipment, glassware, chemicals and miscellaneous items are recorded in stock registers. Laboratory items are routinely verified after the Annual/End semester exam in May/June each year. The equipments, chemicals, glassware, apparatus or any other item which is required in the laboratories is purchase after calling quotations.There is a system for orienting the student to lab rules and regulations and list of experiments to be performed throughout the year. Students are also regularly instructed and vigilantly assisted by faculty members and lab staff regarding the precautions and dos and don'ts. The lab staffs are instructed by faculty to-do all the preparations for the practical as per the class schedule. A register for issue and use of chemicals, glass wares and instruments as per the case is also maintained. The instruments are regularly cleaned and serviced by the in-house staff. Any breakdown is handled by services from out service vendors.

Library

The library encompasses books of all subjects taught in college in reference as well as issue section. Library stock is updated as and when required. UG students can get the books issued for seven days on two cards provided to them at the start of the course. A PG student gets three cards and can get book issued for 15 days. A provision for fine for late submission is also implemented. Rules for entry and exit of students and maintaining the right behaviour in the library are also informed. To ensure that maximum students use library facilities they are informed during orientation and also encouraged to participate in annual library events during August 12th Library day. An award for the staff and students using library facilities to maximum is also instituted. Maintenance of books in Almeria and stock verification is done by the library staff on yearly basis in May - June.

Computer lab staff regularly maintains all the systems, Wi-Fi connections and other computer peripherals and each of the unrepeatable entity is regularly replaced. The maintenance of printer/scanner re-inking etc. is done by outsourced vendors.

Classrooms

Regular cleaning and maintenance of class-rooms, blackboards, green boards, tube lights fans, benches is done by in house staff. Class IV staff and a carpenter does the required routine maintenance. Electric accessories are maintained by our sourced staff.

Sports facilities

Sports facilities of the college are regularly used and maintained by sports department. Outside vendors and suppliers are entrusted to do the job of maintenance or repair as the case may be. Yearly sports calendar and practice sessions are conducted to match the timings of competitive intercollege - university level, district level and division events.

File Description	Document
Upload any additional information	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 27.55

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
652	730	650	550	361

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 4.72

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
35	130	102	97	114

File Description	Document
Upload any additional information	[View Document](#)
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

    1.**Soft skills**
    2.**Language and communication skills**
    3.**Life skills (Yoga, physical fitness, health and hygiene)**
    4.**ICT/computing skills**

Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 14.19

5.1.4.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
93	202	312	396	361

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	[View Document](#)
Any additional information	[View Document](#)

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5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 4.37

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
6	15	7	44	19

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 0

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 00

File Description	Document
Details of student progression to higher education (Data Template)	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 0

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, *etc.*)) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1	4	3	3	1

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 36

5.3.1.1 **Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	17	6	7	6

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

The quality of all round personality development is quaffed in students by providing them life experience by we involvement students in varied activities. Our college organizes various cultural events round the year and promotes maximum participation of students in the activities organized by the college and activities organized by other colleges. Whenever an activity is scheduled in teachers meeting, teachers address students and brief the students of their respective streams. Students are encouraged to come up as volunteers and help in organizing and executing the event. The students carry out their responsibilities as a result of which they are groomed and trained for future events. Students are divided into teams and given responsibilities in events like Annual Function, Fresher's Part, Farewell Party, Educational Tours, Workshops, Seminars etc. Besides this students are engaged in activities like "Srijan" where they do ornamental plantation by unconventional techniques.

Students Union election a regulated activity was organized in the year 2017 as per government norms. The students elected in the council are regularly involved in all the academic, cultural and extra-curricular activities. The student union elections in the college were not announced any further by state government.

Our students are our ambassadors at International as well as National levels. They are engaged in research on diverse topics and share their findings in the form of publications and presentations at International and National Conferences. Almost every year our college students give oral or poster presentations in conferences. The process of experimental research work, thesis and report preparation, oral or poster presentation preparation enriches the intellectual ability of students.

Health Awareness Camp, Festive Bash and representation in Conferences are some of the highlighting features where students participate maximally and learn professionally. Students perform health checkup of school and college students, teachers, class III and class IV staff of college. They plan and execute the entire event under the guidance of teachers in Health Awareness Camp. Students enthusiastically participate in Festive Bash where they learn to organize, market, present, sell and earn profit from the stalls they put up on this event. They learn the managerial skills and undergo the competitive strategies to prove themselves.

Students are also made to hold responsibilities during educational tours where they learn handling various situations, develop interpersonal communicating skills with strangers and leadership qualities.

There is huge participation of students in cultural, literary and sports activities also. MRSCians not only represent college, university, state and national levels in sports and cultural events but also win awards in various categories. Students have participated in handball, valleyball, kabaddi, weight lifting, debate, singing and instrument playing completions.

File Description	Document
Upload any additional information	[View Document]
Paste link for additional information	[View Document]

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 1713.6

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
21	2858	2420	1818	1451

File Description	Document
Upload any additional information	[View Document]
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	[View Document]

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The process of Alumni Association registration is in progress. Our students are closely involved regularly in numerous activities. We are fortunate to have glorious Alumni background who are excelling in varied fields. The attachment of students towards their alma mater can be very well understood when they come back after passing out and show their willingness to do something for the institute and current students. They visit our department to share their experiences, their current position and their achievements. They not only share with teachers but address the present students to help and guide them for future challenges. Students like Jayesh Niligiri, Dushyant Singh Baghel, Nitesh Jasani, Amrita Jasani, Amogh Bhatnagar, Pramod Gawel, Nirmal Badgujar, Puneet Singh, Swarnima Paliwal, Meghana Kirtani, Sonal Gaur, Gautam Jain, Pranjal Karpe, Priya Vyas, Abhishek Shukla and many more have actively interacted with students upgrading them for job opportunities and internship.

Students like Anshul Singh Chauhan, Dushyant Singh Baghel, Nitesh Jasani, Amrita Jasani have been regularly helping in providing internship or industrial training for graduate and postgraduate students. Visit to the industrial establishment for the production of Microbial Fertilizers and Pesticides owned by Mr. Nitesh Jasani (M. Sc. Microbiology) is a regular feature for our students. He has also been guiding our PG students in research projects. Dushyant Singh Baghel owns a Neuclome Informatics in Hyderabad. He offered jobs and conducted interviews for our students and also initiated a scholarship for students. Our Principal and teachers visited his lab in Hyderabad and exchanged views and promoted his work in genome sequencing research. He also visited us to address the students and guide them to take up jobs in Biotechnology companies. Nirmal Badgujar has established his name in the food industry and has been a continuous help to our students for career guidance and placements. Some students have also signed Memorandum of Understanding with us for exchange of knowledge. Our old students have established the goodwill of our college by working efficiently with different organizations. The authorities of such organizations regularly recruit students from our institute.

We celebrated 25the year of establishment of college in 2018. We organized various events in that year which included a grand Alumni Meet on 16th of December 2018. Students from all over the country gathered in the event, relived their memories and shared their achievements. This event was possible because of determined efforts of students in executive committee. Our students who are not only residing in the city visit and take special lectures but also those living in distant cities and countries enthusiastically participate in events to contribute intellectually. Kinsi Bhasin working for Clarivate solutions in USA delivered her talk in the International Web Conference organized by us. We have lot of students working in Pharmaceutical industries who regularly contact teachers for recruitment in their companies and absorb current students. The belief of our Alumni in the institute is as strong as steel and affection is soft as lotus which goes with our college emblem and is our strength.

File Description	Document
Upload any additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: D. 1 Lakhs - 3 Lakhs

File Description	Document
Upload any additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Maharaja Ranjit Singh popularly known as "Sher-e-Punjab", a benevolent King and leader who united Punjab into a strong nation, was keen educationist and was instrumental in establishing a number of educational institutions for all during his regime. To perpetuate his memory and ideals, Maharaja Ranit Singh College of Professional Sciences, Indore was established in 1994, managed by The Indo Friends Foundation Trust. The focus of the Institute since its incorporation in 1994 has been to impart quality education reflective in its Vision and Mission statements.

The **vision** is, "To impart value added Education of Global standards to help the student work for Competitive excellence and Financial freedom" aiming at inculcating the right blend of values so that the students become responsible citizens contributing to the building of a just society and an integrated Nation. During the course of their education, the faculty encourage and mentor the students to develop holistic skill-sets viz., scientific and professional knowledge, skills and abilities along with an all-round personality supporting the **mission,** "Sarbat da Bhalla" -Good for All.

Specific Objectives

1. Achieve excellence in education through outcome-based teaching learning processes.
2. Overall development of students through a blend of Co-curricular and Extra -curricular activities.
3. Encouraging development of eco-friendly, clean and green campus and city at large.
4. Experiential and participative learning of students through exposure to Industrial visits, Expert lectures, Conferences, Workshops, and peer learning initiatives.
5. Value Addition Programs/ Certification Courses for skill development.
6. Promote research attitude among faculty and students.
7. To prepare the students to face global challenges through integrated skill development.
8. To develop future leaders in various walks of life.

Supportive, committed and visionary leadership to excel in academics and administration through participative management is the pillar of the Institute's governance. In tune with the vision and mission, the institute follows decentralized, participative and transparent management style wherein the teachers are part of the governing body through their representatives. This helps in developing empowering and enabling capabilities of the faculty so that they are involved and can contribute effectively in the decision-making process of the Institute. In fact, along with teaching, the faculty members are encouraged to express their opinions in the department meetings where the department policies are finalized and to associate themselves in several initiatives at all levels. Every member of the faculty and administration is involved in the process of decision making in his/her own capacity within a general hierarchical framework for duties, responsibilities, and rights including HODs for implementing the policies in their department.

This collaborative decision making resulted in proposing of a new stream-Arts to the management which has led to the addition of the B.A. Program in 2019 along with other multiple courses being successfully

run by the Institute. The course curriculum followed is as mandated by the Devi Ahilya VishwaVidhyalaya (DAVV) with which the Institute is affiliated. However, the teachers have the liberty to include recent, relevant topics especially to the industry so that the students develop employability skills necessary for their future success. To achieve this, the Institute aims for strengthening the Industry-Institute Relationship for training and placements of students, several MoU's with various institutes and industries that empowers the process. Apart from these upgrading the quality of faculty through FDPs, Orientation Programs, enhancing the research and development activities are scheduled thereby creating Center of Excellence.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

The Institution has a culture of decentralized governance system with well-defined inter-relationships that is reflected in its leadership. Institute delegates adequate and systematized authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are formed for the various curricular/co- curricular/extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of students and faculty.

The management of the college rests with its Governing Body whose members are appointed as per the prescribed guidelines. These members are:

1. Chairman (1)
2. University Nominees (2)
3. Government Nominee (1)
4. Teachers Representatives (2)

 The Principal is the academic and administrative head of the Institution and also the member secretary of the Governing Body. The Course Coordinators, Activity Coordinators and Heads of Departments are responsible for the day-to-day administration of the departments and report directly to the Principal. Additionally, every department delegates various duties among faculty members which play an important role in various institutional functions such as conduction of seminars, experiential learning, health awareness camp, industrial visits, educational tours etc.

Effective leadership is reflected in employee's engagement and involvement with their roles and commitment towards the organizational goals. This can be achieved by expressing trust and confidence in the employee abilities, encouraging them to perform tasks creatively, take decisions and be accountable and responsible for their performance. An effective leader has the ability to make the employees feel recharged, energized and can inspire positive changes among them. The focus is not only on achievement of tasks but importantly helping the employees to succeed and empowering them to become leaders themselves. Inspiring students to achieve outcomes and add value in real corporate world is a crucial aspect of their development along with teaching the prescribed syllabus.

Following major committees work under the leadership of the Management and Principal.

Institutional Committees

1. Governing Body
2. IQAC
3. Anti-ragging Committee & Squad
4. Admission and Counselling Cell
5. Grievance Redressal Committee
6. Committee For SC/ST
7. Minority Cell
8. OBC Cell
9. Construction and Maintenance Committee
10. Monitoring Committee
11. Women Redressal Committee

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The Institute deploys strategic plans for development aligned with the Institute's Vision and Mission. The plans are developed by a group of people involving the Management, Director, HOD and senior faculty members of the Institute in consultation with IQAC. The strategic plan below was developed and deployed for the coming years, keeping in mind the needs of the students, changing industry scenario, competitive market etc.

1. Effective quality education with continuous learning
2. Implementing student centric learning processes for continual academic performance and results
3. Proposed Research Centre for Commerce, Management and Biological Sciences
4. Applying for NIRF Rating
5. Increasing the percentage of faculty with Ph.D. qualification
6. Enhancing the employability skills of students for effective placement
7. Signing MoU's to increase industrial collaborations at National and International level for industry relevant skills
8. Awareness among students for societal responsibility and sustainability activities

Example activity implemented successfully on the basis of Strategic Plan mentioned below is: The B.A. Program

The journey of the Institute started in 1994 with the establishment of the Science department which offered courses in Microbiology and Pharmaceutical Chemistry. Thereafter progressing steadily, other undergraduate courses in sciences as, Computer Science, Information Technology, Physics, Maths, Electronics, Biochemistry, Life Science and other diverse streams as B.Com., BCA and BBA were also added widening the portfolio of courses being offered in the Institute. With the changing global scenario, new policies and programs were introduced by the government at the National, Regional and State levels focusing on increasing employability, outcomes and income opportunities for the youth in India. Consequently, it was realized that for the holistic development of students' Arts stream should also be included among the variety of courses being offered by the Institute. After the approval of the Governing Body, proposal was submitted to Devi Ahilya VishwaVidyalaya (DAVV) and the Department of Higher Education, Madhya Pradesh. The authorities granted permission and the B.A. Program began in 2019 along with other multiple courses being successfully run by the Institute. The course curriculum followed is as mandated by the Devi Ahilya Vishwa Vidyalaya (DAVV) with which the Institute is affiliated. Apart from this, the perspective plans of the Institute include, upgrading the quality of faculty through FDPs, Orientation Programs, enhancing the research and development activities thereby creating Centers of Excellence.

File Description	Document
Upload any additional information	[View Document](#)
strategic Plan and deployment documents on the website	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The institute-Maharaja Ranjit Singh College of Professional Sciences has a well-defined, formalized organization structure under the able direction of Indo Friends Foundation Trust that oversees the smooth

functioning of the administrative and academic process of the institute. For the effective and efficient functioning of all the administrative as well as academic activities, the institute's Trust has adopted a decentralized approach, wherein the Trust regulates the overall functioning of the institute through the Governing Body (GB) at the institute level. The Governing Body (GB) monitors the day-to-day functioning of the institute through the top management and takes necessary decisions and actions as and when required. The body has 10 members including the Chairman and Secretary of the Trust, the institute founder and managing trustee, 1 invited member nominated by the government (Government representative), 2 invited members nominated by the university (DAVV), 2 representatives from the teaching faculty and Head (Principal) of the Institute as the Member Secretary. The Chief Executive Officer (CEO) of the Institute is both the secretary as well as member of the Indo Friends Foundation Trust and Governing Body respectively. Presently the Chairman is Dr. Ram Shrivastava, Dr. R.S. Makhija-Founder and Managing Trustee, Dr. Suresh Silawat- Government representative, Dr. A.V. Bajaj and Dr. Rekha Gadre (University representatives) and Dr. Dipak Sharma and Dr. Pushpendra Dubey (Teacher's representative).

The Principal of the Institute is the head of administrative and academic activities and in conjunction with the Course coordinators, Heads of departments, Activities coordinators and the IQAC Committee monitors the overall functioning of the institute for its academic, administrative and financial growth. The Course Coordinators (CC) for each course designs, plans and implements the academic curriculum as per the university guidelines and is responsible for the successful and timely completion of the academic and administrative activities and reports to the Principal. Each department has a Head of Department (HOD), additional faculty, lab-staff, non-teaching staff, Class IV staff to conduct the academic and administrative activities. For the support function, the Institute has Accounts officer, Library, Training and Placement, Security, Counsellor etc. designated in charge who reports to the Principal.

Service rules as enforced by the government and the affiliating university (Devi Ahilya ViswaVidyalaya) and UGC are followed. For recruitment and promotions, the policies and rules defined by the statutory bodies are followed and decisions are taken on this basis.

File Description	Document
Upload any additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: C. 2 of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

Maharaja Ranjit Singh popularly known as "Sher-e-Punjab", a benevolent King and leader who united Punjab into a strong nation, was keen educationist and was instrumental in establishing a number of educational institutions for all during his regime. To perpetuate his memory and ideals, Maharaja Ranit Singh College of Professional Sciences, Indore was established in 1994, managed by The Indo Friends Foundation Trust. The focus of the Institute since its incorporation in 1994 has been to impart quality education reflective in its Vision and Mission statements.

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File Description	Document
Upload any additional information	[View Document]

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 1.91

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	1	0	1	1

File Description	Document
Upload any additional information	[View Document]
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	[View Document]

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 0.2

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	1	0

File Description	Document
Upload any additional information	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 2.9

6.3.4.1 **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	0	0	1

File Description	Document
Upload any additional information	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

Quality teaching is assured from quality teachers and progress of Institution is directly correlated with the teaching quality it delivers to the students. Teachers quality performance are the basis of appraisal which is offered to them by the management of the Institution and our Institution follows a fool proof mechanism for appraisal based on their performance. Such system helps in motivating faculty staff members and making them focused towards specific objectives. The process of appraisal is scheduled twice a year in consultation with concerned faculty member.

The performance is evaluated by Principal and CEO taking the concerned individual in confidence,

followed by analyzing and discussing their strengths, weaknesses, opportunities and threats. This includes their academic qualifications and further upgradation by enhancing their knowledge through refresher courses or higher degree courses. The teachers are assessed on the basis of their academic excellence, effectiveness in class room teaching, their teaching work load including theory and practical classes, their dealing with the students, trouble shooting their problems and coming up with best possible solution. The teachers are expected to identify and work on weak students giving special attention for their academic upliftment and simultaneously working on better performing students to obtain merit positions in University exams. On the other hand teachers performing research in their subject and also motivating students to perform research are greatly encouraged. The basic objective is that faculty members remain update with the latest happenings in their area of work and pass on to the students as well. Getting funded research projects or providing consultancies to Industries and other Institutions are also appreciated greatly. Publication of their research in quality high rated journals is also encouraged and considered for appraisal. The appraisal also covers teachers dedication in routine practices of examination conduction, university exam answer sheets evaluation, guiding students for their projects and assignments, counseling students and developing a connect with them in order to bring out their best potential in all avenues. Contributing novel ideas and techniques for practical teaching, ICT tools enhance their performance as teachers. In addition, contribution to corporate life of college by organizing co-curricular and extra-curricular activities for students, Sports, NSS involvement in various activities, team work, leadership and extent of job readiness is preferred for a sound appraisal.

Nonteaching staff provide a strong back end support for growth and systematic functioning of daily routine of college procedures. Their appraisal is based on their effective support to students and teachers. The lab staff is appreciated for their work in keeping lab equipments and state of art in its maintained form. Supporting and helping students by providing them with necessary requirements for timely completion based on their timetable. The Library staff is inspired by updating book records and developing and maintaining technology based students books issue and return system. Class IV staff is motivated for their dedicated services towards the physical functioning of the Institution.

File Description	Document
Upload any additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The Institute regularly conducts internal and external financial audit. It has separate Accounts Department with a designated -Financial officer to ensure maintenance of annual accounts and internal audit. The audit mainly covers, receipts and payments, salary, income and expenditure, gratuity, purchases etc. All the observation and objection if any from the internal audit is communicated through the report to the Management and the Financial officer and accordingly rectification and compliance report is generated and submitted to the Accounts Department. The Ryan Financial Advisor-a Customized software helps in the internal audit. As such no formal budget is sanctioned for the different departments. However, as per requirement, the budget is sanctioned and funds released to the HOD of the department who in turn gets

the approval from the sanctioning authorities, namely the Principal and the CEO. Bills are there upon submitted by the departmental head to the Accounts Department to ensure maintenance of the accounts.

External/Statutory audit is conducted Chartered Accountant (CA)- Anil Kamal Garg & Company who has been appointed by the Managing Committee to carry out the audit. The external audit covers all financial and accounting activities of the institute like all receipts from fees, employee remuneration and benefits, administrative expenses, repairs and maintenance, financial expenses e.g., to vendors, contractors, students' activities, and other service providers and depreciation. External auditors also audit store records, library records, employee attendance records, tax calculation etc. After the completion of the audit, the observations and objections if any are submitted to the institute in the Audit report.

File Description	Document
Upload any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

The Institute has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purpose which help ultimately in realizing the Institute's vision and mission. Necessary provisions are made in the books of accounts towards efficient use of the funds available for each academic year. As per the guidelines of the Management and Principal, a report of budget sanctioned and actual expenditure are regularly maintained. The Institute has a well-defined procedure to monitor effective and efficient utilization of available financial resources for infrastructure development and academic processes. Every year, the funds are set aside so as to fulfil the

requirements of the different Departments. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumable required for the academic session. Principal puts up the budget to the Management and after discussion and necessary corrections/modifications Management recommends the budget for approval. As and when required, the Institute makes a provision for advance additional funds. The Principal and the Head of Departments discuss the requirement and decide the priorities while allocating financial resources for various purposes; and also ensure optimum use of available financial resources. The Management studies the annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources. The Institute has standardized procedure for sanctioning of funds for various activities including payments to be made to visiting faculty and also for settlement of advance and passing of bills for payment. For this, the faculty /staff members submit their requisition to the HOD of department which is subject to approval by the Principal. After approval by HOD, the purchase requisition (PR) is brought to the Store Manager for the scrutiny and his approval. Thereafter, final approval is made by the Management. After approval of PR by the CEO, Purchase team will process ahead to formulate Purchase Order for purchasing the materials from the approved vendor. A quotation may be invited from another vendor as per requirement. Purchase team will negotiate with vendor for both technical and commercial discussion. Purchase team will take approval of authority and generate purchase order and purchase order is sent to the vendor along with an intimation to the concern department and store for receiving delivery of materials and payment process. After delivery of material at Institute, store department registers the materials which are then subsequently delivered to respective department for utilization of the same.

File Description	Document
Paste link for additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

To supervise and monitor the quality of academic learning and administrative activities such as academic planning, internal examinations, trainings, placement, industry alliances etc. and to undertake the accreditation process, the Internal Quality Assurance Committee (IQAC) was established on 24-7-2019 as per the norms of NAAC guidelines, by the approval of the Governing Body. Since then, IQAC is actively involved in the planning and execution of quality initiatives. For the smooth implementation and continual improvements of quality initiatives, the members of committee conduct regular meetings to frame different quality strategies, policies and plan various activities to achieve the mission of the Institution. The quality initiatives taken up by IQAC are:

1. Strengthening the Mentor-Mentee programme wherein each teacher as a mentor meets their allotted students on a regular basis and communicates the overall performance of their respective mentees to their parents. Implementation of this strategy can be witnessed in improvement in the

student's performance in academic and other activities which has been beneficial for institutional growth.

2. Incorporation of ICT tools for enhancing students' learning quality
3. Continual development of faculty through FDP's, Professional workshops/seminars, Conferences etc. (using online resources also)
4. Encouraging and supporting research paper and poster publications for consistent research and development
5. Add-on courses and skill enhancement programs for students
6. Preparation for obtaining NAAC accreditation

Most of the indented initiatives are progressing well as planned. Out of the many initiatives, the following two activities initiated and monitored by the IQAC explain the same.

Activity 1: Addition of BA Program among the portfolio of courses being offered in the Institute and Skill enhancement programs for employability.

With the changing global scenario, new policies and programs were introduced by the government at the National, Regional and State levels focusing on increasing employability, outcomes and income opportunities for the youth in India. Consequently, it was realized that for the holistic development of students' Arts stream should also be included among the variety of courses being offered by the Institute. Thus, the B.A. Program was started in 2019 along with other multiple courses being successfully run by the Institute.

To develop the employability skills in students as per the specific industry needs, two skill enhancement programs covering finance and marketing fields were conducted. These were: Bajaj Finserv Certification course in finance and insurance sector and Digital Marketing in marketing field. The course duration was 120 hrs. and 30 days respectively. Certificates were awarded upon successful completion of course.

Activity 2: Incorporation of ICT tools for enhancing students' learning quality

Globalization along with continual changes in technology has resulted in increased demand for soft skills and computer knowledge in the students along with their domain knowledge by the industry. Consequently, to fill the gap between curriculum and contemporary needs, IQAC initiated a drive to conduct skill enhancement programs in ICT and computing skills to enhance the employability skills of the graduates. In addition, faculty were encouraged to adopt various ICT tools in their teaching to augment the students' learning quality. Twenty-two teachers have prepared their PPT's on various topics covering their syllabus and incorporated latest online practical trends also as Mentimeter etc. for enhancing interactive engagement with the students.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations

and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The institute is actively engaged in nurturing and fostering quality education to meet the needs of the industry as well as encourage research and innovation among students through a well-structured curricular delivery coupled with a review process to take preventive and corrective actions through IQAC. Despite the challenges experienced due to COVID -19, the institute continued imparting learning through online mode wherein the faculty worked tirelessly to include experiential activities for active student engagement. The IQAC monitors and reviews the teaching-learning process structures, methodologies, and learning outcomes and evaluates through following standard methods:

Developing the Academic and Activity Calendar: The institute prepares academic calendar based on the university academic calendar for the various courses. These also include several events like guest lectures/seminar/workshops etc.

Keeping record of daily academics: Faculties keep the record about mode of content delivered in particular lecture along with chapter name and subtopics.

Preparation of teaching plan: All the faculties prepare teaching plan of allotted subjects with guest lectures/industrial visits etc. before start the semester.

Student learning outcomes: Under the guidance of IQAC, institute regularly monitors the students' performance on the basis of following points.

1. Regular class tests
2. Sessional and continuous mode evaluation consists of assignments, seminars, internal tests and group discussions.
3. Odd and even semester examination
4. Providing chapter notes
5. Overcoming student grievances.
6. Fulfilment of 75% Attendance in each semester
7. Extra classes for slow learners

Effective evaluation of examination: Institute maintains proper evaluation process for internal examination.

Result analysis: Institute analyzes the student performance through semester results. Faculties with good subject results get appreciated and if result shows in average, then necessary steps are taken through IQAC.

Incremental improvements:

1. Placement increased.
2. Increased in number of Ph.D. holders.
3. Organizing in-house workshops/seminars/FDP program for the improvement in teaching methodology.
4. Conducting workshops/seminars/FDP programs even during COVID in online mode. These also included conducting virtual industrial visits for student development.
5. Improved result analysis and maintaining student university rank.
6. Ensuring a stimulating, research environment that enhances the research skills of staff and students.
7. Improving participation of students in co-curricular and extra-curricular activities.
8. Increase in the internet bandwidth from 20mbps to 50mbps and more.

File Description	Document
Upload any additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: C. 2 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

1. **Annual gender sensitization action plan**

 The women cell should serve as a fundamental platform for all the sexes to discuss problems and come about with solutions. A cell is composed of male and female teachers, Women cell will enable communication of problems and other issues faced by students. Such committee will reassure the idea that gender issues should not be appreciated and allowed on campuses.

Easy redressal procedure-

Being well aware of gender issues we focus on the solutions. Having gender sensitizing cell and committee will not suffice but having easy redressal procedure will complete it. This can be done by having an online portal to file complaints or register at the principal's office and the cells. Having easy redressal procedure is to enable students to speak up which is necessary to spread awareness of the issue among their peers.

Workshops and discussions-

Conducting workshops by various organizations who work in the field enables students to know the reality outside campuses as well. Sessions of debate, discussions, seminars and conferences will help enable spreading awareness about the issue further.

1. **Specific facilities provided for women in terms of;**

Safety and security-

Our college is very attentive towards for girls and female faculty members. We organize activities like self-defense program, seminars, webinar and other extra-curricular activities. IN the begining of the session, we conduct a self-defense program and girls' safety motivational speech by our experienced senior faculties and our guests. College has a special cell called WOMEN CELL for girls' safety and security where they can discuss their problems freely. The members of this cell are-

NAME	MOBILE NO.	POST	POSITION
Dr. Anand Nighojkar	9826780505	Principal	Chairman
Ms. Shifa Goyal	9926778733	Professor	Secretary
Dr. Lal Kumar	9300503127	Professor	Member
Dr. Geeta Saneja	8989625141	Professor	Member
Ms. Richa Joshi	9754736365	Professor	Member
Dr. Deepti Sethi	9827935888	Professor	Member

Counseling-

We have counseling cell for every student. If any students (girls either boys) have some related to his/her study, personal or any other problem of the college, they came to counseling cell and discus about their problem to member of counseling cell.

Common room –

We have a common room for girls to be safe and secure so they can use it for their different activities like-discussion during examination, preparation for various activities and sometime their personal gossips.

Day care center for young children –

As such there is no specific day care center in our college but college management is always supportive towards their teacher to take care their young children. Teachers can come with their children in emergency conditions. During class timing class IV staff take care of their children.

Any other relevant information –

College has allotted mentors for students. Students feels free to discuss their personal problems to the mentors. These mentors are like local guardian for students. During medical emergency we convert common room in to sick room for a time period. Transport facility is also available for students from college to hospital in any medical emergency.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)
Link for annual gender sensitization action plan	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: D. 1 of the above

File Description	Document
Geotagged Photographs	[View Document](#)
Any other relevant information	[View Document](#)
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

With the motto of Swacch Bharat Abhiyan, waste management has been one of the top agenda of the College for a clean and green campus. The College follows the principle of reduce, reuse and recycle. The College Management and Staff have taken significant initiatives for waste management. The College has Green Audit Committee which monitors solid waste, liquid waste, e-waste generated and sanitization on campus. A dedicated team of workers are responsible for maintaining cleanliness on campus.

Solid waste management

Waste generated through routine activity in the College that includes paper, plastics, glass, metals, foods, etc. is segregated on the basis of biodegradable and non-biodegradable waste. Blue and Green dustbins (pedal-pushed) are placed in the premises. Blue colored dustbins are kept for dry waste collection while green dustbin for green waste at every class room of the college. Composting facility is available for managing biodegradable/horticulture waste. Vegetable solid waste generated from college canteen and Mess kitchen handover to Nagar Nigam Van on regular basis. Various awareness campaigns such as Swacch Bharat, Clean and Green activities, and plantation program organized under NSS Unit.

The College also manages plant waste by utilizing for preparation of Bioplastics under the project funded by Science and Engineering Research Board, Department of Science and Technology, Govt. of India, New Delhi.

Liquid waste management

Liquid waste generated from different Departments of the College passed through primary sewage treatment plant installed in the college premises. The treated sewage reused in the Garden area for watering the plants.

Biomedical waste management

Biomedical waste generated from Biosciences laboratory and Life Science Laboratory. Sharps items e.g. needles, scalpel, blades, slides, cover slips etc. contaminated with biological waste items are deactivated by autoclaving. Students discard these items in the red container that is leak-proof and labeled with the biohazard symbol.

Microbiological culture media are handled by trained personnel only. After segregation, culture medium is safely sterilized by autoclaving at 121°C for 30 minutes. After autoclaving, media disposed of through normal waste disposal procedures.

All biological waste supply to Nagar Nigam Van after sterilization.

E-waste management

E waste including wide range electronics, computer, electrical such as printer, CD, DVD, Key Board, Mouse manage by their optimum use. The College takes efforts to minimize e –waste by repairing them. The non-working instruments, computer, printer, key boards, mouse, batteries etc. consider as scrap items on recommendation of e waste management committee. E-waste is generated in minimal amount in the college and the same is given to registered vendors, with an undertaking that the same will be processed or recycled in an environmentally sound manner as per the Government of India guidelines.

Hazardous chemicals and radioactive waste

Agarose gel containing low concentration Ethidium Bromide collected in separate poly bag and disposed in red container. Hazardous waste generated from Chemical Sciences laboratory disposed in the black bin.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: B. 3 of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions / awards**
5. **Beyond the campus environmental promotion activities**

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certification by the auditing agency	[View Document](#)
Certificates of the awards received	[View Document](#)
Any other relevant information	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Our institute provides a great environment and encouragement for every student and faculty member by adopting tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Activities such as sports activities, cultural activities are organized by our college to promote harmony. In sports, activities like- Kabaddi, Cricket, Kho-Kho, Football, volleyball are organized by the college. By this we are trying to enhance the interest of students in sports to make a career in the sports field. Our institution organizes versatile cultural programs every academic year. Days like Women's Day, Yoga Day, Red day and many more commemorative days are celebrated in college. We all enjoy our regional programs too in college campus which are organized by the institution. Regional programs like – Garba Night, Makar Sankranti Basant Panchami, Guru Nanak Jayanti, Ganeshotsav and Holi are celebrated

in our college.

GANESH UTSAV (21 to 23/08/2017 and 26 to 29/08/2016 & (06 to 10/09/2018)

The festival of Ganesh Chaturthi is celebrated every year in the college campus as the birth anniversary of Lord Shri Ganesh. This festival lasts for about 10 days. Eco-friendly idols of Lord Ganesha are enshrined, whose immersion is done with great pomp on the day of Anant Chaturdashi. Aarti is performed every day and Prasad is distributed.

GARBA DAY (08/10/2016)

Navratri is concluded every year in the form of Garba day in the college campus in which students and teachers play Garba with great enthusiasm.

MAKAR SAKRANTI

The festival of Makar Sankranti is celebrated every year in the college with kite flying. Female Staff Members Celebrating Haldi Kumkum with gud and til.

HOLI (FAG MAHOTSAV)

Students celebrate eco-friendly Holi in college campus using eco-friendly colors.

BASANT PANCHMI

Basant Panchami is a festival celebrating Sarasvati, the goddess of knowledge music and arts. To celebrate Basant Panchami intra and inter college dance and music competition or poetry recycle are organized in the college.

GURU NANAK JAYANTI

Guru Nanak Dev ji Gurpurab also known as Guru Nanak's Prakash Utsav, celebrates the birth of the first Sikh guru, Guru Nanak. On this auspicious occasion all members of MRSC family goes to NAGAR KIRTAN to celebrate Guru Nanak Jayanti.

GURU GOBIND SINGH JAYANTI (01/01/2017)

On the occasion of Guru Gobind Singh Jayanti, a large procession through markets of Indore is organized by Sikkh Samaj. All members of MRSC family welcomes the procession at a stipulated place, sing devotional songs and share sweets among the adults and children. During this, flowers are showered in the welcome of all the religious brothers. Prasad distribution is also done after the darshan of Guru Granth Sahib.

DIWALI MILAN

Every year all members of MAHARAJA family meet to celebrate Diwali. On this occasion everyone enjoys sweets made at each other's home.

GURU HARIKRISHAN JAYANTI (22/07/2017)

This Holy parv is celebrated in hall of school campus. On this occasion the Holy Guru Granth sahib is brought to our institute. The members of Maharaja Ranjit Singh family pay obeisance in front of Granth Sahib.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

MRSCPS sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which carves them to be responsible citizen of the country.

Anti-Alcohol Drive

The staff and students of MRSCPS did peaceful protest against opening of Wine shop near college premises.

Under the guidance of our CEO, Mr. Satvinder Singh a peaceful, non-violent protest was done. During the protest we started alone but a few days later, many people from various institutes started supporting the cause. As a result, after some days the Wine shop was moved permanently.

Avoid use of polythene

The MRSC family has made a huge contribution in support of the government's campaign for avoiding the use of polythene. To make this program a success, we went to Rajwada in the heart of the city and distributed paper bags to the shopkeepers and encouraged them not to use polythene. This work of ours has been recorded in the Golden Book of World Records.

Cyber-crime awareness

Now a day's mobile has become an important part of life of students, that is why it should be used with great care. Students are told from time to time through seminars that how to and how much use of social media is safe. Students are also made aware to use e-banking carefully to prevent cyber-crime.

Swachh Bharat Abhiyan

As soon as the college session begins, we encourage our students to clean the campus inside as well as outside. In this ceremony the importance of cleanliness has been explained and diseases caused by dirt are explained in detail. Camps are organized by our NSS students to increase cleanliness in the village where the campaign is done.

Nadi Bachao Abhiyan

"Save the river" camps were organized by the NSS students in the city and nearby villages,

in which the people are sensitized to not throw garbage in the river and keep it clean.

The importance of the river is explained and awareness is made about the tragedy due to non-availability of the river water.

Everyone should take the save river campaign seriously and take appropriate steps to save it.

Safety & Security week

According to a survey, most of the deaths mostly youth in our country are due to road accidents. the college organizes Road Safety Week every year, in which different government officials give information about road safety on different days throughout the week, From the rules of walking to driving vehicles safely on the road.

Besides above activities our staff members continuously counsel and train students on numerous other aspects such as follows:-

S. No.	NAME OF EVENT
1.	Awareness towards voting
2.	Help desk for AADHAR card, pan card and voter card
3.	Awareness for getting driving license
4.	Motivation to save electricity and water
5.	Maintain neat & clean campus
6.	Be aware on social media
7.	Say 'NO TO RAGGING'
8.	Fit India moment
9.	Blood donation
10.	Follow LAB instruction

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	[View Document](#)
Code of ethics policy document	[View Document](#)
Any other relevant information	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and

festivals (within 500 words).

Response:

Our institute celebrates these national, international, commemorative days, events and festivals every year-

INDEPENDENCE DAY- 15th August

Every year on 15 August teaching and non-teaching staff of the college come together to celebrate the Independence Day. The event begins with flag hoisting by the C.E.O. and Principal or new students. This is followed by cultural activities like singing songs, dances skits and speech by students and teachers. The event ends by singing the national anthem and distribution of sweets.

`

TEACHER'S DAY- 5th September

It has been a tradition of the management of Maharaja Ranjit Singh College to honor its teachers every year on the occasion of Teacher's Day. On this occasion, many programs are organized by the management for the teachers and affectionate food is also given.

HINDI DIWAS-14th September

Every year 14 September is celebrated as Hindi Diwas in college. On this occasion many competitions are organized for the students by various departments like- SWACHH LEKHAN, SHUDDH LEKHAN.

INTERNATIONAL DAY OF PEACE- 21st September On the occasion of world Peace Day Maharaja Ranjit Singh College wishes that there is just peace and happiness in this world so that we have a better and happier place to live in. Sarvdharm prarthana sabha is organized.

GANDHI JAYANTI- 2nd October

On 2nd October giving a message of peace and goodwill on the occasion of Gandhi Jayanti, the academic, non-academic staff and students of Maharaja Ranjit Singh College took out a silent rally from the college to Mata Gujri College 2nd October 2019.

INTERNATIONAL DAY OF TOLERANCE- 16th November We celebrate International Day for tolerance every November 16 to help spread tolerance and raise awareness of any intolerance that may still be prevalent in the world today.

WORLD AIDS AWARENESS- 1st December

Every year on 1st December we celebrate World AIDS Day. On this day people are made aware of AIDS through street plays at many places around Indore by the NSS unit of our college. Various competitions related to AIDS are organized in the college campus.

YOUTH DAY- 12th January

National youth day also known as Vivekananda Jayanti is celebrated on 12th January being the birthday of Swami Vivekananda every year in our college. Many competitions related to the life and work of Swami Vivekananda are organized on this day. A book fair is also organized during this time.

REPUBLIC DAY- 26th January

Every year on 26 January teaching and non-teaching staff of the college came together to celebrate the Republic Day The event begins with flag hoisting by the C.E.O. and Principal or students. This is followed by cultural activities like songs, dances skits and speech given by students/teacher. The national anthem is sung to conclude the event.

NO TOBACCO DAY- 31st May

Every year on 31st May a seminar of No Tobacco Day is organized in the college in which the effects of tobacco consumption are explained. Through this seminar, the side effects of tobacco consumption are explained and trying to inspire to make our country tobacco free.

File Description	Document
Link for Geotagged photographs of some of the events	[View Document](#)
Link for any other relevant information	[View Document](#)
Link for Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice 1

1. **Title of the Practice –** Health Awareness Camp

1. **Objective of the Practice-**

- To create health related awareness amongst the students, faculties and staff members of the college.
- To conduct a routine health check-up for the entire fraternity of the college.
- To motivate students for adapting healthy lifestyle by conducting healthy food stall competition
- To promote exercise amongst the students by making them take part in physical activities like Zumba, Skipping etc.

1. **The Context**

In recent years, we all have witnessed the importance of health. Our institution has been organizing a health awareness camp for the entire college on birthday (29th August) of our Visionary Founder Managing Trustee, Dr. R. S. Makhija since past over 20 years. The motto of this camp is to perform basic health related tests for students, faculties, office staff and also for Class III and Class IV staff members of the college and provide guidance by doctors and nutritionist regarding better health. As most people are ignorant when it comes about routine health check-up; therefore the aim of organizing this camp is to make them aware about healthy lifestyle. Majority of the students studying in the college come from far off places and have to live in hostels, where they are unable to get proper meals. This camp helps them in knowing about their basic health parameters which makes them conscious about eating habits and they learn the importance of being fit and healthy.

1. **The Practice**

- The entire college faculty members contribute in the event by active participation through planning and execution of the event.
- Post graduate students of Biotechnology and Microbiology and undergraduate students of Department of Biosciences of the college are distributed in teams according to the planned events.
- The camp is conducted on 29th August of every year in the college campus for the entire college family.
- All the students and staff members of the college participate in various activities during the day like

Zumba, Skipping and Push-Up Competition, Health Check-Up, Healthy Food Stall Competition, Health Related Counselling from experts like Dietitian and Dentist, Blood Donation etc.

- The various health related activities motivate the students and staff members to adapt healthy lifestyle and stay healthy and fit.

1. **Evidence of Success**

- Active participation of students of the college.
- Post graduate students of Biotechnology and Microbiology and undergraduate students of Department of Biosciences involved in Health Check-up have improved their laboratory skills. The event also helps them to build confidence and expertise their knowledge on the subject for future prospective.
- Students participating in Healthy Food Stalls learned basic cooking skills, budget management and enhanced their marketing skills.
- Blood donated by students and staff members of the college in the year 2017 and 2018.
- All the participants learned event management and gained lifetime experience from this event.

1. **Problems Encountered and Resources Required**

- Immense participation and enthusiasm of the students was difficult to manage.
- There was a need to increase the number of health check-up stations for efficiently managing the number of participants.
- Doctors give only advice to the participants but don't give written prescription.
- We are not eligible to certify the health checkup tests performed during the camp and our sole intention is to create health related awareness.
- No additional resources were required to carry out this activity other than institute infrastructure and laboratory facilities.

1. **Notes (Optional)**

Best Practice 2

1. **Title of the Practice –** Muskurahate

1. **Objective of the Practice-**

- To help needy people in terms of emotional, social and financial support.
- To inculcate social responsibility and develop values among the students of the college.

1. **The Context**

Our institution strongly believes that every human has a right to live happily in the society with equality and dignity. Every year, our institute plans some events like donation, visit to old age home, caring for disabled children etc. under the title "Muskurahate" on birthday of Mrs. Harsharan Kaur Makhija (wife of Managing Trustee, Dr. R.S. Makhija), 8th September. The aim of this mission is to inculcate social and emotional values among the students of the college and to fulfil responsibilities towards the society. These events help the students to grow up as a better individual and add values in their life besides education. Also, the motto of conducting these events is to uplift individuals coming from different backgrounds of life. Maharaja Ranjit Singh College of Professional Sciences has a wide diversity of students from various walks of life like a child of an entrepreneur, service class, labor class, carpenter, driver etc. All get an equal opportunity to study in the college. This activity of the college instills a sense of pride and equality and dwindle the fear of economic disparity.

1. **The Practice**

- Visit to Orphanage Shradhanand Bal Ashram (10/3/17); interacting with children and donating necessary essentials to them and sharing happiness.
- Visit to Astha Old Age Home; interaction with the senior citizens, understanding their problems and giving them emotional support and donating clothes (4/5/2017).
- Ramp Walk during Personality Contest in Annual Function for Social Cause-

10/2/17 - Support Senior Citizens (Ramp Walk by Astha Old Age Home senior citizens)

9/2/18 – Swatchta Abhyan (Ramp Walk by Class IV staff of college)

- Honored "Builders of College" during Silver Jubilee Annual Function (23/2/19).

- Formed "Neeki Ki Diwar" in college and donated clothes and woolens to the needy people during NSS Program (19/1/2018).
- Invited Blind School students to perform during Yuva Saptah and felicitated them (15/1/19).
- Distribute specimen copies of books and practical records provided to the college to poor students.
- Distributing Food and Essentials to needy families during COVID Pandemic by the college management.

1. **Evidence of Success**

- Active participation of students from all the courses of the college.
- Students learn their social responsibility towards society.
- Blind School Children were delighted to perform in college and were excited and happy to visit our college. They also requested to organize such event again in the future.
- People from Old Age Home were overwhelmed by seeing the respect and emotional support provided by college students and staff members.
- Orphanage children were happy and excited to accept gifts from college students and staff members.
- Senior citizens were happy to share their feelings and emotions during our visit at Old Age Home.
- Class IV Staff of the college felt equality and respect when they were called on stage for ramp walk during annual function.

1. **Problems Encountered and Resources Required**

- Students become emotionally weak facing the reality and accepting the bitter truth of society when people from orphanage and old age home share their stories
- Sometimes it is difficult to handle people coming from orphanages and blind school.
- No additional resources were required to carry out this activity other than institute infrastructure.

1. **Notes (Optional)**

File Description	Document
Link for Best practices in the Institutional web site	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

"Empowering Education" the words mentioned in the College emblem stands for the power of knowledge that drives the human race. The students of MRSC are our primary stake holders who are empowered with the glorious knowledge of past as well as progressive knowledge of future.

The College motto 'to impart value added education' is achieved by empowering the teachers with furtherance in academics and freedom for research.

The empowered teachers increase their knowledge and use all possible means to transmit their knowledge to the future of humanity. The College focuses on three major aspects of knowledge creation, maintenance and development, achieved, preserved and blossom to the fullest potential.

The academic plan is simple -take regular classes, perform each practical /project and engage in various activities to keep the "JOSH HIGH". All teachers Assistant Professor, Associate Professor, Professor and even the Principal take regular classes, teach verities of subjects and papers, perform practicals, demos, visits and interact with students time and gain, to guide them through the year round activities held in the campus.

The knowledge is created in the work atmosphere, field and labs where the students and the teachers involve themselves in various projects and internship to understand the basic concept and build on to add data or develop new methodology.

The knowledge created at MRSC is evident by the extensive research publication on a regular basis. The knowledge resources at MRSC are procured and maintained by various means such as printed version, e-print and online resources in the College Library.

The hard copy indexed in two sections issue and reference, are available for the staff, students and outside students too. The systems available in Bioinformatics laboratory can be used by library member for e referencing and use of e resources available in the library. A regular newspaper reading section is also

maintained and the news relevant to the education are being preserved.

Several teachers use ICT tools and prepare presentations for teaching various subjects. A collection of these tools and power point presentation is maintained soft copy in the library.

The overall development is of at most important to imbibe the knowledge gain by the student. The talent to utilize the knowledge and skills learnt on day-to-day basis is ensure by giving the students opportunity to participate and lead in various events of the college.

MRSC promotes academics, sports and other activities 'ACHIEVERS' with awards and scholarships. The college considers education to be a life-long process which should have a strong foundation. The management of the college promotes confidence, direction and critical thinking skills, leading to the development of well adjusted, adaptable & integrated personalities. The knowledge creation facilities at MRSC include well equipped research labs, library resources, research projects sponsored by MPCST, National & International research conferences, student projects, paper & poster presentations at National & International level by staff & students. To provide quality education in the field of management and professional education generate thought leadership and competency building which is required to be global wealth creators, equipped with holistic concern for ethics, environment and society.

The fame of our college becomes stronger and stronger year after year with the progressive contribution made by our alumni.

Maharaja Ranjit Singh College of Professional Sciences, Indore has alumni network of more than 25,000 students. The successful MRSC alumni are found everywhere, from politics to public health, technology to theology, entertainment to environment.

Today, the MRSC is globally recognized as one of the centers of academic excellence as well as its environmental beauty, and is reputed for:

- The outstanding caliber of the students graduating from it
- The dynamic and relevant academic programs
- Contribution to national developmental projects through its research activities

To assist in strengthening the link with alumni, the Institute has setup alumni association. It makes the Institute proud to know that its alumni have achieved success in their endeavours and reached the highest positions in all fields - whether it is research, academics, industry, entrepreneurship, or management.

Many Alumni who have had a good learning, research and social experience during their study are, unsure how to continue their pleasant association with the Institute. The MRSC Alumni Association is one forum for doing so.

The Alumni Office offers alumni the chance to keep up with the happenings at Institutions and interact in more than one way, such as:

- Technical collaboration in projects
- Professional network
- Academic collaboration
- Recruitment of graduates

The Alumni association also helps alumni to maintain contact with other alumni. Students are encouraged to make the most of the Alumni Association and feel free to set up and execute your own alumni assisted project under the umbrella of the MRSC Alumni Association.

Thus, the Mission statement of Maharaja Ranjit Singh College of Professional Sciences -"Impart value added Education of Global standards to help the student work for Competitive excellence and financial freedom" is intended to be is accomplished.

This helps in an exalted aim to produce for society, ideal members having scientific, professional knowledge, skills and commanding balanced personalities which others would like to emulate for the good of all (Sarbat Da Bhala).

The Management also ensures that erosion of our cultural heritage does not take place and sense of awareness of our value system, of unity and diversity, of integrated India and nationalism, takes firm roots.

We expect our students to be self-disciplined, honest, caring considerate, well mannered, willing to help others, and to become responsible citizens following the constitution of India, in letter and in spirit and spreading the message of universal brotherhood.

File Description	Document
Link for appropriate web in the Institutional website	[View Document](#)
Link for any other relevant information	[View Document](#)

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5. CONCLUSION

Additional Information :

MRSCPS is an Institute run by religious minority Sikh in recently declared smart no. 1 city and the cleanest city no.1 declared now 5th time in a row in India - INDORE. It is also the educational hub where students from nearly districts, towns and states regularly come to study higher courses at UG, PG and Ph. D level. MRSCPS proves to be an institute of choice for many due to its location near University campus and approachable roads and bus service with MRSC as bus stop.

MRSCPS now entering in its 29th year has several flagship courses taught by qualified faculty members and in an ambience of strong infrastructure and all basic amenities.

Institution like ours has been nurtured with hope and concern much like a living organism. Regular interactions with the Heads, Principal and CEO keeps the resources flowing to accommodate creative and research activities apart from regular teaching happening at a reasonable pace. The management's policy of starting a course and nurturing it before planning a new one has built the repertoire of students and teachers on a solid ground. Merits in academics, result analysis and opportunities generated for students to express their talent has developed a confident Alumni base who also have love and gratitude for their teachers and College are always ready to pay back with their visits and involvement in College students' growth. Monthly Alumni talk is an example of their contribution and encouragement.

Concluding Remarks :

An educational institute that keeps abreast the latest knowledge and empower its students with faith and empathy to nurture their talent is what Maharaja Ranjit Singh College of Sciences stands for. The dream institute established by friends Dr. R. S. Makhija an Opththantologist, Dr. Ramesh Badlani a Physician, and Dr. Arun Patwa a Surgeon as their dream has been fulfilling for several students now for over 28 years since 1994. The institute's management believes in giving the charge and empowers its Principal and staff to take student centric decisions. The staff empower its students to nurture and develop their talent along with acquiring the values of cooperation, leadership and responsibility and learning the art of meaningful living in the society. The College being affiliated to Devi Ahilya University, Indore and Higher education department Bhopal follows the rules and regulation for affiliation and appointment of staff and syllabus ordinance as laid down by the University. We focus on imparting the best possible syllabus content to students by having the best teaching staff who is always motivated and supported for growth in academics and research. Presentation and discussion with students in the mentor-mentee kind of relation gives a connect to foresee the brighter side of academics by developing the right mindset to absorb and accept the fast-paced changes. During the tough corner period few teachers and students actively participated in helping the Government for analysis of samples and patients. The college also promoted vaccination drive by making the staff and students aware of the need and importance of vaccination.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.4.2	**Feedback process of the Institution may be classified as follows:** **Options:** 1. **Feedback collected, analysed and action taken and feedback available on website** 2. **Feedback collected, analysed and action has been taken** 3. **Feedback collected and analysed** 4. **Feedback collected** 5. **Feedback not collected** Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website Answer After DVV Verification: C. Feedback collected and analysed Remark : DVV has select C. Feedback collected and analysed as per metric 1.4.1
3.4.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years** 3.4.3.1. **Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years** Answer before DVV Verification: {| table |} Answer After DVV Verification : {| table |} Remark : DVV has excluded days activities.
3.4.4	**Average percentage of students participating in extension activities at 3.4.3. above during last five years** 3.4.4.1. **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years** Answer before DVV Verification: {| table |}

3.4.3.1 — Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
22	16	9	12	11

3.4.3.1 — Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
16	12	6	05	08

3.4.4.1 — Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
712	604	376	670	709

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
415	512	265	485	458

Remark : DVV has made the changes as per 3.4.3

4.2.2	**The institution has subscription for the following e-resources** 1. **e-journals** 2. **e-ShodhSindhu** 3. **Shodhganga Membership** 4. **e-books** 5. **Databases** 6. **Remote access to e-resources** Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: B. Any 3 of the above Remark : DVV has select B. Any 3 of the above as per shared report by hei.
4.2.4	**Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year** 4.2.4.1. Number of teachers and students using library per day over last one year Answer before DVV Verification : 18 Answer after DVV Verification: 3 Remark : DVV has made the changes as per average of teacher and students using library per day on (dates)
5.2.2	**Average percentage of students progressing to higher education during the last five years** 5.2.2.1. **Number of outgoing student progression to higher education during last five years** Answer before DVV Verification : 142 Answer after DVV Verification: 00 Remark : DVV has given 0 as per HEI clarification.
5.2.3	**Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)** 5.2.3.1. **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, *etc*.)) year-wise during last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	4	3	3	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

5.2.3.2. **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	4	3	3	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	4	3	3	1

Remark : DVV has given 0 as per HEI clarification.

7.1.4	**Water conservation facilities available in the Institution:** 1. **Rain water harvesting** 2. **Borewell /Open well recharge** 3. **Construction of tanks and bunds** 4. **Waste water recycling** 5. **Maintenance of water bodies and distribution system in the campus** Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: B. 3 of the above Remark : DVV has select B. 3 of the above as per shared report by HEI.

2.Extended Profile Deviations

ID	Extended Questions
1.2	**Number of programs offered year-wise for last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
24	24	21	21	21

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

10	24	21	21	21