

EXECUTIVE SUMMARY

CRITERION - I - CURRICULAR ASPECTS

Holkar college Indore was founded by the then king of erstwhile Holkar state Hon'ble Maharaja Shivaji Rao Holkar in June 1891. The visionary king laid the foundation of this institution with the pious motive of "widening the horizon for the people of Indore and nearby areas." He wanted to lighten up the minds of the people with the help of education in order that they could exploit their potential to their best advantage and equip themselves to meet the challenges of the new world order dominated by science and technology, the signs of which had begin to manifest themselves. He could foresee that conservatism and dogmatic religious beliefs would soon give way to scientific outlook and rationalism. With the increasing number of students and multiplication of disciplines the college was split into two separate and independent units. One of these two colleges was designated as Govt. Arts and Commerce College while this college retained its prestigious original name i.e. Holkar college. Since it now catered to the study of science exclusively it came to be known as Govt. Holkar Science College. It continued to be housed in the old college building. Ever since its conception the institution has striven hard to fulfill its promises of providing high quality education to produce thoughtful, intelligent and competent human beings capable of facing the challenges of the life bravely. The alumni of the college have occupied prestigious positions in almost every walk of life. The graduates of this institution can be seen engaged in creative endeavour not only in the far-flung areas of our country but those of the world too. At present the institution is imparting instruction in science with the emphasis on scientific research.

During the course of its journey the college remained affiliated to Calcutta and Allahabad universities. At present it is affiliated to Devi Ahilya Vishwavidyalya (DAVV) which has recently been adjudged as A grade accredited university by the NAAC.

In view of the quality of education provided by the college the Govt. of M.P. recognized this college as a model college. In the year 1989 the UGC found it fit to be an autonomous college and ever since then the college has been a full-fledged autonomous institution (in both at UG and PG levels). In the session 2001-2002 it was also given the status of being a "College of Excellence" by the state govt. The college opted to go for accreditation by the NAAC twice. First accreditation was in the year 2003 when it was awarded a 3 star ranking and then in the year 2009 when it was awarded with 'B' grade (with 2.79 CGPA).

Govt. Holkar Science College is a prominent college of the state of Madhya Pradesh. Students from all over the state and the neighboring are as covert admission to this prestigious co-ed institution. The college is committed to adhere to its original motive of "widening the horizon for the people" by means of imparting them adequate education. The college provides its students opportunity to exploit their latent talent to their fullest advantage. Various activities taking place on the campus afford them ample opportunity to grow into mature and thoughtful citizens.

The college imparts instruction in various fields of science both at UG and PG levels. The courses at UG level viz B.Sc. and BCA run through 6 semesters (three years) while PG courses (M.Sc.) run through four semesters (two years). M.Phil. comprises of three semesters (one year and a half). The Ph.D. programmes have to be culminated within specified limit of 26 months .All these courses have been duly affiliated to DAVV. The college offers undergraduate (B.Sc.) programme with 22 different subject combinations, post graduate (M.Sc.) programme in 14 subjects and M.Phil. and Ph.D. in 6 subjects respectively. In addition to these the college offers four certificate courses including a certificate course in French language. The college is going to induct BLIS (Bachelor of Library Science) from July 2015. A couple of certificate courses are also in the Pipeline. Out of these courses, the conventional ones are govt. aided courses whereas the rest are self-financed courses. Two vocational courses recommended and approved by the UGC namely Industrial Fish and Fisheries and Seed Technology have been added to the degree programme. The college also runs IGNOU study center which offers a number of courses at various levels.

The college offers quite a few subject combinations at UG level that are usually not offered by other colleges. Combinations like (a) Forensic Science, Chemistry & Zoology (b) Biochemistry, Zoology & Chemistry (c) Horticulture, Seed Technology & Botany (d) Geography, Economics & Geology (e) Statistics, Computer Science & Mathematics are very popular among students. At PG level M.Sc. in Forensic Science and Fisheries hold added attraction for the students pursuing higher studies. These courses are not available elsewhere within the jurisdiction of DAVV. With all the undergraduate courses there is a compulsory foundation component in which subjects like Hindi and English languages, Entrepreneurship, Environmental Science, Moral Values and Computer Concept are taught at different levels. In addition to this 90 hours or 15 days entrepreneurial work/project is mandatory for the students of VI semester at UG level. At PG level the similar kind of project work is compulsory for the students of IV sem. Since the second evaluation (of this college) by the peer team (NAAC) the college has inducted two new courses at UG level (BCA, BLIS) alongwith four new subject combinations. At PG level college has introduced M.Sc. in two subjects and M.Phil. in five subjects.

For slow learners the college holds problem solving sessions/remedial classes. The college also arranges free coaching for the aspirants preparing for various competitive exams. The college has Vivekanand Career Guidance Cell and a Placement Cell which offer career guidance to the students. In order to facilitate the imparting of quality education the college keeps updating its laboratories and library all the time. Respective amounts have been spent on the updating of labs and library respectively during the last five years.

The college has drafted its research policy, IT policy, Green policy, Women empowerment policy distinctly. Due emphasis is given to the observance of ethical values and enhancement of professional skills. To deal with ragging on the campus the college follows the zero tolerance anti-ragging policy of the State Govt.

To instill spirit of social service, discipline and patriotism the college has two separate (Men & Women) units of NSS and three units of NCC. An independent Red-cross cell is also functional on the campus. Besides these students are also nominated in various committees where they are exposed to the functioning of the institution, thereby imbibing the qualities of accountability, fearlessness and leadership.

The IQAC of this college takes feedback on teachers/curriculum and hostel from the students and parents at regular intervals of time. A committee formed from among the members of IQAC is entrusted with the responsibility of first analyzing the data so obtained and then suggesting the effective measures necessary for the improvement. Every teaching department in the college has constituted a board of studies that comprises both internal and external members as per the rules. No change/modification in the course content can be made without the recommendation of the concerned board of studies. As per the policy of the State Govt. the college does not exercise full autonomy in the matter of curriculum designing. The college abides by the norms followed by the affiliating university. However, upto 20% course content can be added to the prevailing curriculum with the due recommendation of the board of studies. The college exercises full autonomy in designing the curriculum of only those courses which are exclusive to the institution and the university does not run them.

A number of faculty members of Holkar Science College are nominated on the academic, research and examination committees of the DAVV and other universities. The experience thus gained and shared plays a significant role in the mutual development of the institutions.

The college envisions the all round development of its students as mature and thoughtful human beings and responsible citizens of our country. The mission of the institution is to widen the mental horizon of its students by means of qualitative, value-aided and career-oriented education so that they may cope well with the emerging competitive world of science and technology.

CRITERION II: TEACHING-LEARNING AND EVALUATION

Admission to undergraduate and post graduate programmes offered by the colleges of M.P. is given through an online process controlled centrally by the Department of Higher Education, Govt. of Madhya Pradesh. The admission is given strictly on the basis of merit. The whole process has been made absolutely transparent and extremely effective. After the induction of the centralized online admission process the meritorious students from the far-flung corners of the state succeed in getting admission to this prestigious institution. The college continues to be the first choice of bright and deserving students. However, admission to M.Phil. courses of the college is given by the college itself through a written (entrance) test which is followed by an interview. In the admission process due weightage is given to the excellence achieved in the fields like sports, NCC, NSS etc. Reservation benefits to the SC, ST and OBC classes are also given as per the govt. rules. Students seeking admission to this college come from diverse socio-economic cultural and educational background. In order that the students may judge the suitability and worthiness of the courses they have chosen for themselves, a brief counseling is given by the admission committee at the time of admission.

The career guidance cell of the college remains functional throughout the session. A number of programmes like series of lectures for personality development, improvement of entrepreneur skills and career fairs are held at the appropriate times during the session. The services of a lady counselor is also made available to the students when such need arises.

As per the policy of the state govt. the girl students are exempted from paying the tuition fee for the courses other than the self-financing courses. The financial assistance given by the state govt. in the form of scholarships to the students belonging to SC/ST/OBC classes is available in this college too. In addition state sponsored scholarships like Pratibha Kiran, Vikramaditya and Gaon Ki Beti are also available in the college. The college gives three half-freeships in each section on the basis of merit to the students belonging to general category provided they are not in receipt of any (such) financial assistance from any charitable institution and the total annual gross income of whose parent does not exceed Rs. 1 lac. The college also gives assistance to the students who have lost their earning parent and have very limited annual income.

The college is committed to enhance its academic excellence. The institution religiously follows the academic calendar issued by the department of higher education at the commencement of the academic session. The attendance registers and teacher's diaries are maintained regularly. They are duly inspected and signed first by the departmental heads and then by the principal. For each section there is nominated a proctor from among the teaching staff. He also acts as a mentor for the students of that particular class.

On the basis of their performance in the class students are identified as slow or quick learners. For the weaker students remedial classes are held while problem solving classes are arranged for all the students. Special coaching classes are also held to help students in their preparation for competitive exams. While most of the teaching is done with the conventional black-board chalk and lecture method, the use of modern teaching aids such as LCD projector and methods like group discussions, seminars, quiz etc. are also encouraged. In every semester 15 percent weightage is given to internal assessment by means of continuous comprehensive evaluation (CCE). The subject teacher has the liberty of choosing the mode of evaluation from among modes like oral or written test, group discussions, seminars, quiz, written assignments etc. In order to encourage greater attendance the college proposes to link the marks of CCE with the attendance, that is out of the marks allotted for CCE a few would be reserved for the attendance of the students. The proposal lies pending with the governing body of the institution for the approval.

In order to improve the faculty, a number of seminars, workshops and conferences are organized in the college. The faculty members are also encouraged to take part in these activities organized by other agencies. Feed back about the teaching effectiveness of the teachers from the students also plays an important role in the faculty improvement. The measures like mandatory self-appraisal and API scaling at the end of the session also compels and motivates teachers to remain updated in their subjects. This

constant vigil over the performance of the teachers plays an important role in the progress of the institution. The existing strength of the teaching faculty is as follows:

Permanent/Regular		Guest faculty	
Professors	30	Having Ph.D. degrees	15
Assistant Professors	70	Having M.Phil degrees	25
Having Ph.D. degrees	89	Having M.Sc. degrees	31
Having M.Phil degrees	06		
Having M.Sc. degrees	15		

Almost every faculty member has participated in seminar/workshop/conference at least once. A number of them have also presented their posters or papers on such occasions.

Being an autonomous institution the college has its own examination department. A requisite numbers from among the teaching faculty and ministerial staff work in the examination department on part-time basis. The Examination schedule is declared well in advance of the examination. For the setting of the examination papers, the care is taken (as a matter of policy) that atleast 50% of the total paper setters are external. For practical examinations the examiners are compulsorily external i.e. those who come from other colleges or universities. After the written examination, the answer books are evaluated centrally at UG level while they are sent to the concerned examiner at PG level. In order to ensure uniform evaluation at UG level most papers are sent with memorandum of instructions prepared by the paper setters. The evaluation process of answer books involves the following pattern (steps):

Mixing of answer books → hiding the roll number and coding the answer books → valuation → reviewing → scrutiny → decoding → tabulation → coalition and then declaration of the result after obtaining approval by the examination committee. Cases pertaining to the use of unfair means (UFM) are dealt with by a separate committee as per the existing university rules. There is a provision for the revaluation of the answer books (done by two examiners separately). The students can also see their answer books in presence of two subject experts. They can also challenge the valuation after filling up a prescribed form.

The college has a big library with a collection of 90,000 books, 3751 back volume of research journals, 491 thesis, 325 CD and cassettes. It is housed in a separate building having suitable reading space. The library also offers internet-browsing facility, e-books, e-journals besides DELNET and INFLIBnet facilities.

At present there are 5071 students enrolled in the college out of these 2949 are girls.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

Holkar Science College is committed to promote research, consultancy and extension activities. A separate cell has been entrusted with the responsibility of maintaining an atmosphere which is conducive to the development of research in the college as envisaged in the college research policy. In the last five years the college has organized a number of seminars/workshops/conferences with the financial assistance from the UGC & MPCST. In cases where such grant was not available the college used its own resources to organize these events. At present the college offers only 6 programs in M.phil. and Ph.d. each; nevertheless research activities continue in one form or the other in every department. The volume of research papers published by the faculty substantiates this fact. Since the second evaluation by the NAAC peer team the college has produced 161 M.Phil. and 58 Ph.d. Degree holders. Currently 47 and 48 students are pursuing research for the award of M.Phil. and Ph.d. respectively. A total number of 455 research papers have been published in the national and international research journals in last five years. The number of professors registered for the supervision of M.Phil. and Ph.D. degree is 49 and 32 respectively. A number of professors have been evaluators for the evaluation of Ph.D. theses. Quite a few teachers of this institution have been felicitated and awarded nationally & internationally for their contribution to the field of research. After the second assessment by the NAAC seven minor and six major projects have been undertaken by the college out of which four have been completed. The rest are going on. Besides the faculty both UG & PG students are encouraged to take to research. In the last two years 96 students of this college have been selected for the inspired scholarship award of prestigious DST. In the current session 20 students are engaged in minor research projects under the BSR scheme of the UGC in which every student receives Rs. 5000/-. For the students of B.Sc. VI semester and M.Sc. IV semester, a 60 hour internship project is mandatory.)

Since the second cycle of assessment by the NAAC the faculty members have published the following:

1.	Text Books	-	23
2.	Manuals	-	08
3.	Abstract Booklets	-	05
4.	Proceedings	-	01
5.	Souvenirs	-	01
6.	Other Books	-	08

In addition to this some of the teachers have also got their scientific articles, stories & poems etc published in national newspapers & magazines. Some of our faculty members have contributed significantly to the development of e-content for the UGC programmes in collaboration with the AVRC, Indore. A national level research award named after the eminent scholar Dr. Deshpande (Chemistry) has been instituted by the college. Every year the recipient of this prestigious award is presented with a cash reward of Rs. 21000/- alongwith a certificate & memento. The college has also established sufficient number of collaborative links and signed MOU with national and international agencies. The linkage and collaboration is strengthened by means of the joint research publications. Holkar Science College has the honour of being one of the colleges selected for international collaboration and signing of MOU with foreign agencies by the department of higher education, Govt. of M.P. Consultancy is chiefly provided by the individual teachers of the Institution in their own specific fields of expertise. They freely share their knowledge with other Institutions, agencies or individuals without charging anything. However, from this session the institution has offered paid consultancy in which three departments of the college namely the department of Physics, Botany and Zoology received Rs.13 thousand as the consultancy fee for the college.

Extension services are chiefly rendered through the NCC, NSS and Red cross units of the college. Activities like tree plantation, Blood-donation, health check-ups, awareness programmes are organized by these units quite often.

The NCC unit of the college has also adopted a village to aid to its developments process. Besides students a number of members of the staff also take active part in the cause of social service and awareness drive through these agencies. Every year a substantial contribution is made to the army welfare fund through the purchase of paper flags released by the army. In times of natural calamities every member of the staff contributes generously to the prime minister's/Chief minister's relief fund. During general elections (Lok Sabha and Vidhan Sabha) and elections of the bodies like Municipal Corporation, panchayats a large number of professors are engaged as master trainers. The rest of the teaching staff along with the supporting staff are entrusted with different duties and responsibilities to be discharged at the polling stations. This is how the college makes its due contribution to the cause of democracy. A number of professors of the college have also rendered their services as master trainers and supervisors during the census 2011. Two students of this college were nominated as the ambassadors of 'Matdata Jagrukta Abhiyan'. They admirably discharged their obligation of bringing about awareness among the people (specially the youth) about the significance of their right to vote (adult franchise).

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

The College campus surrounded with a wall covers an area of 34.5 acre of land. It is located at a place which is conveniently accessible by public transport system. The existing physical infrastructure of the college adequately caters to the needs of the students for their all round development. The college has..... classrooms,..... Laboratories (including a language lab), two girls common rooms, a separate administrative office and a well equipped examination hall, a huge library housed in a separate big and beautiful building. Each department of the college is provided with a computer an LCD projector, printer, photocopier and intercom facilities. In almost all the classrooms. CCTV cameras have been installed. They are connected to a monitoring and recording system installed in the principal chamber. Every department has its own staff- room, a chamber of the Head of the Department (HOD), water purifier and a lavatory. There are two well- furnished air-conditioned conference rooms and an auditorium in the college. All of them have been equipped with audio-visual gadgets and invertors. The infrastructure of the college is also made available to another Govt Science college (Nirbhay Singh Patel Govt. Science College) which is situated within the confines of Holkar Science College (For the want of a separate building at present). Almost all the faculty members and members of the ministerial staff have been acquainted with basics of the ICT (Information and communication technology). For UG student's computer literacy has been made mandatory. For this a paper of computer concept has been introduced. The college library is equipped with DELNET, INFLIBnet, reprographic and internet facilities. At present the library is semi-computerized; the process for its full computerization is going on at fast pace. There is a library advisory committee in the college.

The college offers sports facilities for a number of indoor and outdoor games. There are courts for games like Tennis, badminton, volleyball and basketball and grounds for games like Hockey, football and cricket. Facilities for indoor games like table-tennis, chess and carom are also available. A gymnasium with basic facilities is also available for the staff and students. There are two regular sports teachers working in the college. Both of them hold Ph.D. degrees. The college organizes a number of District/Division/State level tournaments from time to time. Every year a number of students of this college are selected to represent university in various games and sports.

The other facilities available on the college campus include supply of cool and clean (filtered) water, wash rooms, canteen, staff and servant quarters (limited in numbers), boys hostel, primary health center and a branch of the State Bank of India.

In order to conserve a green environment college has drafted its own green policy. The seven gardens on the campus make it a green campus and create a pleasant and peaceful ambience. Water recharge pits are made to help increase the ground water level. Vermi composting and composting are adopted as effective measures of solid waste management on the campus.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

The college strives hard to translate its vision of producing mature human beings & responsible citizens in to reality by providing its students with such an environment as is conducive to such grooming. The college closely monitors their progression to ensure their all round development.

In addition to the several scholarships & other assistance given by the state govt. to the students belonging to the under privileged classes & incentive to brilliant boys and girls (of general category) the college has thoughtfully instituted the following assistance for the students who are left bereft of any such support. They have requisite qualifications to be admitted to this college and crave to pursue studies but for the want of sufficient funds they are either unable to do it or find it extremely difficult. This support includes:

- a) Half/full freship to the students whose earning parent is not alive.
- b) 3 half freships in each section of self financing courses granted on the basis of merit.

The college has a unique system of placing each class under the supervision of a proctor chosen from among the regular teaching faculty. He acts like a mentor for the students of that particular class. They can seek his/her advice in their academic or personal matters. The college also arranges for a weekly visit of a psychologist to counsel the students who seek his guidance.

Remedial classes in basic science subjects and English language are conducted for weaker students while problem solving classes are arranged for all the students in almost all the subjects to help students to deal with their subjects related problems. A number of certificate courses have been inducted with a view to give the students an opportunity to increase their knowledge & develop additional skills. The college is running a certificate course in French language which is available for the staff & students. To help the students in their preparation for competitive examinations, special classes are also conducted. The students of Holkar Science College very enthusiastically participate in science fairs and seminars. They also participate in literary, cultural and sports activities with the same vigour. When a student participating in a national level competition/event fails to appear in a paper because of his engagement on that particular date, the examination department holds a special examination for such a candidate at a later day.

The Vivekananda career guidance cell (of the college) remains functional throughout the year to provide students with guidance in the matters related to their careers. There is also a separate placement cell in the college whose responsibility is to make available to the students in-campus and off-campus placement opportunities. Every year many companies desirous of holding campus placement (process) are invited to the college. They judge the student's abilities through various tests, seminars, discussions, interviews etc. The success rate in these placements has been satisfactory.

The alumni association (old Holkarian association) also arranges lectures for the promotion of research & other academic activities in the college. A number of retired professors who are members of OHA encourage students by giving them cash prizes, medals, shields etc. every year at the time of prize distribution ceremony of the annual social gathering. The college has instituted a research award in the name of eminent scholar Prof. Deshpandey (Chemistry). It is given on an all India basis. The award comprises a sum of Rs. 21000/- alongwith a certificate & memento. This award is also sponsored by the alumni of the college.

To check incidents of ragging on the campus an anti-ragging committee is constituted as per the directives of the state government. The maintenance of discipline on the campus is ensured with the help of a discipline committee. In order to redress the college related grievances of the students a grievance redressed cell is also functional in the college. A complaint box is also placed alongside the notice board in every department. Fortunately no cases of ragging or sexual harassment within the campus have been reported so far. The college has framed its own "women empowerment policy" and "ethical Policy" to

create a healthy atmosphere in order that the girl students and working women of the college may work freely to exploit their potential to their best advantage.

The institution every year holds a three day annual function in which a number of literary cultural and sports competitions are held. The students very eagerly look forward to participating in these events.

The relations between the students and the staff are cordial in general. A very peaceful and harmonious academic atmosphere prevails on the campus where every student finds ample space and opportunity to grow not only academically but also as a thoughtful human being and a responsible citizen. The campus is safe and secure for everyone.

CRITERION VI: GOVERNANCE, LEADERSHIP & MANAGEMENT

The principal of the college is the academic and administrative head of the institution. As such he remains at helm of the affairs related to the governance and management of the college. A democratic and decentralized approach in administration provides ample opportunity to the staff and students to develop the quality of leadership. As the college has consolidated its financial bottom line by means of the money accumulated through self financing courses there is a substantial fund available for the (college) developmental activities. A close monitoring of academic, administrative and financial management ensures the optimum exploitation & utilization of the resources. The college administration always strives to achieve academic and administrative excellence and to ensure expansion of physical infrastructure. Immediate compliance of the orders of the superior authority is the hall mark of the college staff, a trend that they owe to their predecessors. A glance through the list of alumni of the college will substantiate the fact that college has dutifully upheld its precious heritage of discipline and learning.

In order to keep an eye on the utilization of funds and implementation of policies as an autonomous institution a governing body is constituted. It is headed by the chairman nominated by the state govt. Besides the principal as the secretary there are other members nominated by the affiliating university (DAVV) and the UGC. The governing body keeps monitoring the development work taking place on the campus. The governing body is the main body empowered to take decision in the matters of governance. The autonomy for innovation is thus exercised through decentralization of administration and the collective efforts of the staff and the students.

The state Govt. (MP) has constituted a people participation committee (Janbhagidari Samittee as it is called) for every Govt. college of the state with the sole motive of raising funds for the college. Such one committee has also been constituted for this college. It is headed by the president (of the committee) nominated by the state govt. The principal of the college acts as the secretary while the other members are nominated by the president himself.

The office of the principal is run with the help of a number of members of the ministerial staff. There is a registrar or (in his absence) an administrative officer nominated from among the existing teaching staff, a head clerk, an accountant and a number of other lower/upper division clerks. They are all responsible for running the office administration. Most of the work done by the office has been computerized. Recently e-service book (record) of the staff has also been prepared by the office. The salary of the staff members is invariably deposited into their saving bank accounts on or before the 1st day of every month. The academic and the other related activities are performed by the examination department and the departmental heads. To facilitate smooth administration & development various committees are constituted from time to time. They comprise mostly of the teaching faculty and sometimes other members of the staff and the students are also nominated on them.

The meeting of the Governing body, Janbhagidari Samittee are held at regular intervals of time. The other bodies like staff council, board of studies, standing committee, examination committee meet whenever required. In these meetings various academic & administrative issues along with developmental proposals & their effective implementation are discussed. The current status of various schemes in progress is also discussed. This decentralized approach to administration gives an impetus to the notion of collective participation which makes administration smooth & development rapid.

The college receives its finances chiefly from three sources.

- 1) Grant received from the state govt.
- 2) College development fund from the UGC.
- 3) Fees collected for the self-financing and other courses.

The audit of the income and expenditure of the college first by a CA and then by auditors from the department of higher education and from the office of the Accountant General of Madhya Pradesh is mandatory.

CRITERION VII INNOVATIONS & BEST PRACTICES

The college has developed a system to keep an eye over every activity taking place on the campus. While the class rooms and the campus are scanned through CC TV cameras, attendance and teaching are monitored through the attendance registers and teachers diaries. The several measures taken to improve the quality of education imparted by the institution have led to the better general performance and better examination results of the students. By means of their feed backs on curriculum the students also contribute to the framing of a relevant syllabus. The same mechanism is also employed in ensuring regular and effective teaching. The college holds several programs during the session where students listen to the inspiring lectures of the eminent scholars from diverse fields. On many such occasions they also get an opportunity to interact with them. Such exposures do widen their mental horizons and inspire them to cultivate such qualities as may help them develop a balanced personality.

The college gives due importance to green environment, healthy work culture, effective teaching and research. In order to make its commitments explicit, the college has drafted six well-defined policies viz green policy, IT policy, research policy, women empowerment policy, policy of professional ethics and values. The college also very strictly follows the State Government's attendance policy and zero-tolerance policy in the matters of ragging. Some of the best practices followed by the college include:

1. *Effective and regular class room teaching followed by meticulous practical work in Labs.*
2. *Induction of Job-oriented degree and certificate courses.*
3. *Encouraging students to quality for the UGC sponsored projects and scholarships.*
4. *Arranging research seminars/workshops/lectures using its own resources in addition to those arranged with the financial support of the UGC.*
5. *Strict adherence to the academic calendar.*
6. *Timely declaration of the schedule of examination and its result.*
7. *Flexibility in the choice of the mode of continuous comprehensive evaluation (CCE)*
8. *The facility of viewing the valued answer book by the candidate and that of challenging the evaluation.*
9. *The facility of revaluation of the answer books.*
10. *Group insurance for each and every student enrolled in the institution.*
11. *Teacher's welfare fund (created with the money accumulated by way of mandatory deductions from the remuneration bills of the papers setters, evaluators).*
12. *Monitoring of the progression of students to higher education and then to employment.*
13. *Personal counseling in academic and personal matters.*
14. *Absolutely safe and secure campus.*

These features give the college an edge over its other counterparts in the state. Its glorious heritage of learning and research makes it a coveted place for the students seeking admission to an institute of higher education.

STRENGTH, WEAKNESSES, OPPORTUNITIES**Strengths –**

1. A rich heritage of learning and research.
2. The established reputation of being a leading college in the state.
3. On line transparent admission system.
4. Safe and secure campus with an environment conducive to both teaching and learning. Strict adherence to the academic calendar.
5. A big library with sizable collection of books & internet & infolibnet facilities. Book bank for students from weaker sections of the society.
6. M.Phil and Ph.D. programmes in six subjects.
7. Well maintained sports grounds/courts.
8. Teaching departments equipped with computers, printers, scanners, LCDs & Internet.
9. Continuous upgrading of laboratories & research facilities.
10. The number of seminars/workshops/conferences organized in the college every year.
11. Qualified faculty with M.Phil & Ph.D. degrees.
12. Wi-Fi Campus.
13. CCTV Cameras in classes & on the Campus.
14. Well defined policies for research IT, green environment, women empowerment, values & professional ethics etc.
15. Gym. for the staff & the students.
16. Bank & primary health care centre on the campus .
17. IGNOU study center on the campus.
18. MOU with industries and research institutes.
19. Group insurance for students.
20. Actively functional & reputed units of NCC & NSS.
21. Smart class rooms
22. Because of its infrastructure & teachers the college has remained the first choice of the district administration for organizing training programmes during census & various elections.
23. Examination centre and examination coordinating centre for various competitive professional examinations.
24. College has the power to vote in the elections of Madhya Pradesh Tennis & Madhya Pradesh Cricket Associations and Principal is ex officio member.

Weakness –

1. Because of increasing number of students every year the college runs from 7.20 AM to 5.40 PM.
2. Because of the semester system, the college has to follow a very tight academic schedule.
3. The college being a government institution is subject to changes as per the desire of the state govt. Thus the members of the staff including the principal can be transferred like the staff of any other college. This hampers the long term perspective of the college development.
4. As a matter of policy new posts of college teachers are not created. Consequently there is no regular faculty available for new high tech subjects like Bio-technology, Bioinformatics and Computer Science. As such the college is compelled to run these courses with the help of the guest faculty who are appointed only for a limited period as per requirement.

5. *Owing to the open admission policy of the state govt. (based of course, on the marks obtained in the qualifying exam) a large number of students belonging to rural areas get admitted to this institution. It take them a long time to adapt themselves to the new environment & their inappropriate level of attainment specially in the field of English language often acts as a deterrent in their progress. The college thus has to take recourse to bilingual teaching.*
6. *Long delays are caused due to the compulsion of obtaining prior permission from the state govt. in matters of infrastructural expansion which the college proposes to undertake utilizing its own resources.*
7. *A very limited academic autonomy in matters of curriculum designing.*

Opportunities –

1. *Induction of greater number of subject combinations to choose from at the UG level and that of new programs at the PG level.*
2. *Creation of affordable fee- structures.*
3. *By means of services provided by NCC, NSS and red-cross units creating a greater degree of social connectivity and developing social sense.*
4. *Improvement of the existing physical infrastructure to suit the induction of new M.Phil. and Ph.D. programs.*
5. *Full automization of the library.*
6. *A greater promotion and utilization of ICT facilities.*
7. *Building of a girls hostel, staff quarters and a guest house.*
8. *More MOUs to be signed with research institutes and industries.*
9. *Induction of certificate and diploma courses for better job prospects.*
10. *Facilitating women empowerment with the help of UGC sponsored women development cell.*

Challenges –

1. *Creation of greater number of job-opportunities by inviting companies desirous of holding campus selections for job placements.*
2. *Living up to the expectations of the people by constantly improving the academic standards of the century-old-institution.*
3. *A greater emphasis on the additional coaching provided by the college for the preparation for various competitive examinations.*
4. *In addition to the maintenance the expansion of physical infrastructure.*
5. *Induction of new self-financing courses.*
6. *Running the existing self-financing courses successfully with the help of (temporary) guest faculty.*
7. *Completion of syllabus within the time available (3 to 4 months) in a semester.*
8. *Constant upgrading of syllabus.*
9. *Induction of new job-oriented science courses.*
10. *Equipping every classroom with ICT facility.*
11. *Increasing the subscription of scientific journals.*
12. *Introducing paid consultancy (for providing expertise, service and knowledge)*
13. *Regular updating of computer laboratory by equipping it with the latest advanced version of computers.*
14. *Attracting highly qualified faculty as well as bright students.*
15. *Attracting students from other states.*

Future Plan –

1. *Equipping laboratories and library with the latest gadgets and equipment.*
2. *Organizing greater number of the UGC sponsored seminars/ workshops/ conferences.*
3. *Induction of the following courses:*
4. *M.Sc. in Nanotechnology*
5. *M.Sc. in Electronics*
6. *M.Sc. in seed technology*
7. *M.Sc. in Horticulture*
8. *M.Sc. in Anthropology*
9. *MCA*
10. *M.Phil. in Maths*
11. *M.Phil. in Physics*
12. *M.Phil. Geology*
13. *Induction of job-oriented diploma and certificate courses.*
14. *Procurement of major and minor research projects for the faculty.*
15. *Full automization the library.*
16. *Availability of adequate number of computers for the students*
17. *Construction of a new auditorium, a new building for exam. department and a number of classrooms and a building to be developed as a cultural centre.*
18. *Construction of a girls hostel and a few staff quarters.*