

**Govt. Holkar(Model,Autonomous) Science College Indore (M.P.)**

**(NAAC Accredited Grade “A” College)**

**(NIRF Ranking:100-150)**

**INSTITUTIONAL DEVELOPMENT PLAN (IDP)**

**(Under the World Bank supported Madhya Pradesh Higher  
Education Quality Improvement Project)**

Submitted to

**Department of Higher Education**

**Government of Madhya Pradesh**

Developed by

**Govt. Holkar (Model,Autonomous) Science College Indore  
(M.P.)**

## **Table of Contents**

<b>TITLE</b>	<b>PAGE NO.</b>
Institution Profile	02
Institutional Development Plan – Basic information of institute	05
Vision	07
Mission	08
Gap Analysis	09
Self-Assessment for Need Analysis	16
Financial Reports	30
Goals	31
Detailed description of Goals	32
Year wise Activity Plan (description of milestones and activities)	36
Institutional Project Budget	92
Overall Institutional Performance Targets	95
Implementation Plan	96
Measures to ensure Sustainability	97
Bridging the Resource Gap	98

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## INSTITUTION PROFILE

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**Govt.Holkar (Model, Autonomous) Science college, Indore was established by the then King of erstwhile Holkar state Hon'ble Maharaja ShivajiRaoHolkar in June 1891. The visionary king selected Mr. Cholmondeley from UK as its first principal. The college started with the best talent available in teaching in India and abroad. At the time of opening of the new building of the college, the manager of the state stressed the need of girl education. The king 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. HolkarCollege. It continued to be housed in the old college building. Ever since its inception the institution has striven hard to fulfill its promises of providing 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. Perhaps this is the only college which produced Chief Justice of Supreme Court of India Hon'ble Justice R.C.Lahoti and Chief Justice of Pakistan Hon'ble Justice Alvin "Bobby" Robert Cornelius. The father of Justice Cornelius was a faculty member of the college. At present, the institution is imparting education in science with the emphasis on scientific research.**

**The college has the privilege to be visited by VVIPs like Pt. Jawaharlal Nehru (First Prime Minister of Independent India), Dr.S. Radhakrishnan, Dr.A.P.J.AbdulKalam(Former President of India), Dr. Shankar Dayal Sharma (Former Vice President of India), ShriL.K.Advani(Former Home Minister of India) and almost all the Chief Ministers of Madhya Pradesh. Besides these dignitaries, the college also witnessed the presence of ShriPrithvirajKapoor (Actor), ShriHemant Kumar (Singer), Shri Anil Biswas (Music Director), Pt. Madan Mohan Malviya(Indian educationist), Shri Shard Joshi (Poet), Mrs. Malti Joshi (Literature) etc. to name a few.**

During the course of its journey, the college remained affiliated to Calcutta and Allahabad Universities. At present it is affiliated to Devi Ahilya Vishwavidyalaya (DAVV), Indore which has recently been accredited as “A” grade university by the NAAC, Bengaluru. The college has also been accredited as “A” grade by NAAC in the year 2016.

In view of the quality of education provided by the college, the Govt. of M.P. recognized this college as a Model college in 1985-86. 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 2001-02, it was also given the status of being a "Center for Excellence" by the Government of Madhya Pradesh.

Govt. Holkar Science College is a prominent college of the state of Madhya Pradesh. Students from all over the state and the neighboring areas covet 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 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 the policies. The college campus is surrounded by a boundary wall that covers an area of about 35 acres of lush green land.

The college imparts education 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 with CBCS (M.Sc) run through four semesters (two years). M.Phil comprises of two semesters (one year). The Ph.D. programs have to be culminated within specified limit as suggested by UGC. All these courses have been duly affiliated to DAVV. The college offers undergraduate (B.Sc.) program with 22 different subject combinations, post graduate (M.Sc.) program in 14 subjects and M.Phil. and Ph.D. in 6 subjects respectively. The college also runs IGNOU study center which offers a number of courses at various levels.

For slow learners the college holds problem solving sessions/remedial classes. The college also arranges free coaching for the aspirants preparing for various competitive examinations. 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.

The college has drafted its Research policy, IT policy, Green policy, Policy of Professional Ethics Development, 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 Government.

To instill spirit of social service, discipline and patriotism, the college has two separate (Men and 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.

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 institution.

## INSTITUTIONAL DEVELOPMENT PLAN

BASIC INFORMATION OF INSTITUTE				
Name of the Institution		<b>Govt. Holkar (Model,Autonomous) Science College Indore (M.P.)-452001</b>		
The regulatory body approving the institution		<b>Govt. Of M.P./ U.G.C.</b>		
Furnish approval no.		<b>College is in the UGC list of 2(f) / 12(B)</b>		
Type of Institution(Govt. /Govt. aided/Private unaided /Self-financing/ Any Other)		<b>Govt.</b>		
Status of Institution		<b>Model,Autonomous</b>		
Name of Head of the Institution		<b>Dr.RoopLekhaVyas</b>		
Details of M.P. Higher Education Strategic Planning Project Nodal officers				
Head and Nodal Officer	Name	Phone Number	Mobile Number	E-mail Address
Head of the Institution (Full time appointee)	<b>Dr.RoopLekhaVyas</b>		9425903517	<a href="mailto:dr.rooplekhavyas@gmail.com">dr.rooplekhavyas@gmail.com</a>
IDP Institutional Coordinator	<b>Dr.M.M.P.Srivastava</b>		9893022469	mmpshrivastava@yahoo.co.in
IDP Institutional Associate Coordinator	<b>Dr. M.K.Dwivedi</b>		9424934076	Dwivedimk12@gmail.com
Coordinator for Academic Activities	<b>Dr.V.K.Parashar</b>		9827255586	vinpara2003@yahoo.com
Coordinator for Financial aspects Implementation	<b>Dr. R.C.Dixit</b>		9425188015	dixitrc@rediffmail.com

Coordinator for Civil Works including Environment Management	<b>Dr.Net Ram Kaurav</b>		9425957755	<a href="mailto:netramkaurav@yahoo.co.uk">netramkaurav@yahoo.co.uk</a>
Coordinator for Procurement	<b>Dr. P.K. Sharma</b>		9826292093	<a href="mailto:psharma29762@gmail.com">psharma29762@gmail.com</a>
Coordinator for Equity Assurance Plan Implementation	<b>Dr. S.Iqbal</b>		9406667854	<a href="mailto:taibaiqbal@gmail.com">taibaiqbal@gmail.com</a>
Coordinator for Access	<b>Dr. S.K.Choure</b>		9893035078	<a href="mailto:skchaure@rediffmail.com">skchaure@rediffmail.com</a>
Coordinator for Excellence/Quality	<b>Dr. R.K.Sharma</b>		9425081367	<a href="mailto:raj_rma@yahoo.co.in">raj_rma@yahoo.co.in</a>
Coordinator for Employability	<b>Dr. Sanjay Vyas</b>		9425032837	<a href="mailto:capt.vyas@yahoo.co.in">capt.vyas@yahoo.co.in</a>

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## Vision

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**To develop the personality of the students in a holistic way by making them responsible, thoughtful and mature citizens of our country.**

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## Mission

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**To widen the horizon of the students, to enlighten their minds with quality , value-aided, career oriented education and to ensure the fullest exploitation of their potentials so that they are able to compete in the era of new thoughts and technology and can serve the humanity in a better way.**

## Gap analysis for understanding and aligning with DHE goals

### 1. Access

	Desirable Goals for the state	Present Performance in MP	Institute Present Performance	Gaps
Percentage of female students in the college	48%	40.83	<b>41.12</b>	
Percentage of SC students in the college	16	19.08	<b>15.11</b>	
Percentage of ST students in the college	20	6.84	<b>16.95</b>	
Percentage of PHI students in the college	3		<b>&lt;1</b>	
OBC students in the college	14	37.05	<b>42.20</b>	
Other minorities /disadvantaged categories			<b>&lt;1</b>	

### 2. Enrolment

	Desirable Goals for the state	Present Enrolment in MP	Institute's Present Status	Gap
Under Graduate Increase in strength (enrolment)	Increase enrolment by 50,000 from present strength		5002	
Capacity utilization of sanctioned strength	90%	73%	73%	
Post Graduate Increase in strength (enrolment)	Increase enrolment by 10,000		538	

### 3. Equity

		Institute Performance	No. of applicants in the college	Gaps
<b>No. of students receiving Financial Support (scholarships, fees waivers)</b>	No. of Male students	<b>835</b>	<b>835</b>	
	No. of Female students	<b>437</b>	<b>437</b>	
	No. of SC students	<b>603</b>	<b>603</b>	
	No. of ST students	<b>671</b>	<b>671</b>	
	No. of PHI students	-	-	
	No. of Rural students	-	-	
<b>Hostel capacity – No. of students that can be accommodated in hostels managed by the college</b>	No. of Male students	69	<b>80</b>	
	No. of Female students	-	-	
	No. of SC students	16	<b>18</b>	
	No. of ST students	06	<b>08</b>	
	No. of PHI students	01	<b>01</b>	

	No. of Rural students	66	73	
	No. of students having access to Special Remedial Classes (specially organized for SC, ST, Rural)		<b>Under UGC scheme remedial classes are conducted for Students of each class and all students belonging to SC/ST and rural classes got its benefited</b>	
	No. of students having access to Special orientation sessions for SC/ST ,Rural		<b>Students of each and every class (10 days) have special access to Orientation sessions for freshly admitted students in every year. 2000 students get benefitted.</b>	
	No. of students having access to Special Mentoring		<b>Each and every student gets special access to special mentoring .Each section has a separate mentor designated as Proctor.</b>	
	No. of students having access Special Counselling		<b>Students who require special counselling gets counselling by the faculty members.College usually appoint part time psychologist (special counsellor)</b>	
	No. of students having access to Book Banks		<b>1328</b>	

#### 4. Excellence

- For Male Students

	Desirable Goals for the state	Present Performance in MP	Institute Performance	Gaps
On time graduation UG	50%	25%	<b>70.94</b>	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr UG	60%	19%	<b>55.78</b>	
On time graduation PG			<b>64.92</b>	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr PG			<b>71.64</b>	

- For Female Students

	Desirable Goals for the state	Present Performance in MP	Institute Performance	Gaps
On time graduation UG	50%	38%	<b>89.36</b>	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr UG	60%	38%	<b>78.14</b>	
On time graduation PG			<b>89.16</b>	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr PG			<b>90.14</b>	

- For OBC Students -

	Desirable Goals for the state	Present Performance in MP	Institute Performance	Gaps
On time graduation UG			<b>69.20</b>	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr UG			<b>51.29</b>	
On time graduation PG			<b>81.66</b>	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr PG			<b>76.47</b>	

- For SC Students -

	Desirable Goals for the state	Present Performance in MP	Institute Performance	Gaps
On time graduation UG	40%	26%	<b>71.45</b>	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr UG	45%	21%	<b>62.99</b>	
On time graduation PG			<b>86.84</b>	

Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr PG			91.22	
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- **For ST Students -**

	<b>Desirable Goals for the state</b>	<b>Present Performance in MP</b>	<b>Institute Performance</b>	<b>Gaps</b>
On time graduation UG	35%	19%	71.83	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr UG	25%	10%	50.61	
On time graduation PG			65.15	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr PG			69.69	

- **For Other Minority Students – No separate record maintained, will keep in mind for future**

	<b>Desirable Goals for the state</b>	<b>Present Performance in MP</b>	<b>Institute Performance</b>	<b>Gaps</b>
On time graduation UG			-	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr UG			-	
On time graduation PG			-	
Transition rate from 1 <sup>st</sup> yr to 2 <sup>nd</sup> yr PG			-	

- **Other Parameters –**

	<b>Desirable Goals for the state</b>	<b>Present Performance in MP</b>	<b>Institute Performance</b>	<b>Gaps</b>
Accreditation by NAAC	Preferably all colleges		NAAC accredited “A” grade College with CGPA 3.23/4.00	
Autonomous status			Institute has been granted autonomous status by UGC since 1989, valid upto 2022	
Training programme for faculty and principals	All colleges should arrange for the same		Training programmes (For teachers and Principals) are occasionally organized by the Department of Higher Education, Govt. Of M.P. For faculty,	

			college also organised training programme time to time	
Existence of IQAC	All colleges to establish the same		Institute has functional IQAC which works on the guidelines of NAAC	

### 5. Employability

	Desirable Goals for the state	Present Performance in MP	Institute Performance	Gaps
Existence of a system for tracking students for six months after completion of their education.	Available in all colleges		College has no tracking system at present but planning to start from this session	
Placement facilities on campus UG	Available in all colleges		Placement facilities are available in the college. We have functioning Swami Vivekananda Career Guidance and Placement Cell	
Placement facilities on campus PG	Available in all colleges		Placement facilities are available in the college. We have Swami Vivekananda Career Guidance and Placement Cell	
Counselling of students desirous of pursuing Higher Education UG to PG	Available in all colleges		Counselling for students is done by the Faculty under leadership of HOD from time to time.	

### 6. Governance Systems

	Desirable Goals for the state	Present Performance in MP	Institute Performance	Gaps
Publishing annual report in prescribed format	All colleges should be compliant	30%	Yes, in the form of college magazine known as Spectrum	
Satisfaction Survey conducted for 1. Students 2. Faculty 3. Other	All colleges should conduct survey for all the stakeholders		Yes. Survey is done through feedback for students and teachers	

employees				
Satisfaction scores of the Survey conducted 1. Students 2. Faculty 3. Other employees	80% 80% 80%		90%	
Accounting software (common) with uniform chart of accounts	Should be present in all colleges		Yes	
All accounting positions to be filled with qualified persons	All colleges should be complaint		Yes	
Responding to all audit objections	All colleges should be complaint	50%	Yes	
Monitoring and Evaluation of Infrastructure	Should be present in all colleges		Yes	
IT portal	Present in all colleges		College has its own functional website	
Full time staff in PD	Present in all colleges		Yes	
Providing complete AISHE data	All colleges should provide complete data		Yes	

**Buildings: College has its own building with separate 19 blocks viz.**

- (i) Academic block-classrooms for UG students**
- (ii) Red Building-Pharmaceutical Chemistry,Forensic Department and Language departments**
- (iii)Yashwant Hall Block-Mathematics,Electronics ,placement and Sports departments**
- (iv)Conference Hall**
- (v) Sports complex block**
- (vi)Chemistry and Physics BLock**
- (vii) Library**
- (viii) Office building**
- (ix)Examination Block**
- (x) Zoology Block-zoology,Biotech&Bioinformatics,Biochemistry ,Fisheries and Microbiology departments**

- (xi) Botany Block-Botany,Seed and Horticulture departments**
- (xii) Geology Block-Geology department and IGNOU center**
- (xiii) Statistics Block-Statistics department and State Bank of India**
- (xiv) Cultural center**
- (xv) Canteen**
- (xvi) Boys hostel**
- (xvii) Residential Block for teachers**
- (xviii) Residential block for non teaching employees**
- (xix) Energy Lab**
- (xx) Support services (NCC,NSS,Sports,Red-Cross )**

## **Self-Assessment for Need Analysis**

### **2.1. Curriculum Excellence**

Sl. No.	Description	
1	When the curriculum was updated last?	<b>Session :2016- 2017</b>
2	How frequently (time duration) the updating is done?	<b>College arranges a meeting of Board of studies in each department every year.</b>
3	Does the curriculum include A. Skill development B. Enhancing Employability C. Generating interest among students for learning higher courses D. Any other, Please Specify.	<b>A. Yes, to some extent B. Yes, to some extent C. Yes</b>
4	Placement (2015-16) I. Percentage of students employed after completion of course II. Percentage of Students progressing to Higher Studies	<b>Placement (2015-16) I. Percentage of students employed after completion of course – On campus placement :82 Off campus Placement:(a) on the basis of verification done:46 (b) Students who gets employment on his own efforts and competitive exams have no records. But on and average +50 % students either get job or admitted in higher courses</b>
5	Ratio of student enrolment for each programme with the total enrolment.	<b>UG 76:100 PG 79:100</b>
6	Mention the top five programmes opted by the students	<b>1.UG: B.Sc (Phy,Chem,Maths) B.Sc (Chem,Zoology,Botany) B.Sc (Geology,Maths,Physics) B.Sc (ForensiSc,Chemistry,Zoology) B.Sc (Biotechnology,Chemistry,Computer Science) 2.PG: Computer Science Bio-Techchnology Chemistry Geology Zoology Physics</b>

## 2.2.Pedagogical Excellence

Sl.No.	Description	
1	What are the teaching-learning systems currently followed in the institution? (for example, IT enabled learning, traditional method, Experiential method, Team Problem solving, etc)	<b>Both Traditional and experimental methods are adopted in teaching subjects.We have some IT enabled smartrooms.</b>

2	Whether practical orientation in relation to teaching- learning system is given to students?	Yes
3	What are the pedagogical tools (Presentation, Demonstration, Field study, Survey, Role Play, Case Study, and Simulations etc.) used for teaching students?	<b>Presentation, Demonstration, Field study and Survey are used for teaching students. Our Language department also uses Role Play activity for teaching.</b>
4	Does the institution conduct regular industry-academia interface? If yes, Mention the number during 2015-16	<b>Yes it is conducted at least once in a year. In the session 2015-16, 04 sessions were organized</b>
5	What are the innovative teaching practices (like- smart classroom, conferencing, etc) are adopted in the institutes?	<b>We have smart class rooms. We regularly organize lecture series, LCD presentations, problem solving classes and seminars etc. for students. P.G students are encouraged to attend research conferences.</b>
6	a. Does the Institute have the practice of collecting feedback from students?	Yes
	b. Does the institute implement the suggestions from students' feedback for improving pedagogy?	Yes

### 2.3. Academic Administration

Sl.No.	Description	
1	Does the institute have academic calendar for the year?	Yes
2	Does it follow academic calendar strictly?	Yes
3	Does the institute have following systems:	Yes
	a. Mentoring system	Yes
	b. Proctorial system	Yes
	c. Tutorial system	Yes
4	d. Counseling system	Yes
	Whether detailed lesson plans are given to students?	Yes
5	If yes, Is the lesson plan followed strictly?	<b>As per directions of DHE</b>
6	What type of monitoring system is followed for completing course within set timeframe?	<b>Through teachers daily diary ,students feedback and surprise visit of HOD and Principal</b>
7	What type (monthly, quarterly, biannually, annually) of attendance management system is followed in the institute?	<b>Monthly</b>
8	What type of feedback system is used for appraising the performance of faculty members?	<b>Students' feedback Self-appraisal ACR once in a year</b>
	a. 360 degree	

	b. Students' feedback c. Self-appraisal d. CCR	
9	Is the rating communicated to teachers for improvement?	Yes

#### 2.4. Examination Reforms

Sl.No.	Description	
1	What type of examination pattern followed in the institution? a. Annual b. Semester c. Any other, Please specify	<b>Semester System in PG with CBCS system. From the session 2017-18 ,Annual system in UG will be followed as per instructions and order of the D.H.E., Govt. Of M.P.</b>
2	What is the question patterns followed for examinations? a. Objective b. Subjective c. Any other, Please specify	<b>At UG level,bothobjective and subjective.At PG level, only subjective(short answer and long answer type questions)</b>
3	Whether practical examinations are integrated with the examination system?	<b>Yes</b>
4	Whether Case study/ presentation are part of the examination system?	<b>Yes</b>
5	What types of reforms are required in the present examination system?	<b>(i) Answerbook valuation should be made online. (ii) Online display of topper's answerbook. (iii)Student's Photo on marksheet (iv)Bar code on marksheet</b>
6.	Is the examination system a continuous one? If yes, Please mention in detail	<b>Yes, it is Continuous Comprehensive Evaluation (CCE) process</b>
7.	Is the evaluation system computerised?	<b>Yes</b>
8.	What is the days' gap between completion of examination and publication of result?	<b>20 to 30 days</b>
9.	Should the gap be reduced?	<b>Yes</b>
10.	If Yes, Please suggest how?	<b>1.By avoiding teaching involvement in other activities. 2.By increasing duration of valuation hours 3.By intensive monitoring 4.By adopting online valuation system 5.By time bound valuation</b>

#### 2.5. Infrastructural Development & Maintenance

Sl.No.	Description	
1	What type of expansion work is required for existing infrastructure?	<b>Renovation and roofing of temporary roofs .New class rooms , Labs and</b>

		<b>seminar rooms are required to met with the increasing numbers of students every year</b>
2	What type of modernisation/renovation works are needed for existing infrastructure? (viz. Laboratories, Library, Networking, Smart classrooms)	<b>Some more smart class rooms are required,more spacious and well equipped labs are required, class rooms required with LCD presentation facility</b>
3	Whether creation of a laboratory / centralized computing / instrumentation facility is required?	<b>Yes</b>
4	What type of sophisticated equipment's relevant to growth of different specializations are required by the institution?	<b>List Attached</b>
5	What type of infrastructural development work required for non-academic area for the institution (hostels, parks, residence, sports complex, gym, dispensaries, toilets, cycle stand, girls' common room, etc.)	<b>-Girl's hostel -Residence for staff - Sports complex -Cycle stand -Toilets -Auditorium</b>
6	What type of infrastructural development work is needed for making them accessible for differently-abled students?	<b>Special toilets, Battery cars</b>
7	Does the institute maintain the academic and non-academic infrastructure areas?	<b>Yes</b>
8	What are the monitoring mechanisms followed for maintenances?	<b>Regular survey by PWD persons</b>

## **2.6. Collaboration / Partnering with Knowledge and skill Hubs**

<b>Sl.No.</b>	<b>Description</b>	
1	What steps have been taken by the institute to enrich the intellectual Capitals	<b>Pratibha Bank was established in the college under which reputed members from all walks of life are invited to interact with students and faculties.Guest lectures of eminentpersonalities are organised.</b>
2	What steps have been taken to acquire best and improved administrative and technical acumen for the institution?	<b>It is done through different Committees formed by the head of the institution.We strictly follow the guidelines of university,DHE and UGC.</b>
3	What type of institutional/departmental collaborations the institution has with others?	<b>Our College hascollaboration andMOU with other institutions in the field of research viz. List attached</b>

4	Does the institution have Faculty Exchange Programme (National & International)?	<b>Yes,in cluster program of DHE</b>
5	Does the institution have student exchange programme (National & International)?	<b>Yes ,in cluster program of DHE</b>

## 2.7. Effective institutional governance

Sl.No.	Description	
1	Does the institution have duly constituted governing body? a. If yes, has it been approved? b. How frequently the Governing body meets? <input type="checkbox"/> Yearly <input type="checkbox"/> Biannually <input type="checkbox"/> As and when required	<b>a.Yes, DHE constituted governing body for autonomous Colleges. b.Meeting take place at least once in a year</b>
2	Does the institution have E-Governance project (ERP & MIS) implemented?	<b>Institution is governed by DHE.MIS is filled every month</b>
3	How record keeping and data management is done in the institute?	<b>Through cash books,computers, registersetc. as per requirement</b>
4	What type of library management system is there in the institute?	<b>College Library has Inlibnet–N-list membershipand it is having semi automation.</b>
5	What type of financial management and accounting system is followed in the institute?	<b>Through regular auditing, ledgers and registers and on prescribed software as prescribed by Govt. Of M.P.</b>
6	Does the institute have its own active website?	<b>Yes</b>

## 2.8. Stakeholders Involvement

Sl. No.	Description	
1	Does the institute have any mechanism of participatory management in academic, administrative and financial affairs by involving teachers and staff?	<b>Yes, institute have its own Janbhagidarisamiti, academic Council, financial committee, IQAC and other related committees for this purpose</b>
2	Does the institute have any mechanism for enhancing participatory management in academic, administrative and financial affairs by involving Parents?	<b>Yes, Parents have participation in some of thecommittees.</b>
3	Does the institute have any mechanism for enhancing participatory management in academic, administrative and financial affairs by involving Alumni?	<b>Yes ,collegehas its functional alumni. They are members in Board of Studies and IQAC cell.</b>
4	Does the institute have any mechanism for enhancing participatory management in academic, administrative and financial affairs by involving Students?	<b>Yes, through -- feedback -Board of Studies -IQAC cell -College magazine -Annual function</b>

		<b>-Cultural and sports activities</b>
5	Does the institute have any plan for enhancing participatory management in academic, administrative and financial affairs by involving local authorities?	<b>College has Janbhagidarisamiti. They are called for participation in academic, administrative and financial affairs time to time as and when required. At present District Collector is the president of Samiti</b>

## 2.9. Creating Institutional Brand Image

Sl.No.	Description	
1	What steps taken by the institute for building brand image?	<p><b>Steps taken by the college to build the image of institute as brand image are:-</b></p> <ul style="list-style-type: none"> <li><b>(i) Model college since 1985</b></li> <li><b>(ii) Autonomy status since 1989.</b></li> <li><b>(iii) Centre of excellence since 2001 by state Govt.</b></li> <li><b>(iv) Accreditation by NAAC with "A" grade.</b></li> <li><b>(v) Only college in MP to figure in NIRF ranking band 100-150.</b></li> <li><b>(vi) First 18 Colleges in the state to get RUSA Grants.</b></li> </ul> <p><b>To maintain the image college has adopted following steps :</b></p> <ul style="list-style-type: none"> <li><b>a) Regular teaching</b></li> <li><b>b) Timely exam and result</b></li> <li><b>c) Zero tolerance policy for ragging</b></li> <li><b>d) Good teachers and taught relationship</b></li> <li><b>e) Good environment</b></li> <li><b>f) Research activities</b></li> <li><b>e) Good extracurricular facilities etc</b></li> <li><b>f) Functional placement and Carrier guidance cell</b></li> </ul>
2	Has the institute adopted any innovative practices to build the institutional brand image?	<p><b>Yes we are promoting :-</b></p> <ul style="list-style-type: none"> <li><b>(a) Best practice in Teaching and learning and</b></li> <li><b>(b) Best practice in promotion of research</b></li> <li><b>(c) Butterfly Park</b></li> <li><b>(d) Dr.S.S.Deshpande National award for excellent research in</b></li> </ul>

		<b>field of Chemistry</b>
3	Does the institute have any centre of excellence?	<b>College has a status of “Centre of Excellence” by DHE , Govt of M.P.</b>
4	What steps are adopted for promoting the institute as Centre of Excellence?	<b>Steps take are:-</b> <b>(i) Promotion of research,</b> <b>(ii) Publication of Research journal,</b> <b>(iii)Conduction of a seminar every year for the benefit of students and teachers,</b> <b>(iv)Conduction of lecture series every year,</b> <b>(v) Adoption of Best practices in teaching and learning</b> <b>(vi)Good teaching and learning atmosphere</b>
5	Whether multi-disciplinary approach is followed to build and nurture effective brand image?	<b>We have adopted multi-disciplinary approachthroughCBCS system under PG classes.College has followed and promoted multi-disciplinary approach inresearch .</b>

## 2.10. Research & Development

<b>S.No.</b>	<b>Description</b>	
1	What are the research initiatives taken by the institute?	<ul style="list-style-type: none"> <li>• <b>College has been recognized as research centre by DAVV Indore in five subjects:</b></li> <li><b>(i) Chemistry</b></li> <li><b>(ii) Physics</b></li> <li><b>(iii)Zoology</b></li> <li><b>(IV)Botany</b></li> <li><b>(V)Mathematics</b></li> <li><b>(VI)Microbiology</b></li> <li><b>(VII)Geology</b></li> <li><b>(VIII)Computer Science</b></li> <li><b>(IX)Bio-Technology</b></li> </ul>

		<ul style="list-style-type: none"> <li>• College has framed its own Research Policy for promotion of research.</li> <li>• Research seminars and training programmes are organized every year</li> <li>• College publishes research journal “ Holkar Spectrum- A Inter-Disciplinary research Journal”with ISSN number ( 2454-5406 )</li> </ul> <p>College provides duty leave for attending national seminar , permits faculty members to attend International seminars and workshops and for paper presentation,reduce work load of teachers who are actively engaged in research</p>
2	<p>Have the institute identified the thrust areas for research work in the institutes? If yes, Please mention the areas</p>	<p>The thrust areas for research work in the college:</p> <ul style="list-style-type: none"> <li>-plant physiology</li> <li>-plant taxonomy</li> <li>-nanotechnologies</li> <li>-immunology</li> <li>-biochemical toxicity</li> <li>-archaeological study</li> <li>-Computational Chemistry</li> <li>-Surface Chemistry</li> <li>-Chemical Kinetics</li> <li>-Superconductivity</li> <li>-Fuzzy modelling</li> <li>-Fixed point theory</li> <li>-Operational research</li> <li>-water research</li> <li>-Plasma Physics</li> <li>-Crystal synthesis and characterization</li> <li>-Air pollution</li> <li>-Ethinobotany</li> <li>-Taxonomy</li> <li>-Palinology</li> <li>-Igneous Petrology</li> <li>-Remote sensing and GIS</li> <li>-Plant Biochemistry</li> <li>-Medical Biochemistry</li> </ul>

3	How does the institute facilitate the project funding, from sources like: (UGC/AICTE/ICSSR/CSIR/DBT/DST etc.)	<b>Through Minor and Major research projects of UGC ,MPCST and DST</b>
4	Has the institute handled Inter disciplinary project?	<b>Yes ,some of the faculty members have handled interdisciplinary projects</b>
5	Has the institute worked on student research project?	<b>Yes ,BSR project of UGC</b>
6	Has the institute measured the growth in research and development through participation and contributions in International/ National Conferences, Seminars, Symposiums, Workshops, and initiation of academic exchange programs?If yes, give details.	<b>Yes , details attached</b>
7	What type of facilities and incentives are provided to faculty members to manage the research work after getting the funding?	<ol style="list-style-type: none"> <li><b>1. Reduced workload</b></li> <li><b>2. Granted duty leave for research work.</b></li> <li><b>3. Provided required lab facilities</b></li> </ol>

### 2.11. Social Outreach Programmes

Sl.No.	Description	
1	What are social outreach activities the institute is involved with? Provide details.	<b>College has Red Cross Club, 02 units of NSSand 03 units of NCC.</b>

		<p>Some of the outreach activities are :-</p> <ul style="list-style-type: none"> <li>(i) Village adoption by NSS and NCC</li> <li>(ii) Blood donation camp</li> <li>(iii)NSS camp in villages</li> <li>(iv) Voter awareness programme</li> <li>(v) Promotion of digital INDIA</li> <li>(vi) Camps for various activities such as making of aadhar card etc.</li> <li>(vii) Various social oriented activities</li> <li>(viii) Health camp</li> <li>(ix) Environmental awareness programmes</li> </ul>
2	Is there any community/peripheral development programme organised by the institute? If yes, mention details.	College has adopted some villages for their development, cleanliness campaign programme under NSS and NCC schemes.
3	Does the students participate in sports activities (State/National/International)? Provide details.	Yes, details attached
4	Does the students involve with organisations like NSS/NCC/Red Cross?	Yes
5	Are the students given training on self-defence, Yoga & Meditation to augment their physical and mental fitness?	Yes, occasionally and when required particularly Judo-karate and yoga sessions

## 2.12. Monitoring and Evaluation

Sl.No.	Description	
1	Does the present administration, academic and financial system need monitoring and development for flawless implementation?	Yes
2	Does the institute have IQAC cell? If yes, State the major functions of the cell.	<p>Yes, its major functions are:-</p> <ul style="list-style-type: none"> <li>• Collecting and analyzing student's feed back</li> <li>• Academic audit</li> <li>• Presentation of feedback analysis to faculty members,</li> <li>• Promotion of research activities, publication of research journal etc.</li> <li>• Audit of departments</li> <li>• Holding meetings as per guidelines</li> </ul>

		<b>Preparing and sending AQAR to NAAC</b>
3	Give details of number of meetings held by IQAC for last 3 years.	<b>Meetings are held twice a year</b>
4	Does the institute conduct the followings: a. Academic Audit b. Energy Audit c. Green Audit d. Financial Audit e. Administrative Audit	<b>Yes</b>
5	Mention the audits last done:	<b>12/02/2017</b>
6	What type of decision mechanism adopted by the institute(Centralised/Decentralised)	<b>Partly centralised in confidential matters and rest decentralized through heads of department</b>
7	Does the present system have clarity of control mechanism of the system?	<b>Yes</b>

### 2.13. Employment

Sl.No.	Description	
1	What are the most important industries in the geographical area of the institute?	<b>1.Cipla Pharmaceutical LTD,Pithampur 2.Sun Pharma ,Dewas 3.Lupin Pharmaceutical LTD,Pithampur 4.TataExport,Dewa 5.Pentagon Pharmaceutical ,Dewas 6.Ranbaxy,Dewas 7.Mylan Laboratories 8.PlethicoPharmaceutical LTD</b>
2	Which industries employ the most college graduates?	<b>1.Wipro Technology 2.IBM Daksha 3.TCS 4.Cipla</b>
3	Which industries provide the best jobs?	<b>1.SunPhama,Dewas 2.Lupin,Pithampur 3.Cipla,Pithampur</b>
4	Please give similar details with respect to self-employment (agriculture/manufacturing/services sectors) a. Currently, what jobs are most available in the area? b. What skills do these jobs	<b>There is a scope of self employment in agriculture, manufacturing and service sectors. Majority of students in our college belong to rural area and most of them are from agricultural background.They can become entrepreneurs.</b>

	<p>require?</p> <p>c. Please give similar details with respect to self-employment (agriculture/manufacturing/services sectors)</p>	
5	<p>a. What jobs are seeing growth in the area?</p> <p>b. What will be the jobs of the future?</p> <p>c. Please give similar details with respect to self-employment (agriculture/manufacturing/services sectors)</p>	<p><b>a. -IT Sector</b>  <b>-Agriculture sector</b>  <b>-Chemical industry sector</b>  <b>- Biotech industry sector</b>  <b>-Pharma sector</b>  <b>-Mobile repairing</b>  <b>-Teaching</b></p> <p><b>b. Jobs in sectors as mentioned above and Jobs in education, research, banking and armed forces</b></p> <p><b>c. Agriculture ,entrepreneur as self-employment</b></p>
6	<p>a. What specific skills or attributes are local employers seeking in their employees?</p> <p>b. What skills do they need, but do not get in local hire?</p> <p>c. For self-employment, besides skills, what are the other constraints that youth may face?</p> <p>d. What kind of support do they need?</p>	<p><b>a. Employers are seeking better communication skills in students</b></p> <p><b>b. It is also the requirement of employer that the student has basic knowledge of subject and Computer skill.</b></p> <p><b>c. Specialised training and funding</b></p> <p><b>e. Proper guidance, Entrepreneur interaction and placement opportunities</b></p>

**Were conducted to arrive at these needs? (Only mark 'Yes' if the minutes of the findings /proceedings are on record)**

- Surveys of students: **No**
- Surveys of local industry: **No**
- Consultation with industry: **No**
- Consultation with students: **Yes**
- Consultation with other stakeholders (specify): **Yes: Alumni and parents**
- Workshop on IDP: **No**

#### **2.14. Supporting Students from Disadvantaged Backgrounds**

<b>Sl. No.</b>	<b>Describe the particular needs of your female, and Scheduled Caste/Tribe/Other Backward Caste students by answering the following questions:</b>
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1	<p>a. What academic programs are female students currently enrolling in?</p> <p>b. What academic programs are seeing growth in female enrolment?</p>	<p>a. <b>B.Sc , M.Sc , M.Phil ,Ph.D, BCA</b></p> <p>b. <b>There is growth in programmes related to both at UG and PG level</b></p>
2	<p>What are the employment outcomes for female students after passing out of the institution?</p>	<p><b>-Teaching</b></p> <p><b>-IT expert</b></p> <p><b>-Analyst in Pharma industry</b></p> <p><b>-Administrativeservices</b></p> <p><b>-Banking services</b></p>
3	<p>What is the academic/skill training support that female students may need for improving employability?</p>	<p><b>(i) Communicative skills</b></p> <p><b>(ii) Teaching skill</b></p> <p><b>(iii)Computer knowledge skill</b></p>
4	<p>a. What academic programs are Scheduled Caste/Tribe students currently enrolling in?</p> <p>b. What academic programs are seeing growth in Scheduled Caste/Tribe enrolment?</p>	<p>a. <b>B.Sc , M.Sc , M.Phil ,Ph. D, BCA</b></p> <p>b. <b>There is growth in programmes related to both at UG and PG level</b></p>
5	<p>What are the employment outcomes for Scheduled Caste/Tribe after passing out of the institution?</p>	<p><b>-Bank services</b></p> <p><b>-Teaching</b></p> <p><b>-Police services</b></p> <p>-</p>
6	<p>What is the academic/skill training support that SC/ST students may need for improving employability?</p>	<p><b>(i) Communicative skills</b></p> <p><b>(ii) Teaching skill</b></p> <p><b>(iii)Preparation for competitive exams and to face interviews</b></p>
7	<p>c. What academic programs are differently-abled students currently enrolling in?</p> <p>d. What academic programs are differently-abled students seeing growth in enrolment?</p>	<p><b>B.Sc and M.Sc</b></p>
8	<p>What are the employment outcomes for differently-abled students after passing out of the institution?</p>	<p><b>-Banking services</b></p> <p><b>-Teaching</b></p>
9	<p>What is the academic/skill training support that differently-abled students may need for improving employability?</p>	<p><b>(i) Mobile repairing program</b></p> <p><b>(ii) MS Office</b></p> <p><b>(iii)Tally</b></p> <p><b>(iv)Instrumentation (for its repairing and</b></p>

		<b>management)</b> <b>(v) Communicative skills</b> <b>(vi) Teaching skill</b>
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## Financial Reports

A. Total Income				
Sl No.	Category/Head	FY 2016/2017	FY 2015/2016	FY 2014/2015

		(budgeted)	(actual)	(actual)
<b>Grants: National</b>				
<b>1</b>	<b>UGC</b>	<b>Rs. 3,00000/- for IQAC Rs 3920000/-XII plan grant (GD)</b>		
<b>2</b>	<b>Distance Education Council</b>	-	-	-
<b>3</b>	<b>Other Central Govt. Departments</b>	-	-	
<b>Other Grants</b>				
<b>4</b>	<b>Grants received from state government</b>	-	-	-
<b>5</b>	<b>Grants received from local bodies</b>	-	-	-
<b>6</b>	<b>Donation</b>	-	-	-
<b>7</b>	<b>Tuition fees</b>	<b>577824/-</b>	<b>576160/-</b>	<b>530712/-</b>
<b>8</b>	<b>Other fees</b>	<b>35000000/-</b>	<b>31000000/-</b>	<b>25000000/-</b>
<b>9</b>	<b>Interests</b>	<b>800000/-</b>	<b>790000/-</b>	<b>775000/-</b>
<b>10</b>	<b>Sale of Application forms</b>	<b>111200/-</b>	<b>110800/-</b>	<b>102060/-</b>
<b>11</b>	<b>Other</b>	-	-	-

<b>B. Total Expenditure</b>				
<b>Sl No.</b>	<b>Category/Head</b>	<b>FY 2016/2017</b>	<b>FY 2015/2016</b>	<b>FY 2014/2015</b>
		(budgeted)	(actual)	(actual)
<b>1</b>	<b>Salary, Allowance and Retirement benefits</b>	<b>210000000/-</b>	<b>200000000/-</b>	<b>180000000/-</b>
<b>2</b>	<b>Buildings (Construction and Maintenance) Under RUSA Grants</b>	-	-	<b>831000/-</b>
<b>3</b>	<b>Library and Laboratory</b>	<b>19000000/-</b>	<b>17500000/-</b>	<b>16000000/-</b>
<b>4</b>	<b>Scholarships</b>	-	-	-
<b>5</b>	<b>Grants to College</b>	<b>1836735</b>	<b>940000</b>	<b>712000</b>
<b>6</b>	<b>R &amp;D</b>	-	-	-
<b>7</b>	<b>Sports</b>	<b>600000/-</b>	<b>590000/-</b>	<b>575000/-</b>
<b>8</b>	<b>Other Expenses</b>	-	-	-
<b>9</b>	<b>Accounts (Audit) Status, whether audited? (Yes/No) If yes, by Local Fund/ CA</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

### Goals for the next 5 years

**1.To providequality education to weaker students (including SC ,ST, OBC)**

- 2. To provide and improve quality education to students who lost their earning member**
- 3. To provide and improve advanced theoretical and practical scientific knowledge to the students and develop research aptitude in them**
- 4. To develop personality of the students**
- 5. To prepare students for jobs and entrepreneurship**
- 6. To develop social responsibility in the students**
- 7. To develop eco-friendly activities**

## Detailed description of Goals

### Goal 1

#### Description

**Goal 1: To provide quality education to weaker students (including SC, ST, OBC)**

#### Milestones (Sub-goals)

- (i) Identification of weaker students.**
- (ii) Arrangement of additional extra classes /practicals**
- (iii) Construction of Girls 'Hostel for weaker section**

#### Why do you think this goal is achievable?

- (A) This college enrolled more than 50% from weaker sections.**
- (B) Identification of weaker students is possible.**
- (C) Additional extra classes can be arranged through remedial classes.**
- (D) For Girl's hostel, land is available in campus. PWD is ready to construct the hostel if fund is available.**
- (E) Good Books and stationary can be distributed.**

### Goal 2

#### Description

**Goal 2. To provide and improve quality education to students who lost their earning member**

#### Milestones (Sub-goals)

- (i) Admit such students in different subject combinations**
- (ii) College will bear all kind of fees**
- (iii) Provide some scholarship, if such students are not getting benefits from other resources**
- (iv) Popularise such scheme through college magazine and newspapers**
- (v) If fund is available, books and stationary can be distribute to student of this category.**

**Why do you think this goal is achievable?**

**(i) This goal is achievable because such categories of students are available .**

**Goal 3**

**Description**

**Goal 3. To provide and improve advance theoretical and practical scientific knowledge to the students and develop research aptitude in them.**

**Milestones(Sub-goals)**

- (i) To establish well equipped labs**
- (ii) To arrange research seminar / workshops**
- (iii) To arrange field trip /lab visit to B.Sc final year and M.Sc students .**
- (iv) To design job oriented courses in consultation with industries**
- (v) To arrange Modern teaching aids**
- (vi) To arrange training programmes**
- (vii) To enhance ICT facilities**
- (viii) To carry out Extension and renovation work on different departments, exam department and Boys' hostel**

**Why do you think this goal is achievable?**

- 1. College has more than 5000 student strength**
- 2. College has sufficient space and lab area.**
- 3. If we get sufficient fund, labs can be modernised and updated**
- 4. College can arrange seminar/workshop/field visit /lab visit /industry visit.**
- 5. College can permit teachers and students to attend seminar, workshop etc.**

**Goal 4**

**Description**

**To develop personality of the students**

**Milestones(Sub-goals)**

- (i) To arrange training programs**
- (ii) To arrange lecture series**
- (iii) To arrange visit of national/international experts**
- (iv) To arrange spoken English/Hindi classes**
- (V) To arrange mock interviews (A.V)**
- (V) Extra optional papers can be started related with goal**

**Why do you think this goal is achievable?**

- (i) Yes, This goal is achievable because all the facilities are available .**

**Goal 5**

**Description**

**To prepare students for jobs and entrepreneurship**

**Milestones(Sub-goals)**

- (i) To arrange visit of companies.**
- (ii) To obtain requirement of companies**
- (iii) To prepare students according to need of industry**
- (iv) To arrange skill based preparations ,training ,competitive classes**
- (v) To organise lecture series about entrepreneurship**

**Why do you think this goal is achievable?**

- (i) This goal is achievable goal as this involves faculty and students. Industries are easily accessible to arrange their visits.**

**Goal 6**

**Description**

**To develop social responsibility in the students**

**Milestones(Sub-goals)**

- (i) To visit of slum areas and to know their requirement.**
- (ii) To visit of orphanage and to know their requirement.**
- (iii) To visit of old age home and to know their requirement.**
- (iv) To organise a rally,healthcamp,awareness camp.**

**Why do you think this goal is achievable?**

**This goal is achievable goal as this involves NCC,NSS,Red-cross,students and faculty.**

**Goal 7**

**Description**

**To develop eco-friendly activities**

**Milestones(Sub-goals)**

- (i) To develop compost unit in the campus**
- (ii) To develop vermi compost in the campus.**
- (iii) To develop butterfly park**
- (iv) To develop medicinal garden**
- (v) To develop nakshatra garden**
- (vi) To develop nursery**

**Why do you think this goal is achievable?**

**This goal is achievable goal as this involves students , faculty and college staff.College has sufficient land and space for these activities**

**Year-wise Activity Plan**  
**Year 1 - Detailed description of Milestones (Sub-goals)**

**Goal 1:-To provide quality education to weaker students (including SC,ST,OBC)**

Milestone (Sub-goal)
Identification of weaker students

Example:
Increase in access by increasing intake from 1250 to 1500 by 2018.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	a. Arrangement of MCQ test to identify weaker students b. Identification of weaker students.	1.00 lakh	2017	2018
2	Optical mark reader	2.00 lakh	2017	2018
3	Printing press	10.00 lakh	2017	2018

Resources required for the above activities	Resources available for the above activities	Resource Gap
1. Optical mark reader 2. Printing press 3. Stationary	1. Classrooms 2. Qualified teachers for setting of question papers	1. Optical mark reader 2. Printing press

Activities required to achieve these milestones				
S.No.	Description	Estimated	Start Date	End Date

		Cost		
1	Arrangement of Theory classes	3.00 lakh	2017	2018
2	Arrangement of Practical classes	3.00 lakh	2017	2018
3	Construction of Girl's hostel Plinth,structure	1.00 crore	2017	2018
4	Miscellaneous	50000/-	2017	2018
Resources required for the above activities		Resources available for the above activities		Resource Gap
Honorarium to teachers TA/DA for invited lectures Construction material,P.W.D		Class rooms, laboratories Faculty		Fund and proposed equipments are not available,boarding and lodging facilities for weaker students are not available

**Persons responsible for conducting each activity**

- (i) Heads of Department
- (ii) Coordinator for Equity and Coordinator for Procurement
- (iii)Coordinator for finance
- (iv)Coordinator for civil work

**Persons responsible for monitoring each activity& its timely completion**

- (i) Principal
- (ii) Coordinator IDP and Associate Coordinator IDP
- (iii) Administrative Officer

**Goal-2:To provide and promote quality education to students who lost their earning member**

**Milestone (Sub-goal)**

- (i) Enrolment of such students in different subjects combinations
- (ii)College will bear all kind of fees
- (iii) Scholarship will be provided ,if such students are not getting benefits from other resources
- (iv) Popularising such scheme through college magazine and newspapers

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

**Activities required to achieve these milestones**

S.No.	Description	Estimated Cost	Start Date	End Date
1	Fee for Enrolled students	10.00 lakh	2017	2018
3	Scholarship to students @ Rs 10000/-per year per student	5.00 lakh	2017	2018
4	Popularisation of such scheme through college magazine and newspapers	10000/-	2017	2018
5	Books and stationary	50000/-	2017	2018
6	Miscellaneous	50000/-	2017	2018

Resources required for the above activities	Resources available for the above activities	Resource Gap
Scholarship ,Advertisement in newspapers	Class rooms, Faculty	Scholarship ,Advertisement in newspapers

**Persons responsible for conducting each activity**

- (i) Incharge ,Scholarship
- (ii) Coordinator for Procurement
- (iii) Coordinator for Academic Activities
- (iv) Coordinator for quality assurance
- (V) HOD' and class teachers

**Persons responsible for monitoring each activity& its timely completion**

- (i) Principal
- (II)Coordinator IDP & Associate Coordinator IDP

**Goal-3:-To provide and promote advance theoretical and practical scientific knowledge to the students and develop research aptitude in them**

**Milestone (Sub-goal)**

<b>(I)To establish well equipped labs</b>
<b>(II)To arrange research seminars / workshops</b>
<b>(III)To arrange field trip /lab visit to B.Sc final year and M.Sc students</b>
<b>(IV)To design job oriented courses in consultation with industries</b>
<b>(V) Extension and renovation work on different departments,exam department and Boys' hostel.</b>

**Example:**  
Increase in access by increasing intake from 1250 to 1500 by 2018.

**Activities required to achieve these milestones**

Description	Estimated Cost	Start Date	End Date
Procurement of equipments, computers ,LCD's , glass wares and chemicals etc. for departments	100.00lakh	2017	2018
Organisation of research seminars and workshops	20.00 lakh	2017	2018
Field trip and industry visit	20.00 lakh	2017	2018
Course designing by inviting industrialists and subject experts	2.00 lakh	2017	2018
Extension of Exam Department	19.99 lakh	2017	2018
Extension of Horticulture Department	19.89 lakh	2017	2018
Renovation and changing sheet of Seed dept.	20.11 lakh	2017	2018
Renovation work of Bio Technology Dept.	3.09 lakh	2017	2018
Construction of computer laboratory	225.66 lakh	2017	2018
Software for exam dept. to update website	1.00 lakh	2017	2018
Miscellaneous	50000/-	2017	2018

Resources required for the above activities	Resources available for the above activities	Resource Gap
Equipments and computers as per need of the departments	Labs and rooms	Some advanced equipments are required, Some equipments in more quantity are required

LCD'S	Some of the departments have LCD'S	LCD's for class rooms and some departments
Field trip and industry visit	-	Accommodation and trip charges
Invitation to Industrialists and subject experts	Meeting hall	Accommodation ,honorarium and TA/DA
Construction from PWD	Land area	Construction from PWD
Software to update website and for different departments	Computers and internet connection	Software to update website

#### Persons responsible for conducting each activity

- 1.All heads of the Department,
- 2.Coordinator for Equity, Access and Coordinator for Quality assurance
3. Coordinator for Finance activities

#### Persons responsible for monitoring each activity& its timely completion

- 1.Principal
- 2.All heads of the department,
- 3.Coordinator Finance activities
- 4.Coordinator, IDP & Associate Coordinator IDP
- 5,Administrative Officer

### **Goal-4:-To develop personality of the students**

#### Milestone (Sub-goal) 10,11 and 12

**1.To organise training programs for students, teaching and technical staff**

**2.To organise lecture series**

**3.visit of national/international experts**

<b>4.To organise spoken English/Hindi courses</b>
<b>5.To conduct mock interviews (A.V)</b>
<b>6.Renovation of basketball court</b>
<b>7.Construction of Indoor Stadium</b>

<b>Example:</b>
Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Training programme for students For technical staff</b>	<b>5.00 lakh 5.00 lakh</b>	<b>2017</b>	<b>2018</b>
<b>Participation of faculty in seminar/workshop/conferences/training</b>	<b>10.00 lakh</b>	<b>2017</b>	<b>2018</b>
<b>Lecture series</b>	<b>5.00 lakh</b>	<b>2017</b>	<b>2018</b>
<b>visit of national/international experts</b>	<b>2.00 lakh</b>	<b>2017</b>	<b>2018</b>
<b>Spoken English/Hindi Course</b>	<b>5.00 lakh</b>	<b>2017</b>	<b>2018</b>
<b>Mock Interviews (Audio-Visual)</b>	<b>1.00 lakh</b>	<b>2017</b>	<b>2018</b>
<b>Renovation of basketball court</b>	<b>6.41 lakh</b>	<b>2017</b>	<b>2018</b>
<b>Construction of Indoor Stadium</b>	<b>169.00 lakh</b>	<b>2017</b>	<b>2018</b>

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
<b>Conference venue equipped with audio-visual aids Construction material and PWD</b>	<b>Conference hall and lecture rooms, Land area</b>	<b>Accommodation, Honorarium ,TA/DA,contingency  Construction material and</b>

		PWD
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<b>Persons responsible for conducting each activity</b>
<p>All heads of the Department,  Coordinator for Academic Activities, coordinator for Quality, Equity and access  Coordinator Finance activities</p>

<b>Persons responsible for monitoring each activity &amp; its timely completion</b>
<p>All heads of the department,  Coordinator Finance activities  Coordinator, IDP &amp; Associate Coordinators IDP  Principal</p>

**Goal-5:-To prepare students for jobs and entrepreneurship**

<b>Milestone (Sub-goal)</b>
<b>(I)To arrange visit of companies.</b>
<b>(II)To obtain requirement of companies</b>
<b>(III)To prepare students according to need of industry</b>
<b>(IV)Skill based preparations ,training ,competitive classes</b>
<b>(V) To organise lecture series to aware the students about the in-outs regarding the entrepreneurship</b>

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
College-industry meet	10.00 lakh	2017	2018
Designing/modification of syllabus	5.00 lakh	2017	2018
Skill based programmes	5.00 lakh	2017	2018
Lecture series	2.00 lakh	2017	2018

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
Conference venue equipped with audio-visual aids Permission from DHE to start new courses	Conference Hall Lecture rooms Placement cell	Accommodation, Honorarium ,TA/DA,contingency Permission from DHE to start new courses Meeting will be arranged in hotel

**Persons responsible for conducting each activity**

- (i) Incharge, Career and counselling cell
- (ii) Coordinator for Academic Activities, Access, Equity and Quality assurance
- (iii) Coordinator Finance activities

**Persons responsible for monitoring each activity & its timely completion**

Incharge, Career and counselling cell  
Coordinator Finance activities  
Coordinator, IDP & Associate Coordinator IDP  
Principal

## Goal-6:-To develop social responsibility in the students

### Milestone (Sub-goal) 13 and 14

(i) To visit slum areas and to know their requirement.

(II) To visit orphanage and to know their requirement

(III) To visit old age home and to know their requirement

(IV) To organise a rally, healthcamps and awareness camps

(V) To adopt villages for their sustainable development

### Example:

Increase in access by increasing intake from 1250 to 1500 by 2018.

### Activities required to achieve these milestones

Description	Estimated Cost	Start Date	End Date
Visit to slum areas, orphanage and old age home	5.00 lakh	2017	2018
Organisation of rallies, health camps and awareness camp	5.00 lakh	2017	2018
Adoption of villages	5.00 lakh	2017	2018

Resources required for the above activities	Resources available for the above activities	Resource Gap
<p>Cloths,medicines and daily needs items Banners,stickers,hand Held speakers,sticks,playcards,pamphlets,,dustbins, playcards,pamphlets,readingmaterials, development work in villages</p>	<p>Students and faculty</p>	<p>Cloths,medicines and daily needs items Fund for organising rallies, awareness camps and health camps Banners,stickers,hand Held speakers,sticks, play cards,pampletsplatycards,dustbins,readingmaterials,development work in villages</p>

Persons responsible for conducting each activity
<p>1.Incharge NCC,NSS and Red Cross 2.Coordinator for Procurement, coordinator for Equity, access and Quality assurance 3. Coordinator Finance activities</p>
Persons responsible for monitoring each activity & its timely completion
<p>1. Coordinator Finance activities 2.Coordinator, IDP &amp; Associate Coordinator IDP 3.Principal</p>

## Goal-7:-To develop eco-friendly activities

### Milestone (Sub-goal) 13 and 14

- (I) To develop compost unit in the campus**
- (II) To develop vermi compost in the campus.**
- (III) To develop butterfly park**
- (IV) To develop medicinal garden**
- (IV) To develop nakshatra garden**
- (V) To develop nursery**
- (VI) Training program for eco friendly activities**

### Example:

Increase in access by increasing intake from 1250 to 1500 by 2018.

#### Activities required to achieve these milestones

Description	Estimated Cost	Start Date	End Date
Compost unit	5.00 lakh	2017	2018
Vermi compost	5.00 lakh	2017	2018
Butterfly park	3.00 lakh	2017	2018
Medicinal and nakshatra garden	2.00 lakh	2017	2018
Nursery	2.00 lakh	2017	2018
Training program for eco friendly activities	5.00 lakh	2017	2018
<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>		<b>Resource Gap</b>
Iron framing,greennet, Iron gate shade,bricks,cement,pesticides,fertilizer s,seeds, ,plants and all necessary items related to the their development.	College has gardeners and open space to develop gardens and composting		Iron framing,green net, Iron gate shade,bricks,cement, pesticides,fertilizers,s eeds, ,plants and all necessary items related to their development

**Persons responsible for conducting each activity**

- (i) Heads of Botany, Seed and Horticulture Departments**
- (ii) Coordinator for Procurement, Equity, access and Quality assurance**
- (iii) Coordinator Finance activities**

**Persons responsible for monitoring each activity & its timely completion**

- 1. Heads of Botany, Seed and Horticulture Departments**
- 2. Coordinator Finance activities**
- 3. Coordinator, IDP & Associate Coordinator IDP**
- 4. Principal**

**Year-wise Activity Plan**  
**Year 2 - Detailed description of Milestones (Sub-goals)**

**Goal 1:-To provide quality education to weaker students (including SC, ST,OBC)**

Milestone (Sub-goal)
<b>Identification of weaker students</b> <b>Activities for already admitted students( IInd year onward)</b> <b>Maintenance of already purchased equipments</b>

Example:
<b>Increase in access by increasing intake from 1250 to 1500 by 2018.</b>

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	<b>a. Arrangement of MCQ test to identify new weaker students</b>  <b>b. Identification of weaker students.</b>	1.00 lakh	2018	2019
2	<b>Maintenance of equipment</b>	1.00 lakh	2018	2019

Resources required for the above activities	Resources available for the above activities	Resource Gap
<b>1.Optical mark reader</b>  <b>2.Printing press</b> <b>3. Stationary</b>	<b>1.Classrooms</b> <b>2.Qualified teachers for setting of question papers</b>	<b>1.Optical mark reader</b>  <b>2.Printing press</b>

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	<b>Arrangement of Theory classes</b>	6.00 lakh	2018	2019
2	<b>Arrangement of Practical classes</b>	6.00 lakh	2018	2019

3	Construction of Girl's hostel Finishing and furnishing	1.50 crore	2018	2019
Resources required for the above activities		Resources available for the above activities	Resource Gap	
Honorarium to teachers TA/DA for invited lectures Construction material,P.W.D		Class rooms, laboratories Faculty	Honorarium to teachers TA/DA for invited lectures Construction material Maintenance of Boy's hostel,P.W.D	

**Persons responsible for conducting each activity**

- (i) Heads of Department
- (ii) Coordinator for Equity and Coordinator for Procurement
- (iii) Coordinator for finance

**Persons responsible for monitoring each activity & its timely completion**

- (i) Principal
- (ii) Coordinator IDP

**Goal-2: To provide and promote quality education to students who lost their earning member**

**Milestone (Sub-goal)**

- (I) Enrolment of such students in different subjects combinations
- (II) College will bear all kind of fees
- (III) Scholarship will be provided ,if such students are not getting benefits from other resources
- (IV) Popularising such scheme through college magazine and newspapers

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	Enrolment of students in different subject combinations (fee)	15.00 lakhs	2018	2019
3	Scholarship to students(also for the year 2017-18)	10.00 lakhs	2018	2019

4	Popularisation of such scheme through college magazine and newspapers	10000/-	2018	2019
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Resources required for the above activities	Resources available for the above activities	Resource Gap
Scholarship ,Advertisement in newspapers	Class rooms, Faculty	Scholarship ,Advertisement in newspapers

Persons responsible for conducting each activity
Incharge ,Scholarship Coordinator for Procurement Coordinator for Academic Activities a Coordinator for quality assurance
Persons responsible for monitoring each activity & its timely completion
Principal Coordinator IDP & Associate Coordinator IDP

**Goal-3:- To provide and promote advanced theoretical and practical scientific knowledge to the students and develop research aptitude in them**

Milestone (Sub-goal)
(I) To establish well equipped labs
(II) To arrange research seminars / workshops

**(III) To arrange field trip /lab visit to B.Sc final year and M.Sc students**

**(IV) To design job oriented courses in consultation with industries**

**(V) To carry put Extension and renovation work on different departments and Boys' hostel**

**(VI) Maintenance**

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Procurement of equipments, computers LCD's etc. for departments</b>	<b>100.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Organisation of research seminars and workshops</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Field trip and industry visit</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Extension of Chemistry Department, acid room, gas room and water distillation room</b>	<b>19.88 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Construction of class rooms in Botany dept.</b>	<b>19.20 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Extension of Microbiology Department</b>	<b>19.89 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Software for exam dept. to update website and for different departments</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Maintenance of equipments etc.</b>	<b>2.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>	
<b>Equipments and computers as per need of the departments</b>	<b>Labs and rooms</b>	<b>Some advanced equipments are required, Some equipments in more quantity are required</b>	
<b>LCD'S</b>	<b>Some of the departments have LCD'S</b>	<b>LCD's for class rooms and some departments</b>	
<b>Field trip and industry visit</b>	<b>-</b>	<b>Accommodation and trip charges</b>	

Invitation to Industrialists and subject experts	Meeting hall	Accommodation ,honorarium and TA/DA
Construction from PWD	Land area	Construction from PWD
Software to update website and for different departments	Computers and internet connection	Software to update website

**Persons responsible for conducting each activity**

- 1.All heads of the Department,
- 2.Coordinator for Equity, Access and Coordinator for Quality assurance
3. Coordinator for Finance activities

**Persons responsible for monitoring each activity& its timely completion**

- 1.Principal
- 2.All heads of the department,
- 3.Coordinator Finance activities
- 4.Coordinator, IDP & Associate Coordinator IDP

**Goal-4:-To develop personality of the students**

**Milestone (Sub-goal)**

**1.To organise training programs for students ,teaching and technical staff**

**2.To organise lecture series**

**3.visit of national/international experts**

**4.To organise spoken English/Hindi courses**

**5.To conduct Mock interviews (A.V)**

**6.Maintenance of basketball court and Indoor Stadium**

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Training programme</b> <b>a.for students</b> <b>b. technical staff</b>	<b>5.00 lakh</b> <b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Seminars/workshop/conferences/training for faculty</b>	<b>10.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Lecture series</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>visit of national/international experts</b>	<b>2.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Spoken English/Hindi Course</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Mock Interview (Audio-Visual)</b>	<b>1.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Maintenance of outdoor sports field</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Maintenance of Indoor Stadium</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
<b>Conference venue equipped with audio-visual aids</b> <b>Construction material and PWD</b>	<b>Conference hall and lecture rooms, Land area</b>	<b>Accommodation, Honorarium, TA/DA, contingency</b> <b>Construction material and PWD</b>

**Persons responsible for conducting each activity**

All heads of the Department,  
Coordinator for Academic Activities, coordinator for Quality, Equity and access  
Coordinator Finance activities

**Persons responsible for monitoring each activity & its timely completion**

All heads of the department,  
Coordinator Finance activities  
Coordinator, IDP & Associate Coordinators IDP  
Principal

**Goal-5:- To prepare students for jobs and entrepreneurship**

**Milestone (Sub-goal)**

**(I) To arrange visit of companies.**

**(II) To obtain requirement of companies**

**(III) To prepare students according to need of industry**

**(IV) Skill based preparations ,training ,competitive classes**

**(V) To arrange lecture series to aware the students about entrepreneurship**

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

**Activities required to achieve these milestones**

Description	Estimated Cost	Start Date	End Date
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College-industry meet	15.00 lakh	2018	2019
Designing/modification of syllabus	5.00 lakh	2018	2019
Skill based programmes	1.00 lakh	2018	2019
Lecture series	2.00 lakh	2018	2019

Resources required for the above activities	Resources available for the above activities	Resource Gap
Conference venue equipped with audio-visual aids Permission from DHE to start new courses	Conference Hall Lecture rooms Placement cell	Accommodation, Honorarium ,TA/DA, contingency Permission from DHE to start new courses

Persons responsible for conducting each activity
Incharge, Career and counselling cell Coordinator for Academic Activities, Access, Equity and Quality assurance Coordinator Finance activities

Persons responsible for monitoring each activity & its timely completion
Incharge, Career and counselling cell Coordinator Finance activities Coordinator, IDP & Associate Coordinator IDP Principal

### **Goal-6:- To develop social responsibility in the students**

Milestone (Sub-goal)
(I) To visit slum areas and to know their requirement.

<b>(II)To visit orphanage and to know their requirement</b>
<b>(III)To visit old age home and to know their requirement</b>
<b>(IV)To organise a rally, health camps and awareness camps</b>
<b>(V) To adopt villages for their sustainable development</b>

**Example:**  
 Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Visit to slum areas, orphanage and old age home</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Organisation of rallies,health camps and awareness camp</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Adoption of villages</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
<b>Cloths,medicines and daily needs items Banners,stickers,hand Held speakers,sticks,playcards,pamphlets,, dustbins, playcards,pamphlets,readingmaterials</b>	<b>Students and faculty</b>	<b>Cloths,medicines and daily needs items Fund for organising rallies, awareness camps and health camps Banners,stickers,hand Held speakers,sticks, play cards,pampletsplatycards,dustbins,readingmaterials,development work in villages</b>

,development work in villages		
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**Persons responsible for conducting each activity**

- 1.Incharge NCC,NSS and Red Cross
- 2.Coordinator for Procurement, coordinator for Equity, access and Quality assurance
- 3. Coordinator Finance activities

**Persons responsible for monitoring each activity & its timely completion**

- 1. Coordinator Finance activities
- 2.Coordinator, IDP & Associate Coordinator IDP
- 3.Principal

**Goal-7:-To develop eco-friendly activities**

**Milestone (Sub-goal)**

- (I)To develop compost unit in the campus
- (II)To develop vermi compost in the campus.
- (III)To develop butterfly park
- (IV)To develop medicinal garden
- (V)To develop nakshatra garden
- (VI)To develop nursery

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
Maintenance of Compost unit	50000/-	2018	2019
Maintenance of Vermi compost	50000/	2018	2019
Maintenance of Butterfly park	30000/	2018	2019
Maintenance of Medicinal and nakshatra garden	20000/	2018	2019
Maintenance of Nursery	20000/	2018	2019
Training program for eco friendly activities	5.00 lakh	2018	2019
<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>		<b>Resource Gap</b>
Pesticides,fertilizers,seeds, ,plants and all necessary items related to the their development.	College has gardeners and open space to develop gardens and composting		Pesticides,fertilizers,seeds, ,plants and all necessary items related to their development
<b>Persons responsible for conducting each activity</b>			
<p align="center"> <b>Heads of Botany, Seed and Horticulture Departments</b>  <b>Coordinator for Procurement, Equity, access and Quality assurance</b>  <b>Coordinator Finance activities</b> </p>			
<b>Persons responsible for monitoring each activity&amp; its timely completion</b>			
<p align="center"> <b>1.Heads of Botany, Seed and Horticulture Departments</b>  <b>2.Coordinator Finance activities</b>  <b>3.Coordinator, IDP &amp; Associate Coordinator IDP</b>  <b>4.Principal</b> </p>			

**Year-wise Activity Plan**  
**Year 3 - Detailed description of Milestones (Sub-goals)**

**Goal 1:-To provide quality education to weaker students (including SC, ST,OBC)**

<b>Milestone (Sub-goal) 1</b>
<b>Identification of weaker students</b>

<b>Example:</b>
<b>Increase in access by increasing intake from 1250 to 1500 by 2018.</b>

<b>Activities required to achieve these milestones</b>				
<b>S.No.</b>	<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>1</b>	<b>a.Arrangement of MCQ test to identify weaker students</b>	<b>1.0 0 lakh</b>	<b>2018</b>	<b>2019</b>
	<b>b.Identification of weaker students.</b>			

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
<b>1.Optical mark reader</b>	<b>1.Classrooms</b>	<b>1.Optical mark reader</b>
<b>2.Printing press</b>	<b>2.Qualified teachers for setting of question papers</b>	<b>2.Printing press</b>
<b>3. Stationary</b>		

<b>Activities required to achieve these milestones</b>				
<b>S.No.</b>	<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>1</b>	<b>Arrangement of Theory classes</b>	<b>9.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>2</b>	<b>Arrangement of Practical classes</b>	<b>9.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>3</b>	<b>Maintenance of Girl's hostel</b>	<b>5.00 lakh</b>	<b>2018</b>	<b>2019</b>

<b>4</b>	<b>Maintenance of equipment</b>	<b>1.00 lakh</b>	<b>2018</b>	<b>2019</b>
<b>Resources required for the above activities</b>		<b>Resources available for the above activities</b>	<b>Resource Gap</b>	
Honorarium to teachers TA/DA for invited lectures Construction material,P.W.D		Class rooms, laboratories Faculty	Honorarium to teachers TA/DA for invited lectures Construction material Maintenance of Boy's hostel,P.W.D	

**Persons responsible for conducting each activity**

- (i) Heads of Department**
- (ii) Coordinator for Equity and Coordinator for Procurement**
- (iii) Coordinator for finance**

**Persons responsible for monitoring each activity & its timely completion**

- (i) Principal**
- (ii) Coordinator IDP**

**Goal-2: To provide quality education to students who lost their earning member**

**Milestone (Sub-goal)**

- (I) Enrolment of such students in different subjects combinations**
- (II) College will bear all kind of fees**
- (III) Scholarship will be provided ,if such students are not getting benefits from other resources**
- (IV) Popularising such scheme through college magazine and newspapers**

**Example:**

**Increase in access by increasing intake from 1250 to 1500 by 2018.**

**Activities required to achieve these milestones**

<b>S.No.</b>	<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
1	Enrolment of students in different subject combinations	15.00 lakhs	2019	2020
3	Scholarship to students(also for years 2017-18,2018-19)	15.00 lakh	2019	2020

Resources required for the above activities	Resources available for the above activities	Resource Gap
Scholarship ,Advertisement in newspapers	Class rooms, Faculty	Scholarship ,Advertisement in newspapers

Persons responsible for conducting each activity
<p>Incharge ,Scholarship  Coordinator for Procurement  Coordinator for Academic Activities a  Coordinator for quality assurance</p>
Persons responsible for monitoring each activity& its timely completion
<p>Principal  Coordinator IDP &amp; Associate Coordinator IDP</p>

**Goal-3:-To provide practical scientific knowledge to the students and develop research aptitude in them**

Milestone (Sub-goal)
(I)To establish well equipped labs
(II)To arrange research seminars / workshops
(III)To arrange field trip /lab visit to B.Sc final year and M.Sc students
(IV)To design job oriented courses in consultation with industries
(V)Extension and renovation work on different departments

Example:
Increase in access by increasing intake from 1250 to 1500 by 2018.

Activities required to achieve these milestones			
Description	Estimated Cost	Start Date	End Date
Procurement of equipments, computers LCD's etc. for departments	50.00 lakh	2019	2020
Organisation of research seminars and workshops	5.00 lakhs	2019	2020
Field trip and industry visit	5.00 lakh	2019	2020
Course designing/modification by inviting industrialists and subject experts	2.00 lakh	2019	2020
Extension of Fishries Department	18.21 lakh	2019	2020
Extension of Bio chemistry Department	18.88 lakh	2019	2020
Software for exam dept. to update website and for different departments	1.00 lakh	2019	2020
Extension and Renovation of Boy's hostel	19.88 lakh	2019	2020
Maintenance etc.	5.00 lakh	2019	2020

Resources required for the above activities	Resources available for the above activities	Resource Gap
Equipments and computers as per need of the departments	Labs and rooms	Some advanced equipments are required, Some equipments in more quantity are required
LCD'S	Some of the departments have LCD'S	LCD's for class rooms and some departments
Field trip and industry visit	-	Accommodation and trip charges
Invitation to Industrialists and subject experts	Meeting hall	Accommodation ,honorarium and TA/DA
Construction from PWD	Land area	Construction from PWD
Software to update website and for different departments	Computers and internet connection	Software to update website

#### Persons responsible for conducting each activity

- 1.All heads of the Department,
- 2.Coordinator for Equity, Access and Coordinator for Quality assurance
3. Coordinator for Finance activities

#### Persons responsible for monitoring each activity & its timely completion

- 1.Principal
- 2.All heads of the department,
- 3.Coordinator Finance activities
- 4.Coordinator, IDP & Associate Coordinator IDP

### **Goal-4:- To develop personality of the students**

#### Milestone (Sub-goal)

**1.To organise training programs for students, teaching and technical staff**

**2.To organise lecture series**

<b>3.visit of national/international experts</b>
<b>4.To organise spoken English/Hindi courses</b>
<b>5.To conduct interviews (A.V)</b>
<b>6.Maintenance of basketball court and Indoor Stadium</b>

**Example:**  
 Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Training programme</b> a. for students b. technical staff	<b>5.00 lakh</b> <b>5.00 lakh</b>	<b>2019</b>	<b>2020</b>
<b>Seminar/workshop/conference/training for faculty</b>	<b>10. lakh</b>	<b>2019</b>	<b>2020</b>
<b>Lecture series</b>	<b>5.00 lakh</b>	<b>2019</b>	<b>2020</b>
<b>visit of national/international experts</b>	<b>2.00 lakh</b>	<b>2019</b>	<b>2020</b>
<b>Spoken English/Hindi Course</b>	<b>5.00 lakh</b>	<b>2019</b>	<b>2020</b>
<b>More Interviews (Audio-Visual)</b>	<b>1.00 lakh</b>	<b>2019</b>	<b>2020</b>
<b>Maintenance of basketball court</b>	<b>1.00 lakh</b>	<b>2019</b>	<b>2020</b>
<b>Maintenance of Indoor Stadium</b>	<b>10.00 lakh</b>	<b>2019</b>	<b>2020</b>

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
<b>Conference venue equipped with audio-visual aids</b> <b>Maintenance by PWD</b>	<b>Conference hall and lecture rooms, Land area</b>	<b>Accommodation, Honorarium ,TA/DA,contingency</b> <b>Maintenance by PWD</b>

**Persons responsible for conducting each activity**

**All heads of the Department,  
Coordinator for Academic Activities, coordinator for Quality, Equity and access  
Coordinator Finance activities**

**Persons responsible for monitoring each activity & its timely completion**

**All heads of the department,  
Coordinator Finance activities  
Coordinator, IDP & Associate Coordinators IDP  
Principal**

**Goal-5:- To prepare students for jobs and entrepreneurship**

**Milestone (Sub-goal)**

**(I) To arrange visit of companies.**

**(II) To obtain requirement of companies**

**(III) To prepare students according to need of industry**

**(IV) Skill based preparations ,training ,competitive classes**

**(V) To organise lecture series to aware the students regarding entrepreneurship**

**Example:**

**Increase in access by increasing intake from 1250 to 1500 by 2018.**

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
College-industry meet	15.00 lakh	2019	2020
Designing/modification of syllabus	5.00 lakh	2019	2020
Skill based programmes	1.00 lakh	2019	2020
Lecture series	2.00 lakh	2019	2020

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
Conference venue equipped with audio-visual aids Permission from DHE to start new courses	Conference Hall Lecture rooms Placement cell	Accommodation, Honorarium ,TA/DA, contingency Permission from DHE to start new courses

<b>Persons responsible for conducting each activity</b>
Incharge, Career and counselling cell Coordinator for Academic Activities, Access, Equity and Quality assurance Coordinator Finance activities

<b>Persons responsible for monitoring each activity &amp; its timely completion</b>
Incharge, Career and counselling cell Coordinator Finance activities Coordinator, IDP & Associate Coordinator IDP Principal

## Goal-6:-To develop social responsibility in the students

Milestone (Sub-goal)
<b>(I) To visit slum areas and to know their requirement.</b>
<b>(II)To visit orphanage and to know their requirement</b>
<b>(III)To visit old age home and to know their requirement</b>
<b>(IV)To organise a rally, healthcamps and awareness camps</b>
<b>(V)To adopt villages for their sustainable development</b>

Example:
<b>Increase in access by increasing intake from 1250 to 1500 by 2018.</b>

Activities required to achieve these milestones			
Description	Estimated Cost	Start Date	End Date
Visit to slum areas, orphanage and old age home	5.00 lakhs	2019	2020
Organisation of rallies,health camps and awareness camp	5.00 lakhs	2019	2020
Adoption of villages	5.00 lakh	2019	2020

Resources required for the activities	above	Resources available for the above activities	Resource Gap
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<p>Cloths,medicines and daily needs items Banners,stickers,hand Held speakers,sticks,playcards,pamphlets,, dustbins, playcards,pamphlets,readingmaterials ,development work in villages</p>	<p>Students and faculty</p>	<p>Cloths,medicines and daily needs items Fund for organising rallies, awareness camps and health camps Banners,stickers,hand Held speakers,sticks, play cards,pampletsplatycards,dustbins,readingmaterials,development work in villages</p>
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<p><b>Persons responsible for conducting each activity</b></p>
<p>1.Incharge NCC,NSS and Red Cross 2.Coordinator for Procurement, coordinator for Equity, access and Quality assurance 3. Coordinator Finance activities</p>
<p><b>Persons responsible for monitoring each activity &amp; its timely completion</b></p>
<p>1. Coordinator Finance activities 2.Coordinator, IDP &amp; Associate Coordinator IDP 3.Principal</p>

### **Goal-7:-To develop eco-friendly activities**

<p><b>Milestone (Sub-goal)</b></p>
<p>(I)To develop compost unit in the campus (II)To develop vermi compost in the campus. (III)To develop butterfly park (IV)To develop medicinal garden (V)To develop nakshatra garden (VI)To develop nursery</p>

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

**Activities required to achieve these milestones**

Description	Estimated Cost	Start Date	End Date
Maintenance of Compost unit	50000/-	2019	2020
Maintenance of Vermi compost	50000/-	2019	2020
Maintenance of Butterfly park	30000/-	2019	2020
Maintenance of Medicinal and nakshatragarden	20000/-	2019	2020
Maintenance of Nursery	20000/-	2019	2020
Training program for eco friendly activities	5.00 lakh	2019	2020

Resources required for the above activities	Resources available for the above activities	Resource Gap
pesticides,fertilizers,seeds, ,plants and all necessary items related to the their development.	College has gardeners and open space to develop gardens and composting	pesticides,fertilizers,seeds, ,plants and all necessary items related to their development

**Persons responsible for conducting each activity**

**Heads of Botany, Seed and Horticulture Departments**  
**Coordinator for Procurement, Equity, access and Quality assurance**  
**Coordinator Finance activities**

**Persons responsible for monitoring each activity& its timely completion**

**Coordinator for Procurement, Equity, access and Quality assurance**  
**Coordinator Finance activities**  
**Coordinator IDP**  
**Principal**

**Year-wise Activity Plan**  
**Year4 - Detailed description of Milestones (Sub-goals)**

**Goal 1:-To provide quality education to weaker students (including ST, SC, OBC)**

Milestone (Sub-goal)
<b>Identification of weaker students</b>

Example:
Increase in access by increasing intake from 1250 to 1500 by 2018.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	a.Arrangement of MCQ test to identify weaker students  b.Identification of weaker students.	1.0 0 lakh	2020	2021

Resources required for the above activities	Resources available for the above activities	Resource Gap
1.Optical mark reader  2.Printing press 3. Stationary	1.Classrooms 2.Qualified teachers for setting of question papers	1.Optical mark reader  2.Printing press

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	Arrangement of Theory classes	9.00 lakh	2020	2021
2	Arrangement of Practical classes	9.00 lakh	2020	2021
3	Maintenance of Girl's hostel	5.00 lakh	2020	2021

4	Maintenance of equipment	1.00 lakh	2020	2021
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Resources required for the above activities	Resources available for the above activities	Resource Gap
Honorarium to teachers TA/DA for invited lectures Maintenance by P.W.D	Class rooms, laboratories Faculty	Honorarium to teachers TA/DA for invited lectures Construction material Maintenance by P.W.D

**Persons responsible for conducting each activity**

- (i) Heads of Department
- (ii) Coordinator for Equity and Coordinator for Procurement
- (iii) Coordinator for finance

**Persons responsible for monitoring each activity & its timely completion**

- (i) Principal
- (ii) Coordinator IDP

**Goal-2: To provide and promote quality education to students who lost their earning member**

**Milestone (Sub-goal)**

- (I) Enrolment of such students in different subjects combinations
- (II) College will bear all kind of fees
- (III) Scholarship will be provided ,if such students are not getting benefits from other resources
- (IV) Popularising such scheme through college magazine and newspapers

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	Enrolment of students in different subject combinations	15.00 lakh	2020	2021

3	Scholarship to students (also for years 2017-18,2018-19,2019-20)	15.00 lakh	2020	2021
4	Popularisation of such scheme through college magazine and newspapers	10000/-	2020	2021

Resources required for the above activities	Resources available for the above activities	Resource Gap
Scholarship ,Advertisement in newspapers	Class rooms, Faculty	Scholarship ,Advertisement in newspapers

Persons responsible for conducting each activity
Incharge ,Scholarship Coordinator for Procurement Coordinator for Academic Activities a Coordinator for quality assurance
Persons responsible for monitoring each activity& its timely completion
Principal Coordinator IDP & Associate Coordinator IDP

**Goal-3:-To provide and promote advance theoretical and practical scientific knowledge to the students and develop research aptitude in them**

Milestone (Sub-goal)
(I)To establish well equipped labs
(II)To arrange research seminars / workshops
(III)To arrange field trip /lab visit to B.Sc final year and M.Sc students

**(IV) To design job oriented courses in consultation with industries**

**(V) Extension and renovation work on different departments**

**Example:**

**Increase in access by increasing intake from 1250 to 1500 by 2018.**

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Procurement of equipments, computers LCD's etc. for departments</b>	<b>20.00lakh</b>	<b>2020</b>	<b>2021</b>
<b>Organisation of research seminars and workshops</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Field trip and industry visit</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Course designing /modification by inviting industrialists and subject experts</b>	<b>2.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Extension of Geology Department</b>	<b>20.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Bridge between Biotechnology and Bioinformatics dept.</b>	<b>2.20 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Extension of Bioinformatics Department</b>	<b>19.99 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Extension of Microbiology Department</b>	<b>19.89 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Software for exam dept. to update website and for different departments</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Maintanance</b>	<b>5.00lakh</b>	<b>2020</b>	<b>2021</b>
<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>	
<b>Equipments and computers as per need of the departments</b>	<b>Labs and rooms</b>	<b>Some advanced equipments are required, Some equipments in more quantity are required</b>	
<b>LCD'S</b>	<b>Some of the departments have LCD'S</b>	<b>LCD's for class rooms and some departments</b>	

Field trip and industry visit	-	Accommodation and trip charges
Invitation to Industrialists and subject experts	Meeting hall	Accommodation ,honorarium and TA/DA
Construction from PWD	Land area	Construction from PWD
Software to update website and for different departments	Computers and internet connection	Software to update website

**Persons responsible for conducting each activity**

- 1.All heads of the Department,
- 2.Coordinator for Equity, Access and Coordinator for Quality assurance
3. Coordinator for Finance activities

**Persons responsible for monitoring each activity & its timely completion**

- 1.Principal
- 2.All heads of the department,
- 3.Coordinator Finance activities
- 4.Coordinator, IDP & Associate Coordinator IDP

**Goal-4:- To develop personality of the students**

**Milestone (Sub-goal)**

**1.To organise training programs for students and teaching and technical staff**

**2.To organise lecture series**

<b>3.visit of national/international experts</b>
<b>4.To organise spoken English/Hindi courses</b>
<b>5.To conduct Mock interviews (A.V)</b>
<b>6.Maintenance of basketball court and Indoor Stadium</b>

**Example:**  
 Increase in access by increasing intake from 1250 to 1500 by 2018.

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Training programme a.for students b. technical staff</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Seminar/workshop/conference/training for faculty</b>	<b>10.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Lecture series</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>visit of national/international experts</b>	<b>2.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Spoken English/Hindi Course</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>More Interviews (Audio-Visual)</b>	<b>1.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Maintenance of out door sports field</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>maintenance of Indoor Stadium</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
<b>Conference venue equipped with audio-visual aids Maintenance by PWD</b>	<b>Conference hall and lecture rooms, Land area</b>	<b>Accommodation, Honorarium ,TA/DA,contingency  Maintenance by PWD</b>

**Persons responsible for conducting each activity**

All heads of the Department,  
Coordinator for Academic Activities, coordinator for Quality, Equity and access  
Coordinator Finance activities

**Persons responsible for monitoring each activity & its timely completion**

All heads of the department,  
Coordinator Finance activities  
Coordinator, IDP & Associate Coordinators IDP  
Principal

**Goal-5:- To prepare students for jobs and entrepreneurship**

**Milestone (Sub-goal)**

**(I) To arrange visit of companies.**

**(II) To obtain requirement of companies**

**(III) To prepare students according to need of industry**

**(IV) Skill based preparations ,training ,competitive classes**

**(V) To organise lecture series regarding entrepreneurship**

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

**Activities required to achieve these milestones**

Description	Estimated Cost	Start Date	End Date
College-industry meet	15.00 lakh	2020	2021
Designing/modification of syllabus	5.00 lakh	2020	2021
Skill based programmes	5.00 lakh	2020	2021
Lecture series	2.00 lakh	2020	2021

Resources required for the above activities	Resources available for the above activities	Resource Gap
Conference venue equipped with audio-visual aids Permission from DHE to start new courses	Conference Hall Lecture rooms Placement cell	Accommodation, Honorarium ,TA/DA, contingency Permission from DHE to start new courses

Persons responsible for conducting each activity
Incharge,Career and counselling cell Coordinator for Academic Activities, Access, Equity and Quality assurance Coordinator Finance activities

Persons responsible for monitoring each activity & its timely completion
Incharge, Career and counselling cell Coordinator Finance activities Coordinator, IDP & Associate Coordinator IDP Principal

**Goal-6:- To develop social responsibility in the students**

**Milestone (Sub-goal)**

**(I) To visit slum areas and to know their requirement.**

**(II) To visit orphanage and to know their requirement**

**(III) To visit old age home and to know their requirement**

**(IV) To organise a rally, health camps and awareness camps**

**(V) To adopt villages for their sustainable development**

**Example:**

**Increase in access by increasing intake from 1250 to 1500 by 2018.**

**Activities required to achieve these milestones**

Description	Estimated Cost	Start Date	End Date
Visit to slum areas, orphanage and old age home	5.00 lakh	2020	2021
Organisation of rallies, health camps and awareness camp	5.00 lakh	2020	2021
Adoption of villages	5.00 lakh	2020	2021

Resources required for the above activities	Resources available for the above activities	Resource Gap
Cloths, medicines and daily needs items Banners, stickers, hand Held speakers, sticks, playcards, pamphlets,,	Students and faculty	Cloths, medicines and daily needs items Fund for organising rallies, awareness camps and health camps Banners, stickers, hand Held speakers, sticks, play

dustbins, playcards,pamphlets,readingmaterials ,development work in villages		cards,pamphlets,playcards,dustbins,readingmate rials,development work in villages
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<b>Persons responsible for conducting each activity</b>
<p>1.Incharge NCC,NSS and Red Cross 2.Coordinator for Procurement, coordinator for Equity, access and Quality assurance 3. Coordinator Finance activities</p>
<b>Persons responsible for monitoring each activity&amp; its timely completion</b>
<p>1. Coordinator Finance activities 2.Coordinator, IDP &amp; Associate Coordinator IDP 3.Principal</p>

### **Goal-7:-To develop eco-friendly activities**

<b>Milestone (Sub-goal)</b>
<p>(I)To develop compost unit in the campus (II)To develop vermi compost in the campus. (III)To develop butterfly park (IV)To develop medicinal garden (V)To develop nakshatra garden (VI)To develop nursery</p>

<b>Example:</b>			
Increase in access by increasing intake from 1250 to 1500 by 2018.			
<b>Activities required to achieve these milestones</b>			
Description	Estimated Cost	Start Date	End Date
Maintenance of Compost unit	50000/-	2020	2021
Maintenance of Vermi compost	50000/-	2020	2021
Maintenance of Butterfly park	30000/-	2020	2021
Maintenance of Medicinal and	20000/-	2020	2021

<b>nakshatra garden</b>			
<b>Maintenance of Nursery</b>	<b>20000/-</b>	<b>2020</b>	<b>2021</b>
<b>Training program for eco friendly activities</b>	<b>5.00 lakh</b>	<b>2020</b>	<b>2021</b>
<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>		<b>Resource Gap</b>
<b>Pesticides,fertilizers,seeds, ,plants and all necessary items related to the their development.</b>	<b>College has gardeners and open space to develop gardens and composting</b>		<b>Pesticides,fertilizers,seeds, ,plants and all necessary items related to their development</b>
<b>Persons responsible for conducting each activity</b>			
<p style="text-align: center;"><b>Heads of Botany, Seed and Horticulture Departments</b>  <b>Coordinator for Procurement, Equity, access and Quality assurance</b>  <b>Coordinator Finance activities</b></p>			
<b>Persons responsible for monitoring each activity&amp; its timely completion</b>			
<p style="text-align: center;"><b>1.Heads of Botany, Seed and Horticulture Departments</b>  <b>2.Coordinator Finance activities</b>  <b>3.Coordinator, IDP &amp; Associate Coordinator IDP</b>  <b>4.Principal</b></p>			

**Year-wise Activity Plan**  
**Year5 - Detailed description of Milestones (Sub-goals)**

**Goal 1:-To provide quality education to weaker students (including SC, ST,OBC)**

Milestone (Sub-goal)
Identification of weaker students

Example:
Increase in access by increasing intake from 1250 to 1500 by 2018.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	a.Arrangement of MCQ test to identify weaker students  b.Identification of weaker students.	1.00 lakh	2018	2019

Resources required for the above activities	Resources available for the above activities	Resource Gap
1.Optical mark reader  2.Printing press 3. Stationary	1.Classrooms 2.Qualified teachers for setting of question papers	1.Optical mark reader  2.Printing press

Persons responsible for conducting each activity

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	Arrangement of Theory classes	9.00 lakh	2021	2022
2	Arrangement of Practical classes	9.00 lakh	2021	2022

3	Maintenance of Girl's hostel	5.00 lakh	2021	2022
4	Maintenance of equipment	1.00 lakh	2021	2022
Resources required for the above activities		Resources available for the above activities		Resource Gap
Honorarium to teachers TA/DA for invited lectures Maintenance by P.W.D		Class rooms, laboratories Faculty		Honorarium to teachers TA/DA for invited lectures Construction material Maintenance of hostel by P.W.D

**Persons responsible for conducting each activity**

- (i) Heads of Department
- (ii) Coordinator for Equity and Coordinator for Procurement
- (iii) Coordinator for finance

**Persons responsible for monitoring each activity & its timely completion**

- (i) Principal
- (ii) Coordinator IDP

**Goal-2: To provide and promote quality education to students who lost their earning member**

**Milestone (Sub-goal)**

- (I) Enrolment of such students in different subjects combinations
- (II) College will bear all kind of fees
- (III) Scholarship will be provided, if such students are not getting benefits from other resources
- (IV) Popularising such scheme through college magazine and newspapers

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

**Activities required to achieve these milestones**

S.No.	Description	Estimated Cost	Start Date	End Date
1	Enrolment of students in different subject combinations	15.00 lakh	2021	2022

3	Scholarship to students (also for years 2017-18,2018-19,2019-20,2020-21)	15.00 lakh	2021	2022
4	Popularisation of such scheme through college magazine and newspapers	10000/-	2021	2022

Resources required for the above activities	Resources available for the above activities	Resource Gap
Scholarship ,Advertisement in newspapers	Class rooms, Faculty	Scholarship ,Advertisement in newspapers

Persons responsible for conducting each activity
Incharge ,Scholarship Coordinator for Procurement Coordinator for Academic Activities a Coordinator for quality assurance
Persons responsible for monitoring each activity& its timely completion
Principal Coordinator IDP & Associate Coordinator IDP Administrative Officer

**Goal-3:-To provide and promote advance theoreticalandpractical scientific knowledge to the students and develop research aptitude in them**

Milestone (Sub-goal)
(VI) To establish well equipped labs
(VII) To arrange research seminars / workshops/training programmes

(i) To arrange field trip /lab visit to B.Sc final year and M.Sc students

(ii) To design job oriented courses in consultation with industries

(iii) Extension and renovation work on different departments

**Example:**

Increase in access by increasing intake from 1250 to 1500 by 2018.

**Activities required to achieve these milestones**

Description	Estimated Cost	Start Date	End Date
Procurement of equipments, computers LCD's etc. for departments	10.00 lakh	2021	2022
Organisation of research seminars and workshops	20.00 lakh	2021	2022
Field trip and industry visit	20.00 lakh	2021	2022
Course designing/modification by inviting industrialists and subject experts	2.00 lakh	2021	2022
Software for exam dept. to update website and for different departments	5.00 lakh	2021	2022
Maintenance of equipment	10.00 lakh	2021	2022

Resources required for the above activities	Resources available for the above activities	Resource Gap
Equipments and computers as per need of the departments	Labs and rooms	Some advanced equipments are required, Some equipments in more quantity are required
LCD'S	Some of the departments have LCD'S	LCD's for class rooms and some departments
Field trip and industry visit	-	Accommodation and trip charges
Invitation to Industrialists and subject experts	Meeting hall	Accommodation ,honorarium and TA/DA
Construction from PWD	Land area	Construction from PWD
Software to update website and for different departments	Computers and internet connection	Software to update website

**Persons responsible for conducting each activity**

- 1.All heads of the Department,
- 2.Coordinator for Equity, Access and Coordinator for Quality assurance
3. Coordinator for Finance activities

**Persons responsible for monitoring each activity& its timely completion**

- 1.Principal
- 2.All heads of the department,
- 3.Coordinator Finance activities
- 4.Coordinator, IDP & Associate Coordinator IDP

**Goal-4:-To develop personality of the students**

**Milestone (Sub-goal)**

**1.To organise training programs for students, teaching and technical staff**

**2.To organise lecture series**

**3.visit of national/international experts**

**4.To organise spoken English/Hindi courses**

**5.To conduct Mock interviews (A.V)**

**6.Maintenance of basketball court and Indoor Stadium**

**Example:**

**Increase in access by increasing intake from 1250 to 1500 by 2018.**

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
Training programme a. for students b. technical staff	5.00 lakh 5.00 lakh	2020	2021
Seminar/workshop/conference/training for faculty	10.00 lakh	2020	2021
Lecture series	5.00 lakh	2020	2021
visit of national/international experts	2.00 lakh	2020	2021
Spoken English/Hindi Course	5.00 lakh	2020	2021
Mock Interviews (Audio-Visual)	1.00 lakh	2020	2021
Maintenance of outdoor court	5.00 lakh	2020	2021
Maintenance of Indoor Stadium	5.00 lakh	2020	2021

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
Conference venue equipped with audio-visual aids Maintenance by PWD	Conference hall and lecture rooms, Land area	Accommodation, Honorarium ,TA/DA,contingency  Maintenance by PWD

<b>Persons responsible for conducting each activity</b>
All heads of the Department, Coordinator for Academic Activities, coordinator for Quality, Equity and access Coordinator Finance activities

<b>Persons responsible for monitoring each activity &amp; its timely completion</b>
All heads of the department, Coordinator Finance activities Coordinator, IDP & Associate Coordinators IDP Principal

## **Goal-5:-To prepare students for jobs and entrepreneurships**

<b>Milestone (Sub-goal)</b>
<b>(I) To arrange visit of companies.</b>
<b>(II) To obtain requirement of companies</b>
<b>(III) To prepare students according to need of industry</b>
<b>(IV) Skill based preparations ,training ,competitive classes</b>
<b>(V) To organise lecture series regarding entrepreneurship</b>

### **Example:**

**Increase in access by increasing intake from 1250 to 1500 by 2018.**

<b>Activities required to achieve these milestones</b>			
<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>College-industry meet</b>	<b>15.00 lakh</b>	<b>2021</b>	<b>2022</b>
<b>Designing/modification of syllabus</b>	<b>5.00 lakh</b>	<b>2021</b>	<b>2022</b>
<b>Skill based programmes</b>	<b>5.00 lakh</b>	<b>2021</b>	<b>2022</b>
<b>Lecture series</b>	<b>2.00 lakh</b>	<b>2021</b>	<b>2022</b>

Resources required for the above activities	Resources available for the above activities	Resource Gap
<p>Conference venue equipped with audio-visual aids            Permission from DHE to start new courses</p>	<p>Conference Hall            Lecture rooms            Placement cell</p>	<p>Accommodation,            Honorarium ,TA/DA,            contingency            Permission from DHE to start new courses</p>

Persons responsible for conducting each activity
<p>Incharge, Career and counselling cell            Coordinator for Academic Activities, Access, Equity and Quality assurance            Coordinator Finance activities</p>

Persons responsible for monitoring each activity & its timely completion
<p>Incharge, Career and counselling cell            Coordinator Finance activities            Coordinator, IDP &amp; Associate Coordinator IDP            Principal</p>

**Goal-6:-To develop social responsibility in the students**

Milestone (Sub-goal)
<p>(ii) To visit slum areas and to know their requirement.</p>
<p>(v) To visit orphanage and to know their requirement</p>

**(VI) To visit old age home and to know their requirement**

**(VII) To organise a rally, healthcamps and awareness camps**

**(VIII) To adopt villages for their sustainable development**

**Example:**

**Increase in access by increasing intake from 1250 to 1500 by 2018.**

**Activities required to achieve these milestones**

<b>Description</b>	<b>Estimated Cost</b>	<b>Start Date</b>	<b>End Date</b>
<b>Visit to slum areas, orphanage and old age home</b>	<b>5.00 lakh</b>	<b>2021</b>	<b>2022</b>
<b>Organisation of rallies, health camps and awareness camp</b>	<b>5.00 lakh</b>	<b>2021</b>	<b>2022</b>
<b>Adoption of villages</b>	<b>5.00 lakh</b>	<b>2021</b>	<b>2022</b>

<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>	<b>Resource Gap</b>
<b>Cloths, medicines and daily needs items Banners, stickers, hand Held speakers, sticks, playcards, pamphlets,, dustbins, playcards, pamphlets, reading materials, development work in villages</b>	<b>Students and faculty</b>	<b>Cloths, medicines and daily needs items Fund for organising rallies, awareness camps and health camps Banners, stickers, hand Held speakers, sticks, play cards, pamphlets, playcards, dustbins, reading materials, development work in villages</b>

**Persons responsible for conducting each activity**

- 1. Incharge NCC, NSS and Red Cross**
- 2. Coordinator for Procurement, coordinator for Equity, access and Quality assurance**

### 3. Coordinator Finance activities

#### Persons responsible for monitoring each activity & its timely completion

1. Coordinator Finance activities
2. Coordinator, IDP & Associate Coordinator IDP
3. Principal

## Goal-7:- To develop eco-friendly activities

#### Milestone (Sub-goal)

- (I) To develop compost unit in the campus
- (II) To develop vermi compost in the campus.
- (III) To develop butterfly park
- (IV) To develop medicinal garden
- (V) To develop nakshatra garden
- (VI) To develop nursery

#### Example:

Increase in access by increasing intake from 1250 to 1500 by 2018.

#### Activities required to achieve these milestones

Description	Estimated Cost	Start Date	End Date
Maintenance of Compost unit	50000/-	2021	2022
Maintenance of Vermi compost	50000/-	2021	2022
Maintenance of Butterfly park	30000/-	2021	2022
Maintenance of Medicinal and nakshatra garden	20000/-	2021	2022
Maintenance of Nursery	20000/-	2021	2022

<b>Training program for eco friendly activities</b>	<b>5.00 lakh</b>	<b>2021</b>	<b>2022</b>
<b>Miscellaneous</b>	<b>50000/-</b>	<b>2021</b>	<b>2022</b>
<b>Resources required for the above activities</b>	<b>Resources available for the above activities</b>		<b>Resource Gap</b>
<b>pesticides,fertilizers,seeds, ,plants and all necessary items related to the their development.</b>	<b>College has gardeners and open space to develop gardens and composting</b>		<b>pesticides,fertilizers,seeds, ,plants and all necessary items related to their development</b>
<b>Persons responsible for conducting each activity</b>			
<b>Heads of Botany, Seed and Horticulture Departments</b> <b>Coordinator for Procurement, Equity, access and Quality assurance</b> <b>Coordinator Finance activities</b>			
<b>Persons responsible for monitoring each activity &amp; its timely completion</b>			
<b>1.Heads of Botany, Seed and Horticulture Departments</b> <b>2.Coordinator Finance activities</b> <b>3.Coordinator, IDP &amp; Associate Coordinator IDP</b> <b>4.Principal</b>			

## Institutional Project Budget(Rupees in Crore)

Sl.No	Activities	Project Allocation	Financial year				
			2017-18	2018-19	2019-20	2020-21	2021-22
1	Infrastructure additions and enhancements						
	Construction and renovation		4.65	2.09	0.63	0.77	0.15
2	Research & development Support						
	Equipments ,books and journals,glasswares and chemicals etc		1.12	1.11	0.61	0.26	0.26
3	Development Support						
	Faculty and Staff Development (including faculty qualification up-gradation, pedagogical training, and organising/participation of faculty in workshops, seminars and conferences) for improved competence based on TNA		0.10	0.10	0.10	0.10	0.10
	Others (please specify)		-	-	-	-	-
4	Institutional reforms		-	-	-	-	-
	Technical assistance for procurement and academic activities		0.05	0.05	0.05	0.05	0.05
	Institutional management capacity enhancement		-	-	-	-	-

	Others (please specify)		-	-	-	-	-
5	Academic support		0.53	0.76	0.61	0.76	0.78
	Enhanced Interaction with Industry Creation of new departments/courses		0.39	0.37	0.29	0.29	0.29
	Student support activities Ncc,nssredcross,sports,social work		0.15	0.15	0.15	0.15	0.15
	Others (please specify) library related activities: books		0.25	0.25	0.25	0.25	0.25
6	Others (please specify) Miscellaneous		0.05	0.05	0.05	0.05	0.05
7	Others (please specify) Environmental activity		0.17	0.17	0.17	0.17	0.17
	<b>TOTAL</b>		<b>7.46</b>	<b>5.1</b>	<b>2.91</b>	<b>2.85</b>	<b>2.25</b>

## **+Institutional Project Budget**

Notes:

Project budget will be sufficient to meet 7 goals mentioned in IDP for achievement and improvement of quality in the education of our college.

## Overall Institutional Performance Targets

Sub goal	Measurable indicator	Targets				
		Year 1	Year 2	Year 3	Year 4	Year 5
Goal 1	Performance of students	30% enhancement	40% enhancement	60% enhancement	60% enhancement	60% enhancement
Goal 2	Strength of students	50	100	150	150	150
Goal 3	Student knowledge	30% enhancement	40% enhancement	60% enhancement	60% enhancement	60% enhancement
Goal 4	Student's personality	30% enhancement	50% enhancement	60% enhancement	70% enhancement	80% enhancement
Goal 5	Arrange jobs	10 %	15 %	20 %	20 %	20 %
Goal 6	Social work	30% enhancement	50% enhancement	60% enhancement	70% enhancement	80% enhancement
Goal 7	Environmental activities	30% achievement in proposed work	50% achievement in proposed work	70% achievement in proposed work	100% achievement in proposed work	100% achievement in proposed work

### **IMPLEMENTATION PLAN**

**(i) The project will be implemented year wise to fulfill the desired goals.**

**(ii) Year wise implementation will involve following steps:**

- a) Purchase of equipments etc would be done during five years year followed by their use and maintenance.**
- b) Renovation work in first and second year.**
- c) Purchase of books and journals every year to fulfill the goal**
- d) Development of gardens, composting and Plantations would be done during first year followed by their monitoring.**
- e) Construction of Girl 'hostel during first year followed by its use and monitoring**
- f) Construction of Computer lab during first year followed by its use and monitoring**
- g) Strengthening of career guidance and employment cell with all necessary requirements during first two years followed by its use for betterment of students**

**MEASURES TO ENSURE SUSTAINABILITY BEYOND THE 5 YEAR  
PERIOD**

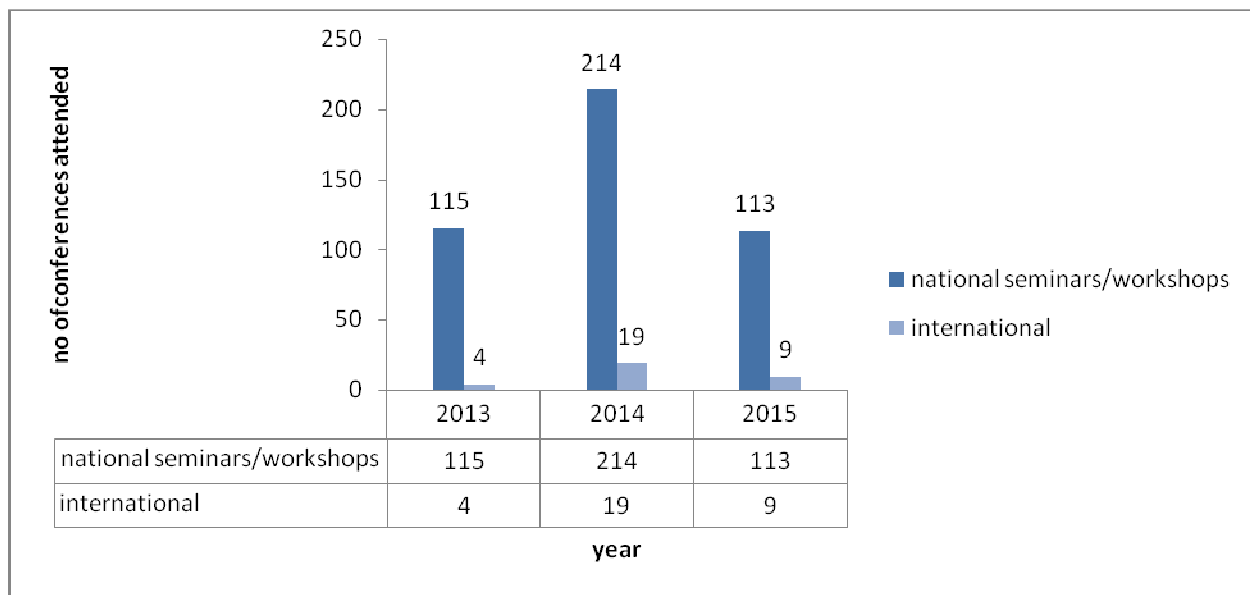
- (i) Every year internal and external monitoring would be done to ensure sustainability of the project.**
- (ii) Internal and external audit would ensure sustainability of the project.**
- (iii) Growth rate would be maintained by assessing the yearly growth in access, equity, excellence and employability after completion of the project.**
- (iv) After 5 years reasonable amount either will be charged from students or will be arranged from other sources**

**BRIDGING THE RESOURCE GAP**

**Resource gap would be bridged by taking following measures:-**

- (i) Construction of Girls' hostel and extension of Boys' hostel**
- (ii) Purchase of equipments, computers and accessories, LCD etc.**
- (iii) Developing and maintaining Medicinal Garden, Nakshatra Garden, Butterfly Park and nursery.**
- (iv) Procuring and purchasing necessary equipments and related items for career guidance, placement cell and support services.**
- (v) Promoting and supporting teachers for their career advancements.**
- (vi) Promoting and supporting departments for their development and maintenance.**
- (vii) Procuring books and journals every year as per requirements of the departments.**
- (viii) Promoting students for their all round development.**

**Participation of teaching faculty in seminars/  
conferences/ workshops etc.**



### **List of Equipments**

1.	Forensic ballistics bullet Comparison microscope
2.	Laminar Air Flow
3.	DSLR Camera
4.	ESDA(Electro static detection apparatus)
5.	VSC(Video spectral comparator)
6.	Autoclave
7.	Refrigerator
8.	Laptop for Stereo zoom Microscope

9.	Fuming Chamber
10.	UV Visible Spectrophotometer
11.	Refrigerated centrifuge
12.	Micro centrifuge
13.	Lie Detector (Setup with Software)
14.	UV Transluminator
15.	Gel Documentation system
16.	Camera Lucida
17.	Rotary shaker
18.	Crime scene investigation kit (Narcotic detection kit, sexual assault kit, Explosive investigation kit,)
19.	TLC Applicator Spreader
20.	Foot and Tire Print Casting Kit
21.	Compound microscope (upto 100x)
22.	HPTLC
23.	Crime light (Red, green, blue, yellow)
24.	Millipore water unit
25.	Digital weighing (Capacity in mg)
26.	Ultra centrifuge
27.	Inverted Microscope
28.	PCR
29.	Gel Documentation
30.	HPLC
31.	UPS
32.	Water purifier
33.	Printer with scanner
34.	Wifi dongle for internet
35.	Wifi antenna
36.	External DVD and CD drive
37.	Air Conditioner (1.5 ton)
38.	LED Screen. (40 Inch)
39.	Projector
40.	Desktop PC

41.	Optical fiber communication kit
42.	Intel 8086 microprocessor kit
43.	Atomic absorption spectrophotometer
44.	UV spectrophotometer
45.	Cooling Centrifuge Machine
46.	Flame Photometer
47.	Digital electronic Balance
48.	VU illuminator for electrophoresis
49.	Microscope with LED monitor
50.	Purchase of LED Screen. (40 Inch)
51.	Projector
52.	Hard Disc
53.	X-ray Diffraction equipment
54.	Physical Properties Measurement system
55.	NanoREV
56.	Thin films deposition unit
57.	SUPERCONDUCTIVITY EXPERIMENT
58.	Spin Coater
59.	Digital Magnetic Stirrer with Hotplate
60.	Measurement Of Magnetoresistance of Semiconductors
61.	Four Probe Set-Up for Measuring the Resistivity of Very Low to Highly Resistive Samples at Different Temperature
62.	HPLC YL 9100 Quaternary
63.	ICP-OES
64.	GC-MS
65.	NMR(Protein + Carbon)
66.	Digital Automatic Titrator

67.	Microwave Synthesis (CEM)
68.	Vacuum Oven
69.	Toga Clean System
70.	Rotary Vacuum Evaporator
71.	Electrochemical Workstation

**PARTICIPATION OF STUDENTS IN STATE LEVEL  
2015-16**

S.NO	NAME OF GAME	NO. OF STUDENTS PARTICIPATED
		2015-16
1	BASKETBALL(WOMEN)	2
2	SOFTBALL(MEN)	1
3	HANDBALL(WOMEN)	2
4	GYMNASTICS(WOMEN)	1
5	VOLLEYBALL(MEN)	2
6	VOLLEYBALL(WOMEN)	2
7	CRICKET (MEN)	1
	<b>TOTAL</b>	<b>11</b>

# PARTICIPATION OF STUDENTS IN INTER UNIVERSITY NATIONAL

**2015-16**

S.NO	NAME OF GAME	NO. OF STUDENTS PARTICIPATED
		2015-16
1	BASKETBALL(WOMEN)	2
2	SOFTBALL(MEN)	1
3	GYMNASTICS(WOMEN)	1
4	VOLLEYBALL(MEN)	2
5	VOLLEYBALL(WOMEN)	2
6	CRICKET (MEN)	1
7	CRICKET (WOMEN)	1
	<b>TOTAL</b>	<b>10</b>

## शासकीय होलकर विज्ञान स्वशासी महाविद्यालय इन्दौर (म.प्र.) <sup>2</sup>

--:-- खेल उपकरण प्रस्ताव --:--

महाविद्यालय खेल विभाग में निम्नांकित स्थाई प्रकृति के खेल उपकरणों की आवश्यकता है। रुसा योजना के अंतर्गत स्वीकृत करने का प्रस्ताव शासन को भेजने हेतु प्रस्तुत है।

क्र.	सामग्री का नाम	दर	संख्या	अनुमानित कुल राशि
1.	टेबल-टेनिस टेबल (स्टेग.चेम्प.)	38500/-	2 नग	77000/-
2.	बास्केटबॉल पोल मोल्ड विथ फाईवर ग्लास बोर्ड	1,65000/-	1 सेट	165000/-
3.	हॉकी गोल कीपर कम्पलीट किट सेट	26600/-	2सेट.	53200/-
4.	क्रिकेट मेटिंग (फुल साईज) (B.D )	12800/-	2 नग	25600/-
5.	क्रिकेट मेटिंग (हॉफ साईज) (B.I )	7800/-	2 नग	15600/-
6.	मल्टी जिम 8 स्टेशन (फिट-फिट)	180000/-	1 सेट	180000/-
7.	क्रास ट्रेनर (फिट-फिट)	32500/-	1 सेट	32500/-
8.	मेगनेटिक बाईक (फिट-फिट)	18500/-	1 नग	18500/-
9.	एब किंग प्रो.	5250/-	2 नग	10500/-
10.	मोटोराईज्ड ट्रेडमिल (फास्ट किट)	68500/-	1नग	68500/-
11.	कबड्डी मेट (नीविया)	3250/-	220 नग	7,15,000/-
12.	जुडों /कराटे मेट (नीविया )	6850/-	20 नग	1,37,000/-
(चौदह लाख इन्टान्चे हजार चार सौ)		कुल रुपये		14,98,400=00

  
Sports Officer,  
Holkar Science College,  
INDORE-452 001

# MOU

S. N	Organization	Month and Year	Validity	Purpose
01	Res. Inst. Org. Agri. Switzerland	Jan.2014	Dec.2015	Research
02	Bio-Re Assoc. India	Jan.2014	Dec.2015	Research
03	Index Medical College, Indore	Aug.2014	Valid up to both agree	Academic & Research
04	PG Tech Pvt. Ltd. Indore	March,2014	Mar.2017	Academic & Research
05	Eklavya (NGO)	24 <sup>th</sup> Mar. 2015	Mar. 2019	Academic & training
06	Institute for Excellence in Higher Education, Bhopal	April 2017	April 2018	Academic & Scientific Co-operation