YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	**MATOSHRI NANIBAI GHARPHALKAR SCIENCE COLLEGE BABHULGAON**
• Name of the Head of the institution	**Dr.A.P.Deshpande**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**07203270250**
• Mobile No:	**9595540877**
• Registered e-mail	**mng.babhugaon@gmail.com**
• Alternate e-mail	**apdeshpande58@gmail.com**
• Address	**Matoshri Nanibai Gharphalkar Science College Babhulgaon, Dist.Yavatmal**
• City/Town	**Babhulgaon**
• State/UT	**Maharashtra**
• Pin Code	**445101**
2.Institutional status	
• Affiliated / Constitution Colleges	
• Type of Institution	**Co-education**
• Location	**Rural**

• Financial Status	**UGC 2f and 12(B)**	
• Name of the Affiliating University	**Sant Gadge Baba Amravati University Amravati**	
• Name of the IQAC Coordinator	**Mr. Umesh Ashokrao Khadse**	
• Phone No.	**07203270250**	
• Alternate phone No.	**7588954328**	
• Mobile	**8390282091**	
• IQAC e-mail address	**iqacmng476@gmail.com**	
• Alternate e-mail address	**uakhadse@gmail.com**	
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.mngsciencecollege.ac.in/admin/uploaded_files/80727-aqar-2019-20-ok.pdf	
4.Whether Academic Calendar prepared during the year?	**Yes**	
• if yes, whether it is uploaded in the Institutional website Web link:		

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.16**	**2016**	**02/12/2016**	**01/12/2021**

6.Date of Establishment of IQAC	**05/07/2014**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**0**	**0**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	No File Uploaded

9.No. of IQAC meetings held during the year	**3**
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Organized International Yoga Day
Organized programme on World Environment Day
Organized programme of Teachers Day
Organized Programme of National Science Day
Organized lecture series on the occasion of A Tribute to Professor Chintamani Mande on zoom online platform
Organized Workshop on NAAC Assessment and Accreditation Process
Organized Programme on National Librarian Day

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Organize National Conference on X-ray Spectroscopy and Allied Areas	**Lecture Series has organized on X-ray Spectroscopy and Allied Areas**
Organization of Workshop on NAAC Assessment and Accreditation Process	**Workshop has organized**

13.Whether the AQAR was placed before	**No**

statutory body?

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	30/08/2021

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

20.Distance education/online education:

Extended Profile

1.Programme

1.1   1

Number of courses offered by the institution across all programs
during the year

File Description	Documents
Data Template	No File Uploaded

2.Student

2.1   **317**

Number of students during the year

File Description	Documents
Data Template	No File Uploaded

2.2   **243**

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	No File Uploaded

2.3   **103**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	No File Uploaded

3.Academic

3.1   **18**

Number of full time teachers during the year

File Description	Documents
Data Template	No File Uploaded

3.2   **22**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**1**

File Description	Documents
Data Template	No File Uploaded

2.Student

2.1 Number of students during the year	**317**

File Description	Documents
Data Template	No File Uploaded

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**243**

File Description	Documents
Data Template	No File Uploaded

2.3 Number of outgoing/ final year students during the year	**103**

File Description	Documents
Data Template	No File Uploaded

3.Academic

3.1 Number of full time teachers during the year	**18**

File Description	Documents
Data Template	No File Uploaded

3.2 Number of Sanctioned posts during the year	**22**

File Description	Documents
Data Template	No File Uploaded

4.Institution

4.1 Total number of Classrooms and Seminar halls	**7**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**510654**
4.3 Total number of computers on campus for academic purposes	**40**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Academic calendar was given by Sant Gadge Baba Amravati University for the session (2020-2021 to demarcate teaching days, non-teaching days and holidays. Academic Calendars of various departments of the college were prepared in April 2020 in pandemic period date line has changed to plan the curricular and co-curricular activities and tests for academic session 2020-2021. These plans were submitted to IQAC of the institution for its approval. The academic programs were run in one shift. Online platform vise and faculty-wise time tables for the curriculum delivery of all subjects were prepared before the commencement of teaching in the new academic session.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.mngsciencecollege.ac.in/admin/uploaded_files/34886-academic-calendar-2020-21.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

According to the guidelines given by the affiliating university's academic calendar, our college prepares academic calendar prior to the commencement of the session. At first all the departments formulate their respective departmental calendars which contain the most important dates to guide the teachers and students. ? The academic calendar provides important information about teaching dates, examination dates, extracurricular, co-curricular activities, semester based examinations, student's seminars, visits and tours, guest lectures, and remedial teaching schedules. ? Before the commencement of every semester, respective departments prepare a detailed teaching plan, individual teachers give assignments in the departments and bifurcate the number of classes/lectures accordingly. ? Time table committee prepares timetable for the all the programs with the help of respective heads. Finally this is distributed to the departmental teachers, students and also made available on college notice board.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://www.mngsciencecollege.ac.in/admin/uploaded_files/34886-academic-calendar-2020-21.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development	C. Any 2 of the above

of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

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

Nil

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	**No File Uploaded**

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

Nil

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	**No File Uploaded**

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

`00`

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

`00`

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

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

`The Prescribed Syllabus designed by Parent University embodies the cross cutting issues.In the syllabus of B.Sc.I ,II,III  the topic of Environment in the subject of Zoology, Botany, Chemistry and in the subject of Physics .`

File Description	Documents
Any additional information	[View File](#)
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	**No File Uploaded**

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

`01`

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

216

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	*View File*
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	*View File*
Any additional information(Upload)	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	*View File*
URL for feedback report	https://www.mngsciencecollege.ac.in/admin/uploaded_files/88783-feedback-student-and-teachers.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

360

File Description	Documents
Any additional information	*View File*
Institutional data in prescribed format	*View File*

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

243

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

College has conducted online classes for the students. The lectures were repeted on certain topics on demand of the students.

File Description	Documents
Link for additional Information	https://www.mngsciencecollege.ac.in/admin/uploaded_files/10606-chemistry-zoom-class.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
317	18

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

During online classes demos of same experiments was given. The studens were given assignments and helped in problem solving.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://docs.google.com/forms/d/e/1FAIpQLSeomX7bhs0740IUFwZLjUYXwqvrIILpI5GSOLjRd9tpt6sGoA/viewform

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The teachers use power point as the ICT tool. The ppts are shared with the students.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://docs.google.com/forms/d/e/1FAIpQLSeomX7bhs0740IUFwZLjUYXwqvrIILpI5GSOLjRd9tpt6sGoA/viewform

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

2.3.3.1 - Number of mentors

317

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

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

18

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	[View File](#)

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

01

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

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

2.4.3.1 - Total experience of full-time teachers

18

File Description	Documents
Any additional information	[View File](#)
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The confidencial reports of the teachers are reviewed every year by the principal. Any specific issue is discussed in the CDC and the teachers are informed to imrpove accordingly.

File Description	Documents
Any additional information	View File
Link for additional information	**Nil**

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

The grievance committee takes care of any grievances related to the internal examination.

File Description	Documents
Any additional information	View File
Link for additional information	https://quizzory.com/id/6054a2abde004057c0b91433

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The couse outcome of the programme is informed to the students during the intial lectures by the concerned teachers.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	**Nil**
Upload COs for all courses (exemplars from Glossary)	View File

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

The university result is analysed that reveals the attainment of programme outcomes and course outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

103

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.mngsciencecollege.ac.in/admin/uploaded_files/19203-annul-report-final-2020_2021-(1).pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.mngsciencecollege.ac.in/admin/uploaded_files/37009-student-satisfaction-survey-updated.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

Nil

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
List of endowments / projects with details of grants(Data Template)	**No File Uploaded**

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

Nil

File Description	Documents
List of research projects and funding details (Data Template)	**No File Uploaded**
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

02

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

01

File Description	Documents
Any additional information	[View File](#)
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

0

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	No File Uploaded

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

No event was held due to covid pandemic.

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

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

1

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year(Data Template)	[View File](#)
e-copy of the award letters	[View File](#)

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

No event was held due to covid pandemic.

File Description	Documents
Reports of the event organized	**No File Uploaded**
Any additional information	[View File](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	**No File Uploaded**

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

No event was held due to covid pandemic.

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	[View File](#)
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	**No File Uploaded**

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

02

File Description	Documents
e-copies of linkage related Document	**No File Uploaded**
Details of linkages with institutions/industries for internship (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<u>View File</u>

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

College has well established Class rooms having ICT facilities. Library and six well equipped laboratories.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.mngsciencecollege.ac.in/facilities.php

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

The college has a holl meant for cultural activities, facilities for indoor games such as table tennis carrom, chaess etc. The college has a two humdred meter track and graunds for kabbadi, Volley bol, Khokho, etc. The college regularly celebretes the International Yoga Day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.mngsciencecollege.ac.in/facilities.php

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

4

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

4

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.mngsciencecollege.ac.in/admin/uploaded_files/4893-4.1.1-ict-classroom_compressed.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

510654

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template)	[View File](#)

4.2 - Library as a Learning Resource

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

We have a library and departmental libraries as well. The library has books 3200 t. In addition to we have registered and every faculty member has an account at INFLIBNET, Gujarat. Library has software like OPAC and Lobsoft 2.0. It has access to various online journals and publications. We have various journals' subscription in hard copy too. The Library has a separate staff Reading room for the teaching and nonteachin staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://www.mngsciencecollege.ac.in/facilities.php

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**B. Any 3 of the above**

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

5900

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

15

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college has internet facility and uses BSNL wifi for teacher staff, students and also for non teaching staff. wifi connection runs smoothly in computer lab, office, library, and principals office.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

19

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

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

135172

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

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

The college teachers and non-teching staff are maintainnig the physical and academic facilities with the help of resources.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mngsciencecollege.ac.in/facilities.php

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

201

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

02

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File]

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**C. 2 of the above**

File Description	Documents
Link to institutional website	[https://www.mngsciencecollege.ac.in/admin/uploaded_files/54609-yoga.pdf]
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	[View File]

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

Nil

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	[View File]

5.1.5 - The Institution has a transparent	**C. Any 2 of the above**

mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

Nil

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

10

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	<u>View File</u>

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

00

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

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

00

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	**No File Uploaded**

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

No event was held due to covid pandemic.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

00

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<u>View File</u>

5.4 - Alumni Engagement

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

Nil

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

5.4.2 - Alumni contribution during the year (INR in Lakhs)	

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The parent society has established a clear vision for the institute and takes efforts to ensure the marching towards the vision of the college wherever and whenever required. Regarding academic decentralization, the college has various committees functioning under IQAC and shouldering various responsibilities. The college imparts operational freedom and independence to these committees for effective implementation. The principal chairs all these committees and monitors their work through monthly and in some cases timely meetings. Under his guidance and directions of IQAC all the committees work towards the betterment of students and help in creating conducive environment. The office superintendent under the chairmanship of the principal handles all the administrative works. He takes care of the admissions, various scholarships and institutional budget. At the end of every session the office prepares its tentative budget for the coming session which then is put CDC and approved of. All the activities in the session are in accordance to the budgetary provisions. The responsibilities like NSS coordinator, Magazine editor, Examination conductor and coordinator of Prerana Sohala are carried out by the every staff member on the rotation basis

File Description	Documents
Paste link for additional information	https://www.mngsciencecollege.ac.in/vision mission.php
Upload any additional information	**No File Uploaded**

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

The verious committees have been formed to take care of the

verious academic and administrative issues.

File Description	Documents
Paste link for additional information	https://www.mngsciencecollege.ac.in/management.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The IQAC of the college has taken an initiative and plays a most important role in improving the excellence of the organization.

- **To Submit AQAR**
- **Feedback taken from students , Teachers, Alumni**
- **New e- resources arranged in the Library.**
- **Faculty wise workshops are planned.**
- **Organize National Conferance on X-ray spectroscopy and allied areas.**

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://www.youtube.com/channel/UCb330OTIGV-2hP_ClX5j8JQ/videos
Upload any additional information	**No File Uploaded**

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

The administrative setup consists of the Principal followed by the HOD, faculty in-charge. Head clerk, Junior Clerks, Assistants, and Attendants. The organization of departments includes Head of Departments, Assistant Professors, Librarian and a Director of physical education. The formal organizational structure of the library staff includes the Librarian and Library Attendant. Organization structure of the Department of Physical Education and Sports includes a Director of PhysicalEducation.

File Description	Documents
Paste link for additional information	https://www.mngsciencecollege.ac.in/admin/uploaded_files/62708-6.2.3-policy-document-on-e--governance.pdf
Link to Organogram of the Institution webpage	https://www.mngsciencecollege.ac.in/admin/uploaded_files/99584-organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

- **The Faculty Development Program of UGC is available for the teaching staff to encourage doing Ph.D.**
- **All leaves facilities as per Government of Maharashtra, University and UGC such as duty leave; medical leaves and maternity leave are provided.**
- **Financial support for research project and duty leave is being provided to attend workshops, conferences and seminars etc.**
- **Sports facilities are available for the teaching and the non-teaching staffs.**
- **Teachers are allowed to attend the meditation and yoga.**
- **Interest-free financial support in case of need in the form of festival advance is given to the staff and students.**

- **Internet facilities are made available to the teaching and non-teaching staff for research related matters.**
- **The Institution supports to attend orientation, refresher, short term courses and other training camps helpful for their promotions and career advancement.**
- **Faculty members are allowed to conduct academic programs like guest lectures, surveys, tour excursions and visit etc.**
- **The teaching staff is allowable to convene guest lectures and take part in seminars and other activities.**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

06

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

01

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	[View File](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

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

0

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of teachers attending professional development programmes during the year (Data Template)	**No File Uploaded**

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

The confidencial reports of the teachers are reviewed every year by the principal. Any specific issue is discussed in the CDC and the teachers are informed to imrpove accordingly.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institution conducts internal and external financial audits regularly.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The financial sources of the college are:

- SC, ST, EBC, and OBC scholarship are received from Government of Maharashtra.
- Tuition fees, admission fees and other fees are collected by the college from students as per the norms of the University..

Optimum utilization of financial resources:

The systems adopted by the institution for the optimal utilization of resources are as below;

- Principal grant the financial plan taking into consideration the economic resources and presents it to the CDC for endorsement.
- The utilization of the permitted budget is monitored by CDC.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

Examination and Evaluation : The College has Examination committee. Continuous evaluation process is carried out for internal assessment of the student. All the departments conduct regular Unit tests, Open book tests, Objectives tests and the result is communicated to the students.

Teaching and Learning : Teaching Learning activities are very meticulously conducted as per the academic calendar prepared by affiliating university and the IQAC. In the beginning of the session every department prepares its academic calendar of teaching learning and cocurricular activities.

Library, ICT and Physical Infrastructure / Instrumentation : We

have a central library and departmental libraries as well. The central library has 2623 books,. In addition to we have registered and every faculty member has an account at N-LIST ,INFLIBNET center .. Library has software like OPAC and Libsoft 2.0. It has access to various online journals and publications. We have various journals' subscription in hard copy too. The Library has a separate Reading room for the student and teaching faculties.

Research and Development : The College has a Research Coordination, Remedial and Bridge Course Committee and it encourages research activities for faculty and students. Every year our students participate actively in 'Avishkar' research competition at University and State level. Curriculum Development : All the courses in the college Under graduate and Post graduate level are in semester pattern. The college follows methodically all the syllabi designed by the affiliating University, Sant Gadge Baba Amravati University, Amravati. It also makes changes as per the notifications received time to time. Admission of Students : The admission procedure is planned and executed in the meetings of Admission, Attendance and Time Table Committee and monitored by the Principal. Admissions forms were filled online as per the directions from the University. The MIS system installed for the smooth execution of admission and for keeping the detail record of every student. The admission committee counsels student about entire process of admissions.

Planning and Development: The College has its own Website, Facebook page where in all the data related to students and faculty is displayed. For instance, , Annual Academic Calendar in digital form, Information Brochures, Notices,

Finance and Accounts : Fully computerized methods are used for financial data documentation with the help of Tally software. All the tenders and advertisements are displayed on the college website. Management and the Principal monitor it.

Administration: The College has MIS software in the office for administrative purposes. All online and computerized working is in place to ensure the transparency. Forms of scholarships like GOI and others, in the social welfare department are filled online. The updation of information every year to AISHE is also done electronically.

Mentor: Mentee Scheme: The College from starting is involved in parent teacher scheme which is now changed to Mentor Mentee

scheme. Students are allowed to every parent teacher /mentor for academic personal, social development of the student.

Student development cell: The institution has started student development cell. The cell organizes various programs for skill development of the students

Anti Ragging Committee: Anti Ragging committee is formed in the college who checks single case of ragging in the premises

Schemes by Parent University and other: The organization always motivates students to gain the benefits of various economic schemes. Scholarship schemes like "vidyarthini bus pass Yojana".

Conference and workshop:The college has organized lecture series on X-Ray Spectroscopy and Allied Areas.The College has also organized workshop on NAAC Accreditation and Assessment process.

File Description	Documents
Paste link for additional information	https://www.youtube.com/channel/UCb330OTIG V-2hP_ClX5j8JQ/videos
Upload any additional information	**No File Uploaded**

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Development of IT facilities:

- **LED and LCD projector are installed in three staff wise class rooms with one in seminar hall so the staff and students could present power point presentation (ppt) over it.**
- **Lectures from YouTube shown to students**
- **Lectures on power point presentation taken by the lecturers.**
- **Online tests are taken.**
- **Online assignment given to students.**

- o **Online admission process goes on. .**
- o **Marks of Internal examination are exhibited to students on board moreover as on college website.**
- o **Students presents seminar on Power point using projectors.**
- o **WhatsApp group of Alumni and students are created.**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.mngsciencecollege.ac.in/admin/uploaded_files/19203-annul-report-final-2020_2021-(1).pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Measures initiated by the institution for the promotion of gender equity

1. The college has girls commen room for girls students.

2.. The college has commen room for leady teachers.

3. The college has seprate toilate facility for girls.

File Description	Documents
Annual gender sensitization action plan	https://www.mngsciencecollege.ac.in/admin/uploaded_files/90106-action-plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.mngsciencecollege.ac.in/admin/uploaded_files/3769-common-room.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power efficient equipment	**D. Any 1 of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	**No File Uploaded**

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The college uses pits to dump the degradable solid waste. The NSS students collet degradable wastes from the verious programmes in the town. They dump the matterial in to the pits digged in the college campus. The solid waste is converted into compost.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	https://www.mngsciencecollege.ac.in/admin/ uploaded_files/94954-liquid-waste- management.pdf
Any other relevant information	**No File Uploaded**

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**D. Any 1 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**	**C. Any 2 of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and	**D. Any 1 of the above**

energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

`D. Any 1 of the above`

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	[View File](#)
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college regularly conducts programmes for awarness of socioeconomic issues. However, due to covid pandamic no such programme was held during 2020-2021.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The college regularly conducts programmes for awarness of socioeconomic issues. However, due to covid pandamic no such programme was held during 2020-2021.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	C. Any 2 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	View File

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

1. International Yoga Day

2. National Librarian Day

3. Independance Day

4. Republic Day

5. Teachers Day

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

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

Best Practice No. I 1. Title of the Practice: Extension of Chemistry Laboratory for the Benefit of Society. a) Soil and Water Analysis b) Detection of food Adulteration. 2. Objectives: 1) To make the farmers aware of their soil health. 2) To counsel the

farmers to reduce production cost and increase crop yield. 3) To make awareness among villages and farmers about quality of drinking water and irrigation. 4) To make the people aware about the kind of adulteration of the food products they use. 5) To suggest simple method for detection of adulteration in food items. 6) To make people aware of their consumer rights. 3. The Context: The soil is an essential part of agriculture. However, the farmers are neglecting this important aspects thereby their cost of production increases and there is considerable decrease of crop yield. Either the soil is overdosed with the fertilizer or there is a deficiency of fertilizer thereby reducing the productivity of the soil considerably followed by a great decrease in the crop yield. If the soil analysis is carried out it is possible for the farmers to know the nature of their soil deficiency of the nutrients in the soil so that they can improve the soil accordingly. There is a complete awareness about the quality of water. The people are using for drinking water as well as water for irrigation. This leads to serve health problems hence it is essential to analyze the quality of water so that many waterborne diseases can be avoided. It is absorbed that many of our food items are adulterated leading to number of diseases. If people are made aware about the adulteration in foods the diseases could be avoided 4. The Practice: The collection of the soil sample is the first step of soil analysis. The college has prepared pamphlets about how to collect soil sample from the field. These pamphlets are distributed among the farmers on the weekly bazaar day. The farmers accordingly collect the soil sample from their fields

and bring them to our chemistry lab for soil analysis. The soil sample thus received is analyzed by the college staff and students using soil testing kits and standard given method of analysis. The soil test reports are prepared and farmers are asked to come on the nearest possible date on which they are counseled on the cropping pattern, the type and dose of fertilizer on the basis of their soil test report. The students are made aware about the importance of the soil and water analysis and bring about the collection of soil and water samples from the respective villages and bring them for analysis in the college. The students are involved in the soil and water analysis. A demonstration is given to the students about the adulteration in food items. A demonstration is also given before the people about the food adulteration so that their awareness about the same should be improved. 5. Evidences of Success: Feedback from the farmers about the soil test reports is very encouraging to us. The farmers mentioned that their expenditure on fertilizers has been reducing considerably and the crop yield has also increased. Many farmers

have mentioned that water analysis has helped them to reduce the irrigation problem. The Villages came to know about the quality of water they are using thereby they take proper care for using the same. The people expressed that they never knew about the adulteration in food items. 6. Problems Encountered : • The farmers are very much reluctant upon soil testing. • The farmers do not want to change their traditional method of agriculture. • They completely neglect the quality of water for drinking as well as for irrigation. • The eating habits of the people are responsible for neglecting the food adulteration issues. 7. Resources Required : • Herculean efforts are needed to make people aware about soil, water and food. • We need the atomic Absorption spectrometer for micronutrients analysis • Incubators are needed for the microbial analysis of water and soil.

Best Practice No.II

1. Title of the Practice: Student Board 2. Objectives a) To enhance and maximize the information resources available for the students. b) To share the collected information and their views on different topics of current interest. c) To encourage about the development of artistic and literary side among the students. d) To promote the students to express their literary talent. e) To promote the students for prosperous use of their leisure time. f) To develop the various skills like writing, communication and creativity among the students. g) To develop, organize and maintain the user centered environment conducive to intellectual vitality, exploration and exchange of ideas among the students. h) To encourage the diversity of forms in literary expression like poetry, short story, articles, humor, graffiti Award in the teaching field etc. i) To provide a proper learning and living environment for the cultivation of scholarly people. J) To promote and share information necessary for competitive examinations. 3. The Context The students need a platform where they can express, share and exchange their views on the topics of current interest and information collected by them in different forms. Publication of the magazine is time consuming and lengthy process. On the other hand, the students go very fast and in expansive method and share their knowledge. The college has employed a good board method for the convenience of the students. 4. The Practice The students who wish to share their information come and submit it to the concerned teacher. The information is scrutinized by the editorial board and displayed on the "Student Board". The information such as news paper cutting on current issues, small articles written by the students, some Net searched material are usually displayed on the "Student Board". 5. Evidence of Success

The students regularly observe the student board and get motivated to share information among themselves. The students also express that the Student Board serves as a ready and a useful resource for competitive examinations. 6. Problems Encountered

There was a very slow response from the students initially. Our staff members had to initiate that particular activity first as a part of demonstration. Due to lack of expression power, the students are highly reluctant to come forward. But later on, they get proper grooming and overcome this particular difficulty. Obviously, they become aware of various information resources. The attitude of the students regarding not sharing their information even about the relevant information had been a great problem we had to face.

File Description	Documents
Best practices in the Institutional web site	[View File]()
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The college has specialiesed in the area of soil and water analysis that makes the institution distinctive. The details are : a) Soil and Water Analysis b) Detection of food Adulteration. 2. Objectives: 1) To make the farmers aware of their soil health. 2) To counsel the farmers to reduce production cost and increase crop yield. 3) To make awareness among villages and farmers about quality of drinking water and irrigation. 4) To make the people aware about the kind of adulteration of the food products they use. 5) To suggest simple method for detection of adulteration in food items. 6) To make people aware of their consumer rights. 3. The Context: The soil is an essential part of agriculture. However, the farmers are neglecting this important aspects thereby their cost of production increases and there is considerable decrease of crop yield. Either the soil is overdosed with the fertilizer or there is a deficiency of fertilizer thereby reducing the productivity of the soil considerably followed by a great decrease in the crop yield. If the soil analysis is carried out it is possible for the farmers to know the nature of their soil deficiency of the nutrients in the soil so that they can improve

the soil accordingly. There is a complete awareness about the quality of water. The people are using for drinking water as well as water for irrigation. This leads to serve health problems hence it is essential to analyze the quality of water so that many waterborne diseases can be avoided. It is absorbed that many of our food items are adulterated leading to number of diseases. If people are made aware about the adulteration in foods the diseases could be avoided 4. The Practice: The collection of the soil sample is the first step of soil analysis. The college has prepared pamphlets about how to collect soil sample from the field. These pamphlets are distributed among the farmers on the weekly bazaar day. The farmers accordingly collect the soil sample from their fields

and bring them to our chemistry lab for soil analysis. The soil sample thus received is analyzed by the college staff and students using soil testing kits and standard given method of analysis. The soil test reports are prepared and farmers are asked to come on the nearest possible date on which they are counseled on the cropping pattern, the type and dose of fertilizer on the basis of their soil test report. The students are made aware about the importance of the soil and water analysis and bring about the collection of soil and water samples from the respective villages and bring them for analysis in the college. The students are involved in the soil and water analysis. A demonstration is given to the students about the adulteration in food items. A demonstration is also given before the people about the food adulteration so that their awareness about the same should be improved. 5. Evidences of Success: Feedback from the farmers about the soil test reports is very encouraging to us. The farmers mentioned that their expenditure on fertilizers has been reducing considerably and the crop yield has also increased. Many farmers have mentioned that water analysis has helped them to reduce the irrigation problem. The Villages came to know about the quality of water they are using thereby they take proper care for using the same. The people expressed that they never knew about the adulteration in food items. 6. Problems Encountered : • The farmers are very much reluctant upon soil testing. • The farmers do not want to change their traditional method of agriculture. • They completely neglect the quality of water for drinking as well as for irrigation. • The eating habits of the people are responsible for neglecting the food adulteration issues. 7. Resources Required : • Herculean efforts are needed to make people aware about soil, water and food. • We need the atomic Absorption spectrometer for micronutrients analysis • Incubators are needed for the microbial analysis of water and soil.

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Appropriate web in the Institutional website	**No File Uploaded**
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7.3.2 - Plan of action for the next academic year

1. Formation of the subject societies run by the students.

2. Quiz Competitions are conducged on the subjects as well as on the current issues which help students to face the competive world.

3. Poster Competition on account of National Science Day

4. Guest Lectures on Special Topics

5. Visits of the Students to Research Institute

6. Conduction of workshops on specific topics of interest.