

Yearly Status Report - 2018-2019

Par	t A
Data of the Institution	
1. Name of the Institution	SHRI MATHURADAS MOHOTA COLLEGE OF SCIENCE, NAGPUR
Name of the head of the Institution	Dr. S. G. Charalwar
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07122744992
Mobile no.	9822724232
Registered Email	mohotacollege@yahoo.co.in
Alternate Email	iqac.smmcs@gmail.com
Address	Sakkardara Square, Umred Road, Nagpur
City/Town	Nagpur
State/UT	Maharashtra
Pincode	440024

2. Institutional Sta	tus				
Affiliated / Constitue	ent		Affiliated		
Type of Institution		Co-education			
Location		Urban			
Financial Status		Self financed and grant-in-aid			
Name of the IQAC of	co-ordinator/Directo	r	Dr. Mrs. R.	S. Saha	
Phone no/Alternate	Phone no.		07122744992		
Mobile no.			9822724232		
Registered Email			saha.rina.s@	gmail.com	
Alternate Email			rinasaha.naa	ac@gmail.com	
3. Website Addres	S				
Web-link of the AQAR: (Previous Academic Year)		http://mohotasci.edu.in/wp-content/upl oads/2020/08/AOAR-2017-18.pdf			
4. Whether Acade the year	mic Calendar pre	pared during	Yes		
if yes,whether it is uploaded in the institutional website: Weblink :		http://mohotasci.edu.in/wp-content/upl oads/2020/08/Academic- Calendar-2018-19.pdf			
5. Accrediation De	etails				
Cycle	Grade	CGPA	Year of Accrediation	Vali	dity
3	A	3.10	2017	Period From 22-Feb-2017	Period To 21-Feb-2022
5	А	3.10	2011	22-FCD-201/	21-FCD-2022
6. Date of Establis	hment of IQAC		01-Nov-2005		
7. Internal Quality	Assurance Syste	m			
	Quality initiatives	s by IQAC during t	he year for promoti	ng quality culture	
Item /Title of the q	uality initiative by		Duration Number of participants/ beneficiaries		ants/ beneficiaries
Debekekendhen	for Old Age	24-211	g-2018	7	2

Home (Deptt of Life Long Learning & Extension)	1	
Celebration of National Sports day	29-Aug-2018 1	56
Blood Donation Camp	25-Sep-2018 1	23
Clinical Research Awareness Seminar	12-Jan-2019 1	100
Voter Awareness Elocution by NSS volunteers on occasion of Voter	25-Jan-2019 1	225
One day workshop on NAAC: A Concept and related aspects	20-Feb-2019 1	65
Celebration of the National Science Day 2019 on the theme 'Science for the people and people for the science'	27-Feb-2019 1	200
Marathi Bhasha Gaurav Din	27-Feb-2019 1	68
Organ Donation Attitude and Awareness Workshop	28-Feb-2019 1	350
Self Employment Courses for Girls: a)	08-Mar-2019 1	30
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
College	Salary Grant	Government of Maharashtra	2018 365	67199952
College	nss	RTM Nagpur University, Nagpur	2018 300	30600
		<u>View File</u>		

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	<u>View File</u>
10. Number of IQAC meetings held during the	4
year :	

website	
Upload the minutes of meeting and action taken report	<u>View File</u>
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

• Short term courses and bridge courses were organized at the beginning of the session. • One day workshop on NAAC was organized with a theme: 'A concept and related aspects' • Self Employment course for girls was organized to acquaint them with chocolate making, Madhubani painting workshops so as to make them sources of recreation and earning. • Organ Donation Attitude and Awareness workshop • Clinical Research Awareness seminar

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

Plan of Action	Achivements/Outcomes
To collect and analyze the feedback of students	• Feedback from students collected and analyzed at the end of session
To encourage faculty members and students to participate various conferences and seminars	• Faculty members and students participated in various international, national and state level conferences/ seminars/ workshops/symposium
Conducting various skill based Short Term courses	• Nine (09) short term certificate courses were conducted by various departments (Mushroom Cultivation - Botany; Water and soil testing- Chemistry; Functional English- English; Groundwater exploration -Geology; Sericulture -Zoology; Printed Circuit Design and Implementation- Electronics; Yoga & fitness for boys- Physical education and sports). Some more short term courses on the topics - personality development, legal awareness, reproductive health and hygiene (for girls) were also organized.
To encourage students to participate in college, University and national level sports /NSS/ Co-curricular activities	• Mr. Amen Sakore, Mr. Rohan Sohade, Mr. Pushpak Lande, Mr. Sarthak Dhurve, Mr. Prathamesh Bahel and Mr. Sidhhesh Hardas on 13th Feb 2018 won the State level competition for 5 Km in `sea swimming' from Sunk rock to Gateway of India, Mumbai. • Our college bagged championship by securing 23 points in

inter collegiate Annual swimming tournaments. It was held at Kamgar Kalyan swimming pool, Nagpur from 26th to 28th September 2018. • RTM Nagpur University inter-collegiate swimming, diving, water- polo competition was organized by the Department of Physical Education & Sports of our own college at Kamgar Kalyan swimming pool, from 26th to 28th September 2018 and 59 teams of different college participated. • RTM Nagpur University Inter-collegiate Volley Ball men's tournament was held at our college and was organized by Department of Physical Education & Sports from 10th to 12th October 2018. Teams from 25 different college participated in this event. • RTM Nagpur University Inter-collegiate Volley Ball women's tournament was held in our college which was organized by Department of Physical Education & Sports from 13th to 16th October 2018. Teams from 19 different college participated in this event. • All India inter-varsity swimming competition was held at Bangalore. Mr Amen Sakore won three Gold & one Silver; Soham Rokde one Gold & one Silver; Mr. Lokesh Gabhane one Gold, & one Bronze & Mr Krunal Pawar one Gold, & one Bronze medals in this competition held from 28th Oct. to 2nd Nov 2018. • Mr Pushpak Lande and Sarthak Dhurve won state level swimming competition held at Nagpur from 4th to 6th Nov. 2018 and they were selected in Maharashtra water polo team. • Ms Shreya Aylwar won gold medal in Inter-collegiate fencing competition held at RTM Nagpur University, Nagpur in the month of January 2019. She got selected in RTM Nagpur University team for All India Inter University competition held at Amritsar in Feb. 2019. • Mr V. Naidu won gold medal in Inter-collegiate Hand Ball tournament and he was selected in All India Inter University RTM University team held at Chandigarh in February 2019. • Mr. Pankaj Chaudhari and Mr. Akshaya Wagh won gold medal in divisional Taekwondo competition and they were selected for the state level competition held at Aurangabad. • Mr. Shubham Sonkusare B Sc Semester-IV was awarded consolation prize in state level student seminar competition organized by Bajaj Science College,

	Wardha on 19 March 2019. • Ms. Harsha
	Zade and Ms Priyanka Gajbhiye, M Sc Semester-II were awarded consolation prizes in state level student seminar competition organized by Bajaj Science College, Wardha on 19 March 2019. • Ms. Ankita Kamdi M. Sc. Semester-IV was awarded second prize in VUPTA Seminar competition and Mr. Pushpak Bhat and Mr. Pankaj Kamdi M Sc Semester-IV were awarded 2nd Prize in VUPTA poster competition held at SFS College, Nagpur on 10 March 2019. • Voter's awareness rally was organized by NSS Volunteers on 2 February 2019 • 'Save Bird'
To encourage all departments to organize Poster/ Model/ Symposium/ Seminars / competitions / Workshops /Guest Lecture of Eminent resource persons	 Department of Electronics organized one day symposium on 'Luminiating Enhancement in Digital Electronics' on 10th July 2018. • Inter collegiate science model and poster competition was organized by department of Botany on 16th January 2019; 81 model & 46 posters were presented by students. • A guest lecture delivered by Shri Anurag Luharia, on the topic 'Radiation Biology' for the students of B. Sc. and M. Sc. of department of Zoology and Physics on 1th February 2019. • Guest Lecture of Dr. W. S. Marathe & Dr. S. S. Dhondge organized by Department of Chemistry for students of B. Sc. and M. Sc on 6th & 7th March 2019. • Department of Physics organized a visit to cancer hospital (in Kalamna, Nagpur) for an exposure to medical physics equipment for M. Sc. Physics students on 16th February, 2019. • All the departments organized various events like poster, seminar, debate and quiz competitions on account of national science day. • Shri Saurabh Paunikar, renowned ground water scientist gave a lucid demonstration on various aspect of ground water prospecting on 26th February 2019. • Shri Parag Kosurkar delivered a talk on the topic "Importance of Electronics" for B. Sc. electronics students on 11th January 2019. • One week certificate course on bee-keeping Training workshop in collaboration with Khadi and village industries commission, Nagpur (11-15th March 2019). • Olympiad was organized on Human Rights, Indian Judiciary System & The Constitution of India by Shri Pratik Chirde, Tech Trainer, Bombay on 19th March 2019.

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14. Whether AQAR was placed before statutory body ?	Yes
Name of Statutory Body	Meeting Date
CDC	29-Feb-2020
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	18-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Our institution has been using following modules for Management Information System (MIS): LIBMAN - (Library Management System) which is a highly integrated user friendly computerization system is in use for all operations of the library. Acquisition cataloging, circulation, OPAC (Online Public Access Catalogue), serial control, newspapers entry and other utilities are being monitored though LIBMAN. It also generates various reports like the accession register, book purchasing report, total number of book titles, copies, funds, book circulation, reminder and find calculation report. It also provides the barcode printing for books and borrowers, book tickets, notices, etc. This software also generates MIS reports in a graphical format. The College Management System (CMS) was helpful in the office work related to: students applications for the university examinations, enrolment in the university, distribution of students admission cards for all the examinations. This module has therefore made the processes significantly fast and smooth and reducing the physical burden on the college staff. It has

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Education is best served when planned well in advance. The college designs its own academic calendar in accordance with that of the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur to which the college is affiliated. A well planned academic calendar is necessary for effective implementation of curriculum. The academic calendar is discussed in the IQAC and college council meeting for further implementation through the heads of the departments (HoDs). The constructive suggestions for better execution are given by faculty members and are discussed considering their merits and demerits. The appropriate inputs are included in action plan for effective implementation of curriculum during the finalization of the calendar. The college offers various value added courses as part of the 'Multi Skill Development Programme' to all the students admitted to BSc semester I. These courses are divided in two groups, namely, personality development and subject specific for vocational and entrepreneurial development. The subject specific courses are offered to students according to the subject groups they choose for the degree course. Curriculum/ syllabi of all these courses are designed by the respective subject coordinators who are the faculty members of the college in consultation with the experts from the subject. IQAC plays an important role in designing, development and execution of the action plan. It is responsible for coordination and monitoring of the academic and co-curricular activities throughout the year. • The HoDs conduct the departmental meetings for execution of the action plan as per the academic calendar. Curriculum/syllabi are distributed as per the prescribed workload among the staff members. These meetings are also utilized to discuss various cocurricular activities to be conducted during the session • The Principal and Vice-Principals conduct meeting with all HoDs and approve the academic activities to be conducted during the session. • Time table committee frames the time table as per the directions from the university. • Each faculty member marks attendance of students for theory and practical courses. Students are made aware of the course of teaching well in advance. • Continuous evaluation is carried out through Unit Tests/ Home Assignments/ Homework etc. or combination of few of these. • Study material and question banks are provided as per the need. • Faculty members of the college actively participate in the syllabus restructuring workshops, seminars and conferences. • Some of the faculty members are also the members of the Board of Studies for respective subjects in the university and directly participate in the syllabus/ curriculum designing. • Feedback mechanism helps for effective implementation of curriculum as per the needs expressed by the students from time to time. • College has various subject wise societies which conduct programmes to give additional exposure to the students in curricular and co-curricular activities. • Subject related field / industrial / research institute visits regularly arranged. • Bridge courses are conducted for the newly admitted students at the start of academic session.

1.1.2 - Certificate/ Diploma Course	es introduced during th	e academic year		
Certificate Diploma Cours	ses Dates of Introduction	Duration	Focus on employ ability/entreprene	Skill Development

				urship	
Certificate course on beekeeping conducted by department with of Zoology in association with Khadi and Village Industries Commission	Ility	11/03/2019	5	The course on beekeeping was organized keeping in mind the agriculture background of the students so that they can start their small scale industry based on the knowledge and certificate provided by the Khadi and Village Industries Commission.	Under the aegis of Khadi and Village Industries Commission, the students were made familiar with the social lives of honey bees and the techniques for rearing and handling the bees This helped the students to improve their specific skill sets.
1.2.1 – New programme	s/courses intro	duced during the aca	demic year		
Programme/Co	ourse	Programme Spe	adalization	Datas of Ir	
		r iogramme ope	ecialization	Dates of Ir	ntroduction
		ot Applicable !		Dates of Ir	ntroduction
			11	Dates of fr	ntroduction
No Data 1.2.2 – Programmes in w	Entered/No	No file up	!! ploaded.		
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No Data 1.2.2 – Programmes in w affiliated Colleges (if appl Name of programme CBCS	Entered/No which Choice E licable) during es adopting	No file up Based Credit System (the academic year.	!! ploaded. CBCS)/Elective ecialization	course system impl	lemented at the
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No Data No Data 1.2.2 – Programmes in waffiliated Colleges (if apple) Name of programme CBCS No Data	Entered/Newhich Choice Elicable) during	ot Applicable ! No file up Based Credit System (the academic year. Programme Spe ot Applicable !	!! ploaded. (CBCS)/Elective ecialization !! roduced during the second during the	course system imple Date of imple CBCS/Elective ne year	lemented at the
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Fundamentals	24/07	/2018	86	
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3.2 – Field Projects / Internships und	ler taken during the	year		
Project/Programme Title	Programme S	Specialization	No. of students enrolled for Field Projects / Internships	
BSc	Bot	any	239	
BSc	Geol	Logy	51	
MSc	Bot	any	42	
MSc	Zool	Logy	36	
MSc	Botany	Project	9	
MSc	Zoology	Project	7	
	View	<u>v File</u>		
4 – Feedback System				
4.1 – Whether structured feedback r	eceived from all the	stakeholders.		
Students			Yes	
Teachers			Yes	
Employers			No	
Alumni			Yes	
Parents 4.2 – How the feedback obtained is l aximum 500 words)	being analyzed and	utilized for overal	No I development of the institution?	
4.2 – How the feedback obtained is			I development of the institution?	

separately. The questions which were asked covered various aspects of the curriculum, including, the frequency of up-gradation, the structuring of the course contents, size of the syllabus, the ability of the content to encourage students to explore a particular subject more, the capacity of the course to generate employable workforce, the capacity to strengthen analytical skills and conceptual thinking ability. As per the overall response received, the courses have been designed in a satisfactory way however, most of the respondents felt a need of frequent up-gradations. Also most of the respondents agree that there is a need of increasing the skill based component. The analyses of various subjects were conveyed to the university through the teachers who are part of boards of studies of respective subjects. • The overall feedback system is effective for the overall improvement of the college.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio	during the year				
Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled	
BSC	Science	1260	1410	1052	
MSc	Botany	44	0	37	
MSc	Chemistry	44	0	42	
MSc	Mathematics	44	0	44	
MSc	Physics	44	0	46	
MSc	Zoology	44	0	40	
	-		•		

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

-						
	Year	Number of	Number of	Number of	Number of	Number of
		students enrolled		fulltime teachers	fulltime teachers	teachers
		in the institution	in the institution	available in the	available in the	teaching both UG
		(UG)	(PG)	institution	institution	and PG courses
				teaching only UG	teaching only PG	
				courses	courses	
	2018	1052	209	23	10	10

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), Elearning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e- Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used				
33	15	9	5	3	16				
View File of ICT Tools and resources									
	<u>View Fil</u>	e of E-resour	ces and techni	lques used					

2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 words)

Batch-wise B.Sc. Semester I and Semester II students are allotted to the faculty members. One batch is allotted per staff member. Students mentoring system helps in understanding the problems being faced by the students. The mentees directly contact their mentors for counselling. This helps in increasing the subject knowledge of

students and in solving their problems. Depending upon the needs and feedback from the students, their difficulties are attended to and solved. Remedial classes are conducted if required. Some of the students even discuss and get help about their personal problems from mentors. They are motivated to pursue higher education, pursue their hobbies. They are given counselling to identify proper career, shape their personality and inculcate confidence in them. Especially some shy girls do approach their mentors or some lady staff members and discuss various personal issues and find lot of satisfaction on getting a help.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
432	23	1:19

2.4 – Teacher Profile and Quality

2.4.1 - Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
48	23	25	0	21

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

	Year of Award	Name of full time receiving awar state level, natio international	rds from onal level,	Des	signation	fellov	ame of the award, vship, received from nment or recognized bodies
	2018	Dr. D. V. Na	andanwar	Associat	e Professor	for in "PI Kore Ocea Busa	travel grants teachers for attending nternational conference HENMA2018" at a Maritime and an University, n, South Korea 11 Aug. 2018
	2018	Dr. J. N. R	Ramteke	Associat	e Professor	for in "PI Kore Ocea Busa	travel grants teachers for attending nternational conference HENMA2018" at a Maritime and an University, n, South Korea 11 Aug. 2018
	2019	Dr. S. S. Bl	honsale	Di	rector	from	Coach received Khasdar Krida otsav Samiti, Nagpur
			View	<u>, File</u>			
2	.5 – Evaluation Process a	and Reforms					
	2.5.1 – Number of days from ne year	the date of seme	ster-end/ ye	ear- end exa	mination till the d	eclarat	tion of results during
	Programme Name Pro	ogramme Code	Semest	er/ year	Last date of the semester-end/ y end examinati	ear-	Date of declaration of results of semester- end/ year- end

				examination
BSc	BSc	I	30/04/2019	05/08/2019
BSc	BSc	II	30/04/2019	01/08/2019
BSc	BSc	III	30/04/2019	28/06/2019
MSc	Botany	I	30/04/2019	30/05/2019
MSc	Botany	II	30/04/2019	20/06/2019
MSc	Chemistry	I	30/04/2019	11/06/2019
MSc	Chemistry	II	30/04/2019	20/06/2019
MSc	Mathematics	I	30/04/2019	24/05/2019
MSc	Mathematics	II	30/04/2019	26/06/2019
MSc	Physics	I	30/04/2019	10/06/2019
		<u>View File</u>		

2.5.2 - Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluation is undertaken by the individual departments. Various parameters considered are: a. Attendance monitoring: 75 percent attendance is mandatory. b. Seminars: departments organise seminars for B.Sc. and M.Sc. students. c. Assignments: assignments are given, evaluated and discussed with the students. d. Unit tests: after completion of units, unit tests are conducted by the departments. The students' performance is discussed with them. e. Terminal examination: full course exam is conducted at the end of each session. f. Science exhibitions: during Science Day celebration, science poster, students seminar and model exhibitions are organised. g. Competitions: poster competitions on topics pertaining to the syllabus, quiz competitions are a regular activity. h. Excursions: botanical, geological and zoological excursions are undertaken, which help the students in understanding the subject in depth. Students submit a report of the same. i. Industry and research laboratory visit: visit to research institutes and industries in the nearby areas is a regular facet.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The college follows the academic calendar as published by the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. For the year 2018-19 the academic calendar was as given below. The academic calendar prepared by the university is displayed on college website, as well as the notice board of college. Accordingly the college IQAC in consultation with the departments also prepares a calendar. This basically decides the schedule of multi-skill programme, bridge course, class / unit test, prelim examination, schedule of guest lectures, educational tours, sports and cultural events etc. I. Terms and vacation First term (Odd semesters) 15.06.2018 to 17.10.2018 Winter vacation 18.10.2018 to 17.11.2018 Second term (Even semesters) 19.11.2018 to 30.04.2019 Summer vacation 01.05.2019 to 14.06.2019 II. Admissions Last date of admission (first term) 06.08.2018 III. Examination Winter examination (regular students) 18.10.2018 Winter examination (failure students) 03.10.2018 Summer examination (regular students) 12.03.2019 Summer examination (failure students) 20.02.2019 IV. Declaration of Results Declared by the university V. Multi Skill Development programme 23 to 28 July 2018 VI. Bridge course 16 to 21 July 2018

VII. Science Day celebration 25 to 28 February 2019

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://mohotasci.edu.in/wp-content/uploads/2020/10/POs-PSOs-and-COscompressed.pdf

2.6.2 – Pass percer	ntage of students				
Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
M.Sc.	MSc	Zoology 18		10	55.55
M.Sc.	MSc	Physics	24	9	37.50
M.Sc.	MSc	Mathematics	20	17	85.00
M.Sc.	MSc	Chemistry	20	15	75.00
M.Sc.	MSc	Botany	18	5	27.77
B.Sc.	BSC	Science	285	205	71.92
		View	<u>v File</u>		

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<u>http://mohotasci.edu.in/wp-content/uploads/2020/10/Student-Satisfaction-</u> <u>Survey-2018-19-for-AQAR-1.pdf</u>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 - Research funds sanctioned and received from various agencies, industry and other organisations

	Nature of the Project	Duration		Name of thage	0		otal grant anctioned		mount received during the year								
		No D	ata E	ntered/N	ot Appli	cable	111	•									
				No file	uploaded	l.											
3	.2 – Innovation Eco	system															
	3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year																
	Title of workshop/seminar Name of the Dept. Date																
		No D	ata E	ntered/N	ot Applio	cable	111										
3	3.2.2 – Awards for Inn	ovation won by li	nstitutio	n/Teachers	/Research s	cholars	/Students durin	g th	e year								
	Title of the innovation	Name of Awa	rdee	Awarding	g Agency	Dat	e of award		Category								
		No D	ata E	ntered/N	ot Applio	cable	111										
				No file	uploaded	l.											
3	3.2.3 – No. of Incubati	on centre created	d, start-	ups incubat	ed on camp	us durir	ng the year										
	Incubation Center	Name	Spon	sered By	Name of Start-u		Nature of Star up	rt-	Date of Commencement								
		No D	ata E	ntered/N	ot Applio	cable	111										
				No file	uploaded												

		who receive reco	gnition/a	awards				
State			Natio	onal		International		
	0		0			0		
3.3.2 – Ph. Ds aw	arded during t	he year (applicabl	e for PG	College	e, Research Cei	nter)		
N	lame of the De	partment			Number	of PhD's Awarde	d	
	Physic	!S				3		
.3.3 – Research	Publications ir	the Journals noti	fied on l	JGC we	osite during the	year		
Type D		Department		Numl	per of Publication	, , , , , , , , , , , , , , , , , , ,	erage Impact Factor (if any)	
Nation	al	Chemistry			3	().43	
Nation	al	Geology			1		0	
Nation	al	Botany			1	5	5.06	
Internati		Physics			3		L.05	
Internati	lonal	Chemistry			1	().42	
		dited Volumes / B		<u>File</u>				
	Departmo 0	ent			Numb	er of Publication		
	•	No	file	ານກ່າວອ	led.			
	•	cations during the an Citation Index Title of journal	e last Aca Yea		rear based on a	verage citation in	idex in Scopus	
Paper	Author		public	ation		affiliation as mentioned in	citations	
						the publication	excluding sel citation	
C-S and C- N coupling reactions of barbituric acid via selective and complete b romination using greener KBr/H2O2 as a bromi nating agent	M. G. Dhonde	J. Indian Chem. Soc	20	18	0		-	

thiadiazin , thiazoli din, triazine, thioxo- pyrimidin and thioxo -imidazoli dine by in ter-intra molecular cyclizatio n						
Synthesis of amino and thiol functional ized reduced graphene oxide composites	M. G. Dhonde	Int. J. Curr. Eng. Sci. Res	2019	0	Yes	0
HPLC purif ication technique: synthesis of unsymme trical thi obarbituri c acids.	M. G. Dhonde	Heliyon	2019	0	Yes	0
			<u>View File</u>			
3.3.6 – h-Index of	the Institutiona	I Publications du	ring the year. (ba	ased on Scopus/	Web of science))
Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
C-S and C- N coupling reactions of barbituric acid via selective and complete b romination using greener KBr/H2O2 as a bromi nating agent	M. G. Dhonde	J. Indian Chem. Soc	2018	1	0	Yes
Synthesis of thiazol,	M. G. Dhonde	Ind. J. Chem. Sec.B	2018	0	0	Yes

thiazinan, thiadiazin , thiazoli din, triazine, thioxo- pyrimidin and thioxo -imidazoli dine by in ter-intra molecular cyclizatio n						
Synthesis of amino and thiol functional ized reduced graphene oxide composites	M. G. Dhonde	Int. J. Curr. Eng. Sci. Res	2019	0	0	Yes
HPLC purif ication technique: synthesis of unsymme trical thi obarbituri c acids	M. G. Dhonde	Heliyon	2019	1	0	Yes
Photolumin escent Ele ctrospun europium Complex Eu(TTA) 3 p Hen embedded polymer blend nano fibers.	Dr. D.V. Nandanwar	Optical Materials	2018	8	14	Yes
Polypyrrol e / MnO 2 Nanocompo sites as Potential electrodes For superc apacitors	Dr. D.V. Nandanwar	Advanced Materials Letters	2018	0	0	Yes
Evaluation of Antifungal potential of Endophytic	Dr. A.A. Fulzele	Int. J. of Res. In Bi osciences, Agricultur e and Tech nology.	2018	2	7	Yes

fungus Preessia isabellae isolated from Azadi rachta indica	(VI). Vol III.2018					
i		View	<u>File</u>			
3.3.7 – Faculty participation	in Seminars/Confe	rences and	Symposia	during the year :		
Number of Faculty	International	Natio	onal	State	Local	
Attended/Semina rs/Workshops	8	1	7	0	4	
Presented papers	8	4	:	2	0	
Resource persons	3	4	:	1	4	
		<u>View</u>	<u>File</u>			
3.4.1 – Number of extension Non- Government Organisat Title of the activities	ions through NSS/N	NCC/Red c	ross/Youth I Numbe	Red Cross (YRC) etc., during the year Number of students	
	collaborating a			ated in such ctivities	participated in such activities	
Yoga camp		. College of nce (Sports dept)		4	50	
Certificate program of one week on Beekeeping	Departmen Zoology, S College of S Nagpur collaboratio State Beeke Extension C (KVIC)	.M.M. cience, in on with ceping Centre		4	40	
Rakshabandhan	and extension (Electronics S.M.M. Coll	Lifelong learning and extension unit, (Electronics dept) S.M.M. College of Science		2	64	
Summer coaching Camp in Collaboration with Nagpur District Amateur Aquatic Association, Nagpur		ports		4	55	
		View	<u>File</u>		•	
3.4.2 – Awards and recogni during the year	tion received for ext	tension acti	vities from (Government and	other recognized bodies	
Name of the activity	Award/Recog	gnition	Award	ling Bodies	Number of students Benefited	

Swimming		st swimmin n Nagpur D: 2018-1	istrict	Sw	District imming ociation		9	
World free of Diabetes	T	The missionary of the campaign		Adore Trust		200		
			<u>View</u>	<u>File</u>				
3.4.3 – Students partici Organisations and prog					-			
Name of the scheme	cy/col	y/collaborating agency		ne activity	Number of teachers participated in such activites		Number of students participated in such activites	
Swachh Bharat Abhiyan	of S	M. College Campus cleaning 23 Science, Nagpur			50			
Blood Donation camp	learr extens S.M.M.	Telong ning and ion unit, College Science	Blood de	onation	5		56	
Visit to Maharogi Sewa Samiti, Anandwan, Warora (leprosy rehabilitation center)	Visit to Lifelong Jaharogi Sewa Samiti, Anandwan, Fora (leprosy Samitiation Lifelong learning and S.M.M. College of Science		Excursion Tour		2		65	
.5 – Collaborations			<u>View</u>	<u>r File</u>				
3.5.1 – Number of Colla	aborative	activities for re	esearch, fac	ulty exchar	nge, student excha	ange d	uring the year	
Nature of activity		Participa	nt	Source of f	inancial support	Duration		
Faculty Exchan	Dr	. M. G. Dh Shri Shiv Science Co	st lecture by . G. Dhonde at mri Shivaji ence College, Amravati		Self		1	
Faculty Exchange		Guest lecture by Dr. M. G. Dhonde at Taywade College at Koradi		Self		1		
S.M. O Science guest Taywade Koradi o		Sc. stude S.M. Colle cience atte guest lect aywade Coll radi deliv r. Vijay T	ege of ended a ure at lege at rered by		Self	1		
Student Exchan	Ta K	Sc. stude aywade Coll oradi atte guest lectu S.M. Colle	lege at inded a ure at		Self		1	

		delive	ce, Nagpur, red by Dr. W. Marathe <u>View</u>	<u>/ File</u>			
3.5.2 – Linkages wit facilities etc. during t		ons/indus	tries for internship,	on-the- job training	, project w	/ork, shar	ing of research
Nature of linkage	Title d linka		Name of the partnering institution/ industry /research lab with contact details	Duration From Duration To		Participant	
		No D	ata Entered/N	ot Applicable	111		
			No file	uploaded.			
3.5.3 – MoUs signed houses etc. during th		titutions o	f national, internatio	onal importance, oth	ner univer	sities, ind	ustries, corporate
Organisatio	n	Date	of MoU signed	Purpose/Activities		stud	Number of ents/teachers ated under MoUs
Maharashtra C for Entrepreneur Development ((An autonom society work under directo of Industri Govt. of Maharashtr Aurangaba	Ship MCED) Nous king orate .es, : : a)	15	/03/2019	Entrepreneur Developme activitie	nt	ship 10 nt	
Qversity Educ Services P Ltd.D-8. 2nd : Sector3, Noida-2013	vt. floor,	26	/04/2019	To provide online cours demand and provide mark collaterals f purpose o marketing, t students	es on to eting or the of o our	es on to eting or the f o our	
			View	<u>File</u>			
CRITERION IV -	INFRAS	TRUCT	URE AND LEAR		CES		
4.1 – Physical Fac	ilities						
4.1.1 – Budget alloc	ation, exc	cluding sa	lary for infrastructu	re augmentation du	ring the y	ear	
Budget allocate	ed for infra	astructure	augmentation	Budget utilize	d for infra	structure	development
	343	200			256	486	
4.1.2 – Details of au	igmentatio	on in infra	structure facilities d	luring the year			
	Facil	ities 15 Area		Exi	sting or N Exist		ed

		CTUBB	s roo	JIIB				Exist	ing		
	1	Labora	ator	ies				Exist	ing		
Cla	assroom	s witl	h LC	D facili	ties			Exist	ing		
					View	w File					
.2 – Librar	y as a Le	arning	Res	ource							
4.2.1 – Libra	ary is autor	mated {	[Integ	rated Librar	y Managerr	nent Systen	n (ILMS)}				
	of the ILM oftware	S	Natu	ire of autom or patial	automation (fully Version Year of automation patially)					omation	
Li	.b-man			Fully	7		3.9			201)
4.2.2 – Libra	ary Service	s									
Library Service Ty		l	Existi	ng		Newly Ac	lded			Total	
Text Boo	oks 3	0690		3045788	23	17	77053	:	3090	7 3	122841
Referen Books		3543		364967	2	0	8500		3563	3	373467
Journal	Ls	16		39250	(0	0		16		39250
CD & Vid	leo	180		15000	(6	0		186		15000
4.2.3 – E-co Graduate) SI Learning Ma	WAYAM o anagemen	ther MC t Syster	DOCs m (LN	s platform N /IS) etc	PTEL/NME	ICT/any oth	ner Governm	nent ini	tiative	es & institu	tional
Graduate) SN Learning Ma	WAYAM o	ther MC t Syster	DOCs m (LN	s platform N	PTEL/NME	ICT/any oth Platform		nent ini	tiative		tional ching e-
Fraduate) S	WAYAM o anagemen	ther MC t Syster	DOCs m (LN	s platform N //S) etc lame of the	PTEL/NME Module ntered/N	Platform of is o	on which mo developed	nent init	tiative	es & institu ate of laun	tional ching e-
Graduate) S∖ ∟earning Ma Name of	WAYAM o anagemen f the Teacl	ther MC t System ner	DOCs m (LN	s platform N //S) etc lame of the	PTEL/NME	Platform of is o	on which mo developed	nent init	tiative	es & institu ate of laun	tional ching e-
Graduate) SN Learning Ma Name of Name of	WAYAM o anagemen f the Teacl astructur	ther MC t System her e	DOCs m (LN N	s platform N AS) etc lame of the fo Data E	PTEL/NME Module ntered/N	Platform of is o	on which mo developed	nent init	tiative	es & institu ate of laun	tional ching e-
Graduate) SN Learning Ma Name of 3 – IT Infra	WAYAM o anagemen f the Teacl astructur	ther MC t System her e	DOCs m (LN N N ion (c	s platform N AS) etc lame of the fo Data E	PTEL/NME Module ntered/N	Platform of is o	on which mo developed .cable !! d.	nent init	tiative Da	es & institu ate of laun	tional ching e- nt
Graduate) SV Learning Ma Name of .3 – IT Infra 4.3.1 – Tech	WAYAM o anagemen f the Teach astructur anology Up Total Co	ther MC t System ner e ogradat	DOCs m (LN N ion (couter ab	s platform N AS) etc lame of the lo Data E overall)	PTEL/NME Module ntered/N No file Browsing	Platform of is of ot Appli uploade	on which mo developed .cable !! d.	nent init dule ! Depar	tiative Da	ate of laun conte Available Bandwidt h (MBPS/	tional ching e-
Graduate) SN _earning Ma Name of .3 – IT Infra 4.3.1 – Tech Type Existin	WAYAM o anagemen f the Teacl astructur mology Up Total Co mputers	e ogradat Comp La	DOCs m (LN N ion (couter ab	s platform N AS) etc lame of the to Data E overall)	PTEL/NME Module ntered/N No file Browsing centers	Platform of is of ot Appli uploade Computer Centers	on which modeveloped	Depar	rtme	Available Bandwidt h (MBPS)	tional ching e- nt Others
Graduate) SV Learning Ma Name of 3 – IT Infra 4.3.1 – Tech Type Existin g	WAYAM o anagemen f the Teacl astructur mology Up Total Co mputers 74	e ogradat Comp La	DOCs m (LN N ion (c outer ab	s platform N AS) etc lame of the to Data E overall) Internet	PTEL/NME Module ntered/N No file Browsing centers	Platform of is of is of uploade Computer Centers	on which modeveloped ccable !! d. Office	Deparnts	rtme	Available Bandwidt h (MBPS) 10	Ching e- nt Others
Graduate) SV _earning Ma Name of .3 - IT Infra 4.3.1 - Tech Type Existin g Added Total	WAYAM o anagemen f the Teacl astructur mology Up Total Co mputers 74 0 74	e ogradat Comp La 2.	DOCs m (LN N ion (c outer ab	s platform N AS) etc lame of the to Data E overall) Internet 3 0 3	PTEL/NME Module ntered/N No file Browsing centers 1 1 0 1	ICT/any oth Platform of is of ot Appli uploade Computer Centers	on which modeveloped cable !! d. Office	Deparnts	rtme	Available Bandwidt h (MBPS) 10	tional ching e- nt Others 3 0
Graduate) SV _earning Ma Name of .3 - IT Infra 4.3.1 - Tech Type Existin g Added Total	WAYAM o anagemen f the Teacl astructur mology Up Total Co mputers 74 0 74	e ogradat Comp La 2.	DOCs m (LN N ion (c outer ab	s platform N AS) etc lame of the to Data E overall) Internet 3 0 3	PTEL/NME Module ntered/N No file Browsing centers 1 0 1 tion in the I	ICT/any oth Platform of is of ot Appli uploade Computer Centers	on which modeveloped cable !! d. Office	Deparnts	rtme	Available Bandwidt h (MBPS) 10	tional ching e- nt Others 3 0
Fraduate) SV Learning Ma Name of .3 – IT Infra 4.3.1 – Tech Type Existin g Added Total	WAYAM o anagemen f the Teacl astructur nology Up Total Co mputers 74 0 74 dwidth ava	e ogradat Comp La 0 2. ilable o	DOCs m (LN N ion (c outer ab	s platform N AS) etc lame of the to Data E overall) Internet 3 0 3	PTEL/NME Module ntered/N No file Browsing centers 1 0 1 tion in the I	ICT/any oth Platform of is of ot Appli uploade Computer Centers	on which modeveloped cable !! d. Office	Deparnts	rtme	Available Bandwidt h (MBPS) 10	tional ching e- nt Others 3 0
Added Add Ad	WAYAM o anagemen f the Teacl astructur nology Up Total Co mputers 74 0 74 dwidth ava	e ogradati Comp La 0 2: ilable o ontent	DOCs m (LN N ion (C Duter ab	s platform N AS) etc lame of the to Data E overall) Internet 3 0 3	PTEL/NME Module ntered/N No file Browsing centers 1 1 0 1 1 10 MBPS	ICT/any oth Platform of is of ot Appli uploade Computer Centers 1 0 1 stitution (I	er Governm on which mo developed .cable !! d. Office 11 .eased line) the link of th	Deparnts	rtme s	Available Bandwidt h (MBPS/ GBPS) 10 0 10	tional ching e- nt Others 3 0 3

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
844220	589286	1333750	1824038

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college ensures optimal allocation and utilization of available resources for maintenance and up-gradation of different facilities. Regular meetings of management, CDC, IQAC, Head of the departments, various committee are held for this purpose. The grants are then disbursed as per the requirements in the interest of students. Laboratories: - Record of maintenance of instruments and equipments is maintained by lab technicians and supervised by HoDs of the concerned departments. The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians of related service agent of the manufacturer. The instruments and equipments used for experiments are annually cleaned and maintained by the concerned departments and record of maintenance is maintained by lab technicians and supervised by HoDs of the concerned departments. There is systematic disposal of waste of all types such as biodegradable chemical/chemical and e-waste. Library:-The requirement and list of books is taken from the concerned departments HoDs. The finalized list is duly approved by the Principal. The 'Library Advisory Committee' meets periodically to review the needs of the Library. To ensure return of books, `no dues' from the library is mandatory for students before appearing in exam. The proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule of issue/return of books etc. are chalked out and resolved by the library committee. Computers:-Computer maintenance through AMC is done regularly by the college staff and nonrepairable systems are disposed off. Software and hardware are periodically reviewed and upgraded as per requirement. The ICT smart classrooms and the related systems are maintained with AMC of the corresponding service provider. The college Website is maintained and updated regularly by AMC with WINSPIRE technologies web designer, Nagpur. The AMC of software is made with Kumar Computers Nagpur. Classrooms: - The college has a building committee for maintenance and upkeep of infrastructure. At the departmental level, HoDs submit their requirements to the principal regarding classroom furniture and other things. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipment. Students are vigilant regarding cleanliness and motivated for energy conservation by careful use of electricity in classrooms. The maintenance and cleaning of the classrooms, library and the laboratories are done with the efforts of the cleaning services employed on contract. There are technicians, mason, plumbers, carpenters deputed by management who ensure the maintenance of classrooms and related infrastructure. Sports facilities:- The college has its own sports ground that is maintained and upgraded regularly with the help of the ground staff and other contracting agencies. In the indoor hall Table Tennis, Carom, and Chess is played. A good Gym is available in the sports department where students are beneficiaries. For swimming competitions nearby swimming pool is hired for the purpose.

http://mohotasci.edu.in/wp-content/uploads/2020/10/Procedure-and-Policies-for-Maintaining-and-Utilizing-Physical.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support			
5.1.1 – Scholarships and Fina	ancial Support		
	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Promotion for sports and cultural activity and incentives to meritorious students	405	190568
Financial Support from Other Sources			
a) National	Government of India /Maharashtra Scholarship for SC, ST, NT, OBC, SBC, PWD EBC	837	7842542
b)International	None	0	0
	View	<u>File</u>	

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Student Counselling and Career Guidance Clinical Research Awareness Seminar	12/01/2019	103	Dr. Poonam Lokhande from Clinomic Center, Nagpur
Bridge Courses	30/07/2018	432	All (UG) Teachers, SMMCS
Short Term Certificate Courses	23/07/2018	432	All (UG) Teachers, SMMCS
Lecture on Legal Awareness	25/07/2018	300	Dr. Mrs. Sandhya Kalamdhad
Yoga Camp	10/06/2018	60	Department of Physical Education and Sports, SMMCS
	View	/ File	

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

	Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed		
2	2018	None	0	0	0	0		
2	2019	None	0	0	0	0		
	No file uploaded.							

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual

Total grievan		_	ances redressed	Avg. number of da redre		
()	()	C		
5.2 – Student Prog	gression					
5.2.1 – Details of ca	ampus placement d	uring the year				
	On campus Off campus					
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed	
Reliance Jio	133	6	Axis Bank Ltd., Goyal software, Ph armaceutical industry	3	3	
		View	<u>w File</u>			
5.2.2 – Student prog	gression to higher e	education in percen	tage during the yea	r		
Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to	
2019	4	B.Sc.	Botany	Shri Mathuradas Mohota College of Science, Nagpur	M.Sc. Botan	
2019	11	B.Sc.	Geology	PG Departments of various institutions	M.Sc. (Please refer to the file attached fo: further details)	
2019	2	B.Sc.	Physics	PG Departments of various institutions	M.Sc. (Please refer to the file attached for further details)	
2019	5	B.Sc.	Mathematics	PG Departments of various institutions	M.Sc. (Please refer to the file attached for further details)	
2019	3	B.Sc.	Zoology	PG Department of Zoology,	M.Sc. Zoology	

				RTM Nagpur University, Nagpur	
2019	2	B.Sc.	Electronics	PG Departments of various institutions	M.Sc. (Please refer to the file attached for further details)
2019	12	B.Sc.	Chemistry	PG Departments of various institutions	M.Sc. (Please refer to the file attached for further details)
2019	2	B.Sc.	Mathematics, Botany	Different institutions offering M.B.A.	M.B.A. (Please refer to the file attached for further details)
2019	1	B.Sc.	Zoology	Dr. Babasaheb Ambedkar Law College, Nagpur	LL.B. (3Yrs.)
2019	4	B.Sc.		Please refer to the excel file	
		View	w File	-	-
	alifying in state/ nat /GATE/GMAT/CAT/				
	Items		Number of	students selected/	qualifying
	NET			1	
	SET			2	
	Any Other			4	
		View	<u>w File</u>		
	cultural activities / c	ompetitions organi	sed at the institutior	n level during the ye	ear
.2.4 – Sports and c	Activity			Number of	Participants
	vity				20
	l Cultural	Intracol	llegiate		
Acti Sports and	l Cultural ities		llegiate llegiate	77	
Acti Sports and Activ:	l Cultural ities	Intercol			
Acti Sports and Activ: Spo:	l Cultural ities	Interco] <u>Vie</u> v	llegiate		

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	All India Folk Dance and One act play C ompetition (Himachal Pradesh), Third Prize in Folk Dance	National	0	1	Please refer to the excel file	Please refer to the excel file
2018	All India Folk Dance Competitio n (Odisha), First Prize	National	0	1	Please refer to the excel file	Please refer to the excel file

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Shri Mathuradas Mohota College of Science has a student council as per the directions of the Director, Student Welfare, RTM Nagpur University, Nagpur. Every year Vice-Chancellor of the university exercises his powers under section 12(8) of Maharashtra public university Act (VI of 2017) fixes the dates of constitution of students' council for each affiliated college. Students from B.Sc. and M.Sc. are elected unanimously. Also one student from NSS unit, cultural and sports are elected. The election of its secretory on behalf of the Management Council of the university is undertaken annually. Objectives of the active student council : 1) To develop cordial relations among the students, teachers, principal and non teaching staff members. 2) To stimulate the functioning of various committees. 3) To participate institution at intra and university level. 4) To act as a catalyst for the noble cause of nation building by working together. 5) To inculcate brotherhood. 6) Students of the institution play important role in various committees such as college development committee, anti-ragging committee, IQAC, college annual magazine committee, internal complaints committee. The students are motivated to participate in these activities by the respective activity coordinator. They are also guided and monitored in all these academic, cultural, and social activities. The students also participated in IQAC, which gives valuable suggestions and feedback, on the basis of which necessary and corrective steps are undertaken. Some of students work as volunteers to promote various curricular, co-curricular, cultural, social and sports activities in the college. But in the session 2018-19 Students Council election were not held, since there were no instructions from RTM Nagpur University, Nagpur in this concern.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association of the college was formed in 2008 and duly registered by the authority on 01.10.2016. Students from the year 1965 to 2008 were invited for

the meeting to form this association. Alumni association is functional since 2008. The basic objective of this association is to maintain better link between the institution and its alumnae to share details of growth, achievements and progress in various fields. The executive body of the association meets once in two or three month regularly. The alumni association during its executive meeting discusses various plans and activities to be carried out during the years. The life member fees is Rs. 1000/-. There are 292 life members registered as on 31 March 2018 in the association. The total fund deposited so far by the members is Rs 281212. The alumni association had performed various cultural, educational and social activities in the college. The Association extends its help to IQAC of the college by inducting one of the members of IQAC. The functions and various activities of the association is also displayed in the college website. The total number of alumni as on 31 March 2018 is 292 with total deposits of Rs. 281212/-

5.4.2 – No. of enrolled Alumni:

2

5.4.3 - Alumni contribution during the year (in Rupees) :

6500

5.4.4 - Meetings/activities organized by Alumni Association :

 Interactive meet on "Indigenous Way of Managing Urban Waste". 2) Lecturecum - Power point presentation regarding "Career in Defense". 3) Lecture on "Personality Development". 4) Interview of Students for Employment by Reliance Jio Co.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The College Development Committee (CDC), Principal, Vice Principal, heads of the departments and IQAC play key role in the institution to monitor and implement the plans of the institution. College has adopted decentralization of an administrative works which has resulted in increasing the overall quality, efficient and effective functioning of the college The Principal, viceprincipal, heads or coordinators of the departments have been given department level freedom / autonomy for teaching method / plan, time table distribution, conduction of internal examinations, conduct workshops/ hands on training, organization of guest lecturers, activities of departmental societies, etc. The departments are also empowered for contingency and miscellaneous purchases. With prior approval, even costly chemicals, equipment are authorized to purchase. The authorities have always been in favor of participative management and motivates faculty for their actions or voluntarily participation in curricular, co-curricular and extracurricular activities in the academic year. The departments are always encouraged and supported financially to arrange various activities for the benefit of students and faculty. These activities also include field tours / educational tours, etc. The IQAC is at the centre of all academic, extracurricular activities of the college and acts as a liaising between management, principal and the departments various cells. The CDC functions efficiently because of valuable inputs from IQAC and other stakeholders. On behalf of the principal, even faculty members attend meetings with University offices, NAAC sponsored seminars and conferences.

6.1.2 – Does the institution have a Management Information System (MIS)?

6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in 100 words each							
Strategy Type	Details						
Admission of Students	For the undergraduate admissions the college follows the University schedul and guidelines for the process of admission as per merit. The policy of reservations and merit are strictly followed. Students from economically weaker section are permitted to pay the fees by provision of instalments. The economically weaker students have access to quite a few government schemes of scholarship. Admission committee consists of teaching and non teaching guides the students and parents by counselling. For the PG admissions, a centralized admission committee of RTM Nagpur university, Nagpur finalizes the admissions and allots the college.						
Industry Interaction / Collaboration	To accustom students with current industrial, corporate scenario and to polish their employability skills, departments promote interaction of students with industry personnel through invited talks and industry visits. Specially to mention in this context is that two MoUs were carried out during the academic year 2018-19. Placement cell of the college organize campus interviews with companies to provide job opportunities. The college encourages regular visits to industrie by the staff along with students. The college alumni are regular visitors to the college for interactions with students. The career guidance cell regularly arranges counselling and exposure sessions for the students.						
Human Resource Management	College authorities always maintain healthy environment by providing welfare schemes its employees. Festiva advance is given to desirous support staff members. To upgrade and enhance the standards of academic environment teachers are encouraged to participate in faculty development programs. Teachers are made in-charges of committees to look after aspects of college development for effective use of talent and ability. Various theme based programs like cultural, social, motivational, inspirational, etc. are conducted organized to maintain a balanced environment. Various						

	committees like grievance redressal cell, sexual harassment committee are also constituted to look after the welfare of employees.
Library, ICT and Physical Infrastructure / Instrumentation	The library added 217 books and 150 volumes of journals in 2018-19 to the collection of 30690 text books, eBooks, 7380 journal volumes, open source database, 186 CDs all managed with LIBMAN. Library has a reading hall with capacity of 150. The entire college is Wi-Fi enabled and equipped with computers having updated hardware and software. Teachers communicate with students through social media also. In addition to having required infrastructure for all rooms, the college is having three classrooms with audio-visual systems for special lectures and seminars. Laboratories are also equipped with LCDs for interactive teaching as and when required.
Research and Development	During the academic year 2018-19 three faculties were recognized as a Research Guide in different subjects by RTM Nagpur University, Nagpur. 03 students were awarded with Ph.D. Degree by RTM Nagpur university, Nagpur, research papers were published by the faculty in International / National / journals. Faculty members actively participated in various Conferences/ Workshops/ Seminars at International /National /State repute. During this year one symposium was organized by the Electronics departments. The institution has 2 recognized research centres in Chemistry and Physics affiliated to RTM Nagpur University.
Examination and Evaluation	Each department prepares teaching plan and internal examination calendar. Accordingly, home assignments, seminars and internal examination are taken as a part of continuous assessment. College conducts test examination and prepares results of programs in each of the departments. Teachers participate in various examinations related activities like paper setting, assessment program, internal and external examiner for practical, examination etc. Continuous evaluation process is also adopted topic based assignments, problem solving, quiz, etc. are taken periodically.
Teaching and Learning	The college imparts quality education.

	The teaching and learning is supported by the various ICT tools which includes animations, videos, and power point presentations etc. Additionally students participate in students seminars, they visit different research institutes and industries, field visits, field works, lab visits, excursion tours etc.
Curriculum Development	As the college is affiliated to RTM Nagpur University, the syllabus designed by the university is effectively implemented by the college. The curriculum is supported by organizing workshops, hands on trainings and field/industry visits. The students are also motivated to participate in curricular and co- curricular activities. Some of the faculties represented college in senate, Board of Studies etc. of the university and thus participated in syllabus framing and revision. Value added courses, soft skill programmes were conducted during academic year 2018-19.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details				
Planning and Development	Academic calendar is designed before the beginning of the session and implemented meticulously during the session. It is made available on the website. The website is regularly updated so that the students, teachers are well informed.				
Administration	The faculties, departments have WhatsApp groups. Communication is made also through email and WhatsApp in an attempt to reduce the use of paper. The communication with Joint director of Education, University, UGC is also through emails. The use of LIBMAN software has been useful in the library administration and also to the students.				
Finance and Accounts	The accounts are maintained in the form of soft copy also. Salary of faculty is transferred directly to the bank account of the employees. We have a provision of online deposition of PF and TDS.				
Student Admission and Support	Academic calendar is made available in the online mode through the website. The entire college campus is Wi-Fi enabled which helps the students in				

	many ways. The internet connectivity is also available in the library which helps the students to browse online resources.
Examination	As per the instructions of RTM Nagpur University, Nagpur, the examination question papers are received online method one hour prior to the starting time of the examination which are then printed and distributed to the examinees. The college has the complete facility for the receipt of question papers through the online mode, their photocopying, etc.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. N. D. Meshram	International Conference on " Multifunctional Advanced Materials"	NA	3500
2018	Dr. M. G. Dhonde	International Conference on " Multifunctional Advanced Materials"	NA	3000
2019	Dr. M. G. Dhonde	International Conference on "Energy and Environmental Challenges"	NA	3200
2019	Dr. S. S. Bhonsale	International Conference on "Sports Psychology Yogic Sciences - 2019"	NA	1500
2019	Dr. M. G. Dhonde	NAAC sponsored National Seminar on "New NAAC Parameters for Accreditation Assessment of Colleges: Challenges Stra tegies-2019"	NA	600
		<u>View File</u>		

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Workshop on "Intera ctive Session on NAAC: A concept and related Aspects" by Dr. N. S. Dharmad hikari	Workshop on "Intera ctive Session on NAAC: A concept and related Aspects" by Dr. N. S. Dharmad hikari	20/02/2019	20/02/2019	35	30
2019	Workshops on Madhubani Art Painting	Workshops on Madhubani Art Painting	08/03/2019	08/03/2019	4	3
2019	Chocolate Making Workshop	Chocolate Making Workshop	09/03/2019	09/03/2019	5	3
2019	Training Workshop on `BEEKEE PING'	Training Workshop on `BEEKEE PING'	11/03/2019	15/03/2019	6	4
2019	'Marathi Bhasha Gourav Din' by Dr. A. S. Sahasrabud dhe	'Marathi Bhasha Gourav Din' by Dr. A. S. Sahasrabud dhe	27/02/2019	27/02/2019	35	30
2019	Talk on "I mportance of Organ Donation" by Dr. Ravi Wankhede	Talk on "I mportance of Organ Donation" by Dr. Ravi Wankhede	28/03/2019	28/03/2019	25	15
2019	World Book Day Celebr ation. Addressed by Dr. S. G. Charalwar and Dr.	World Book Day Celebr ation. Addressed by Dr. S. G. Charalwar and Dr.	23/04/2019	23/04/2019	8	4

Sa	aha. S	Saha.							
	ottonding profe			<u>r File</u>		Orientet	ion Drogram	Defrecher	
6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year									
Title of the professional development programme	Number of tea who attend		From	m Date		To date		Duration	
Refresher Course on Life Sciences	1		20/09	/2018	11/	/10/2018	8	22	
Short Term 1 Faculty Development Programme on Innovative Teaching Skills for Mathematics Teacher		12/11/2018		18/11/2018		8	7		
Refresher Course on ICT Application and Soft Skills (Inter Disciplinary Course) Mathematics	1		04/01	/2019	24/01/2019		21/01/2019 21		
Short Term Course on "Nanoscience and Nanotechnology'	1		11/02	/2019	16/02/2019		9	6	
			<u>View</u>	<u>r File</u>					
5.3.4 – Faculty and Sta	ff recruitment (r	no. for perma	anent re	ecruitment):					
	Teaching					Non-tea			
Permanent 0		Full Time		Pei	Permanent 0		Fl	ull Time	
5.3.5 – Welfare scheme	s for	•			Ť			-	
Teaching			Non-te	aching			Studer	nts	
Long and short facility th cooperative soc welfare fund Pl	fac cooperat	ong and short term loan facility through ooperative society Staff elfare Fund Plot Scheme		n Students from financiall weaker sections of the ff society are allowed to		financially ons of the allowed to ees in			
5.4 – Financial Manag	ement and R	esource Mo	obilizat	ion					
6.4.1 – Institution condu	ucts internal and	d external fir	nancial	audits regul	arly (wit	h in 100 v	vords each)		
Financial aud auditor and two									

Office. Account General Maharashtra - II complied their Audit from the year 2008 - 09 to 2018-19 audited report submitted to the college. Also, Internal Audit Report of 2018-19 submitted by K. K. Mankeshwar and Co. (Chartered Accountants) to the college.

6.4.2 – Funds / Grants year(not covered in Cr		nanagement, non-g	overnment bodies,	individuals, philar	nthropies during the					
Name of the non funding agencies	-	Funds/ Grnats	eceived in Rs. Purpo		rpose					
Philanthro	opists	193	68		co meritorious dents					
		<u>Viev</u>	<u>/ File</u>							
6.4.3 – Total corpus fund generated										
		C)							
6.5 – Internal Quality	/ Assurance Sy	vstem								
6.5.1 – Whether Acad	emic and Admini	strative Audit (AAA) has been done?							
Audit Type		External		Interna	al					
	Yes/No	Age	ncy	Yes/No	Authority					
Academic	Yes	Extern Commi		Yes	IQAC					
Administrative	Yes	Extern Commi		Yes	IQAC					
6.5.2 – Activities and	support from the	Parent – Teacher A	ssociation (at leas	t three)						
6.5.3 – Development j	t		many of them st three)							
		NJ								
6.5.4 – Post Accredita	tion initiative(s) (mention at least thr	ee)							
-	xaminations	inkages and co coaching work ons corner is	shops organiz	ed by IQAC 3.						
6.5.5 – Internal Qualit	y Assurance Sys	tem Details								
a) Submissio	on of Data for AIS	SHE portal		Yes						
b)Pa	rticipation in NIR	F		No						
c)	ISO certification			No						
d)NBA or	any other quality	y audit		Yes						
6.5.6 – Number of Qu	ality Initiatives ur	dertaken during the	e year	-						
	lame of quality itiative by IQAC	Date of conducting IQAC	Duration From	Duration From Duration To Number						
2018 R	akshabandha n for Old Age Home	08/08/2018	24/08/2018	24/08/2018	72					

	(Deptt of Life Long Learning Extension)				
2018	2018 Celebration of National Sports day		29/08/2018	29/08/2018	56
2018	Blood Donation Camp	08/08/2018	25/09/2018	25/09/2018	23
2019	Clinical Research awareness seminar	08/08/2018	12/01/2019	12/01/2019	100
2019	Voter Awareness Elocution by NSS volunteers on occasion of Voter's Day	08/08/2018	25/01/2019	25/01/2019	225
2019	Workshop on "Interactive Session on NAAC: A concept and related Aspects" by Dr. N. S. Dh armadhikari	18/02/2019	20/02/2019	20/02/2019	65
2019	Celebration of National Science Day with the theme Science for the people and people for the science	08/08/2018	27/02/2019	28/02/2019	200
2019	'Marathi Bhasha Gourav Din' by Dr. A. S. Sahasrabuddh e	08/08/2018	27/02/2019	27/02/2019	68
2019	Talk on "Importance of Organ Donation" by Dr. Ravi Wankhede	08/08/2018	28/02/2019	28/02/2019	350
2019	Self	08/08/2018	08/03/2019	08/03/2019	30

c	Employment ourses for Girls:) Madhubani Fabric Painting		View	7 File						
CRITERION VII – IN						250				
					ACTIC	20				
	 7.1 – Institutional Values and Social Responsibilities 7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year) 									
Title of the programme										
						Female		Male		
Legal Awareness	25/07/20)18	25/07	/2018		177		123		
7.1.2 – Environmental	Consciousness	and Su	stainability/A	Alternate En	ergy ini	tiatives su	ich as:			
Percentag	ge of power req	uiremer	nt of the Univ	ersity met b	y the re	enewable	energy source	es		
The college car in the coll electricity co to optim	ege and pla	y gro The c	und. The ollege is	college plannin	used g to	18 LED install	bulbs to r . more sola	reduce ar panels		
7.1.3 – Differently able	d (Divyangjan)	riendlin	ess							
Item facili	ties		Yes	/No		Nu	mber of benef	iciaries		
Physical fac	ilities		Ye	s			2			
Provision fo			N	D			0			
Ramp/Ra			Ye	S			3			
Braill Software/fac			N	D			0			
Rest Ro	Rest Rooms			Yes			3			
Scribes for ex	amination	Yes				7				
Special skill d for different studen	ly abled		N	D			0			
7.1.4 – Inclusion and S	Situatedness									
Year Numb initiativ addru locativ advant and dis ntag	ves to initiativ ess taken onal engage tages and sadva contribut	es to with te to	Date	Duration		Name of lss initiative addr		Number of participating students and staff		
2018 1	1	1	0/06/201 8	12	Yog	Yoga Camp Fit		45		
2018 1	1	1	8/07/201 8	1		e Plan ation	Environme nt Conser vation	60		

2018	1	1	24/08/201 8	1	010	it to 1 Age ome	Problems of Old Age and Health	72			
2018	1	1	25/09/201 8	1	Don Cam Med He Che	lood ation p and dical alth eckup amp	Idea of Donation	23			
	<u>View File</u>										
7.1.5 – Human Valu	ies and Pro	ofessiona	al Ethics Code of co	onduct (handbo	ooks)	for variou	us stakeholder	s			
Tit	le		Date of pu	ublication		Follo	ow up(max 100) words)			
Code of co students (P			Date of publication 15/06/2018			Follow up(max 100 words) The institute ensures that the students and staff members maintain a high standard of discipline and uphold the reputation of the institution. Students and non-teaching staff are required to wear uniform compulsorily on college campus. Strict vigilance is maintained so that no student visits college without identity card. The committees ensure cleanliness on campus. Students with license and helmet only are permitted to come to the college by two wheelers. Strict guidelines for discipline are given to students and it is ensured that these are followed with utmost priority. The institute doesn't tolerate ragging. Violators are punished					
7.1.6 – Activities co	nducted fo	r promoti	on of universal Val	ues and Ethics	3						
Activity		Du	ration From	Durati	on To		Number of p	participants			
Foundation	Day	18	/07/2018	18/07	/201	8	8	5			
Independence	e Day	15	/08/2018	15/08	/201	8	4	0			
Teachers'	Day	05	/09/2018	05/09/2018			18	6			
Mahatma Gar Jayanti and Bahadur Sha Jayanti	Lal stri	02	/10/2018	02/10/2018		8	15	5			
Samwidhan 3	Din	26	/11/2018	26/11/2018			7	7			

Marathi Bhasha Gaurav Din	27/02/2019	27/02/2019	68
International Women's Day	08/03/2019	08/03/2019	30

<u>View File</u>

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Tree plantation drive 2. Regular cleaning in the college 3. Ground water recharge pits 4. Composting and Vermi-composting unit 5. Minimum use of plastic The college has an Environmental Cell. It promotes the use of cycles among the students and use the sharing vehicles for transportation. Even some faculties share the vehicles on some working days and occasions. Plastic free campus drive is organized on regular basis to keep campus plastic free. The college undertakes plantation drives regularly on various occasions. The landscaping carried out in the college entrance and in-front of the college has developed the aesthetic look of the campus. In response to the waste management module -Green and blue color dustbins are installed in the college for separate collection of dry and wet solid waste. In the college, biodegradable solid waste from garden and some labs are put into a pit and converted into organic manure in the form of vermi-compost. College has a well maintained botanical garden where some medicinal plants and plants required for B.Sc., M.Sc. practical purpose are grown. The college has a provision of rain water harvesting system where the rain water on the terrace is diverted into the well located in the college campus.

7.2 – Best Practices

7.2.1 - Describe at least two institutional best practices

FIRST: Title of the practice: BRIDGE COURSE (Criterion I) Objectives of the Practice: To make the students well aware of the education system in a college. The context: The students who take up admissions in B. Sc. I are from diverse social, cultural and socio-economic background and come from different pre university colleges or schools. They are totally new to the degree level college. As they start coming to the college they are completely unaware of the system in which they have to take up education for at-least next three years. Therefore the bridge course is meant to give them a detailed account on basically two aspects - academic and administrative. First - with reference to their XII standard subject(s) knowledge they are given an insight as to how to go ahead with the academics at the degree level. How they are expected to refer various reference books, text books and try to be independent. They are given an exposure of the laboratory discipline and the importance of laboratory work in academics. They are made aware of the various careers available in pure sciences so they are motivated. Revision of previous knowledge and its requirement for higher academics is also taught to them. Second aspect is to make them aware of facilities including various scholarships available provided by the government and various facilities provided by the college. They are also explained with reason the DOs and DONTs when they are in the classrooms, laboratories, canteen, playground and also in the college campus. They are made aware of the semester pattern to which they are exposed for the first time in life and also of the ATKT rules and regulations. The Practice: • At the beginning of every academic session, newly admitted students are oriented through this bridge course organized by the college. It includes an interaction session with the Principal followed by presentation about the college campus and its facilities. The interaction with the faculties for academic part is conducted. Evidence of Success • Students become aware of the facilities provided by the college. • They feel comfortable to use the facilities. Problems Encountered and Resources Required: • Admissions of new students

continue for about two months. • No specific resources are required. SECOND: Title of the practice: `Multi Skill Development Programme' (Criterion I) Title of the Practice: Conducting Multi Skill Development Programme' The context: It is a week long course conducted by the college. The college offers various value added courses as part of the `Multi Skill Development Programme' to all the students admitted to B.Sc. semester I. These courses are divided in two groups, namely, personality development and subject specific for vocational and entrepreneurial development. The first part of this course is a is compulsory for all the students which includes topics of general importance like public speaking technique, importance of reading habits, legal awareness, health and hygiene (only for boys), woman's reproductive system and its hygiene (only for girls), social ethics, etc. The subject specific courses are offered to

students according to the subject groups they choose for the degree course. Mushroom cultivation, Sericulture, Ground water prospecting, Noise pollution and its control, Water and Soil Analysis, Printed Circuit Board design Computer Fundamentals. The ccurriculum or syllabi of all these courses are designed by the respective subject coordinators who are the faculty members of the college

in consultation with the experts from the subject. Theory as well as experimental or practical exposure is given to the students. The students have been enjoying the experimental sessions a lot and find them to be quite useful. The Practice: • At the beginning of every academic session this week long Multi Skill Development Programme is conducted. Problems Encountered and Resources Required: No problems were encountered, as the resources are the experts from their respective fields and the college faculty is contributing voluntarily towards the cause.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://mohotasci.edu.in/wp-content/uploads/2020/10/7.2.1.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The vision of our institute and parent society, Nagpur Shikshan Mandal, is to generate and disseminate knowledge in basic sciences to further enhance the physical, economical and intellectual well being of students and to motivate and guide students to achieve the highest levels in their personal and professional life. The college focuses on development of mutual respect among teaching, non-teaching, administrative staff, students and various stakeholders. The college supports and encourages the professional training and development of teaching, non-teaching and administrative staff. The college has set and will continue to set the high standard for all activities like debate, sports, educational visits to the fulfillment of our vision and mission. The short term certificate courses like Mushroom cultivation, Noise pollution, water and soil analysis, ground water prospecting, printed circuit board design and computer fundamentals, functional English, introduction to women's reproductive health and hygiene etc. are organized in the college for newly admitted students by the skill development cell of the college. The policies and programmes set by college and management are as per the requirements of the social needs and which are essential for personal development of each member of the college. The college is working hard to provide various scholarship schemes provided by central and state government for the improvement of the students belonging to backward categories. This is assured by the personal involvement of concerned administrative staff.

Provide the weblink of the institution

http://mohotasci.edu.in/wp-content/uploads/2020/10/PERFORMANCE-OF-THE-

8. Future Plans of Actions for Next Academic Year

• The college plans to start new courses in the field of Bio-technology, microbiology and bio-chemistry at UG and PG level. • The college proposes to organize a programme exclusively for the girls on the self-defense theme. • The college is also planning to organize National level workshop by IQAC and the preparation of proposal is in process and will be submitted to NAAC with due course of time. • It is also planned to introduce job oriented certificate courses. These courses are prepared in such a way that the students gain the update knowledge and also help them to face challenging world. • The college also promotes the online courses related to scheme of SWAYAM and MOOCs. • The college has initiated a process to start consultancy services by the department of Chemistry, Botany and Geology. • The college has decided to renew the website with a latest dynamic interface, rich contents, user friendly and detailed information about each department and all the activities planned and conducted by the college. • We are planning to establish central research laboratory for the benefit of faculties as well as PG and research students. • We are planning to conduct academic audit. This will help us to evaluate the faculties as well as the students. This will be performed and implemented by the IQAC of the college. The outcome of this audit will be analyzed in department wise and used to enhance the overall quality of each department. . The faculties and research scholars will be encouraged to publish their research work in the Scopus journals or those journals included in UGC care list. The faculties are motivated to submit their proposals of minor and major research project to various funding agencies like UGC, DST, and CSIR. • The college proposes to organize multi-disciplinary international conference in the academic year by the department of Physics, Chemistry and Mathematics.