

The Annual Quality Assurance Report (AOAR) of the IOAC
(For Autonomous Colleges)

Part – A

1. Name of the Institution LACHOO MEMORIAL COLLEGE OF SCIENCE & TECHNOLOGY

- Name of the Head of the institution : PROF. ROHIT KUMAR JAIN
- Designation: PRINCIPAL

- Does the institution function from own campus: YES
- Phone no./Alternate phone no. 0291-2431238
- Mobile no. 9460071313
- Registered Email office@lchoomemorial.org
- Alternate Email lchooprincipal@gmail.com

- Address : Sector-A, Shastri Nagar

- City/Town : Jodhpur
- State/UT : Rajasthan

- Pin Code : 342001

2. Institutional status:

- Autonomous Status (*provide the date of Conformant of Autonomous Status*): 03/01/2012

- Type of Institution: Co-education
- Location : Urban

- Financial Status: Self financing

- Name of the IQAC Co-ordinator/Director: PROF. PRIYADARSHI PATNI
- Phone no. /Alternate phone no. : 0291-2431238
- Mobile: 09414129504
- IQAC e-mail address: iqaclmst@gmail.com
- Alternate Email address: pdarshi@gmail.com

3. Website address: lachoomemorial.org

Web-link of the AQAR: (Previous Academic Year): www.lachoomemorial.org/aqar2017-18.pdf

4. Whether Academic Calendar prepared during the year? YES

if yes, whether it is uploaded in the Institutional website: YES

Weblink: <https://www.lachoomemorial.org/lachoo-calendar.php>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	86.20	2004	May 2004 to May 2011
2 nd	A	3.46	2011	March 2011 to March 2016
3 rd	A	3.19	2017	September 2017 to September 2022

6. Date of Establishment of IQAC: DD/MM/YYYY: 01.07.2004

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Commencement of PG programme in Mathematics	01 July 2018	20
Compilation of Feedback	17.11.2018 10 days	300
Scrutinizing the safety parameters in college campus	10.08.2018	04

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements*
- *Academic Administrative Audit (AAA) conducted and its follow up action*
- *Participation in NIRF*
- *ISO Certification*
- *NBA etc.*
- *Any other Quality Audit*

8. Provide the list of Special Status conferred by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institution	CPE	UGC	2010-2011	100 Lakhs
Institution	Autonomous	UGC	2012	NIL
Departments Botany Biotechnology Chemistry Physics Zoology	Star College Scheme	DBT	2011-2012	55 Lakhs
Institution	BIF Centre	DBT	2011-2012	18 Lakhs

9. Whether composition of IQAC as per latest NAAC guidelines: YES

*upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year: 03

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No

(Please upload, minutes of meetings and action taken report)

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)

- * Introduction of new programme at PG level.
- * Encourage faculty to attend workshop/ seminar/ refresher course.
- * Examination and admission reforms under autonomy.
- * Efforts towards the quality enhancement in the training/internship/dissertation at PG level.
- * Curriculum enrichment towards the employability and skill development.

13. 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

<p>1. Provision of honorarium to the faculty members attending the National/International Conferences.</p>	<p>Faculties were suitably provided the requisite financial support to attend the programme.</p>
<p>2. Class rooms upgradation with Audio-Visual systems.</p>	<p>The number of LCD enabled class rooms were duly increased to provide audio-visuals aid.</p>
<p>3. Faculty enrichment via orientation and refresher courses.</p>	<p>Faculty actively participated in refresher courses.</p>
<p>4. Strengthening the Academia-industrial relationships</p>	<p>MOUs were signed with industries to lift the industrial support for academics.</p>

14. Whether the AQAR was placed before statutory body? **YES**

Name of the Statutory body:

Date of meeting(s):

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:

Date of Submission: 27/02/2019

17. Does the Institution have Management Information System?

YES

If yes, give a brief description and a list of modules currently operational.

Annexure-A

Part-B

CRITERION I – CURRICULAR ASPECTS			
1.1 Curriculum Design and Development			
1.1.1 Programmes for which syllabus revision was carried out during the Academic year			
Name of programme	Programme Code	Programme Specialization	Dates of revision
Bachelor of Science	BSc	BSCH321	08.05.2018
		BSCH621	
		BSCH512	
		BSCH612	
		BSCH321	
		BSCH512	
		BSCH612	
		BSPH121	
		BSPH221	
		BSPH412	
		BSMT113	
		BSMT611	
		BSBT211	
		BSBT311	
		BSZO311	
BSZO312			
BSZO411			
BSZO412			
Bachelor of Business Administration	BBA	BBA611,622	08.05.2018
Bachelor Of Commerce	B.Com	BCOM414	08.05.2018
Master of Science Chemistry	MSc (Chemistry)	MSCH212,222,421,321	08.05.2018
Master of Science Physics	MSc (Physics)	MSPH341B, 412,413	08.05.2018
Master of Science Botany	MSc (Botany)	MSBO112,211,122,221,213,323,412,423,414	08.05.2018
Master of Science Biotechnology	MSc (Biotechnology)	MSBT111,214,411	08.05.2018
Master of Science Zoology	MSc (Zoology)	MSZO221,321,322,421,422	08.05.2018
Master of Business Administration	MBA	MBA111,112	08.05.2018
Master of Computer Application	MCA	MCA511	08.05.2018
1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the			

Academic year			
Programme with Code	Programme Specialization	Course with Code	Date of Introduction
MSc (Chemistry) SKILL COURSE	Cosmeticology and cosmetic preparation i	MSCH131(A)	08.05.2018
MSc (Chemistry) SKILL COURSE	Cosmeticology and cosmetic preparation ii	MSCH331(A)	08.05.2018
MSc (Chemistry) SKILL COURSE	Introduction to polymer technology	MSCH331(A)	08.05.2018
MSc (Chemistry) SKILL COURSE	Testing of adulteration in milk and milk products	MSCH331(B)	08.05.2018
MSc (Physics) SKILL COURSE	Introduction to astrophysics	MSPHSC131	08.05.2018
MSc (Physics) SKILL COURSE	Electronics instrumentation	MSPHSC232	08.05.2018
MSc (Physics) SKILL COURSE	Renewable energy recourses	MSPHSC333	08.05.2018
MSc (Physics) SKILL COURSE	Basics of nano science	MSPHSC434	08.05.2018
MSc (Botany) SKILL COURSE	Data Analysis	MSBOSC131	08.05.2018
MSc (Biotechnology) SKILL COURSE	IPR	MSBOSC331	08.05.2018
MSc (Mathematics) SKILL COURSE	Software Skills	MSMSC231	08.05.2018
MSc (Zoology) SKILL COURSE	Wild life studies	MSZO131	08.05.2018
MSc (Zoology) SKILL COURSE	Environmental pollution and management	MSZO231	08.05.2018
MSc (Zoology) SKILL COURSE	Fisheries and hatching management	MSZO331	08.05.2018
MSc (Zoology) SKILL COURSE	Food nutrition and management	MSZO431	08.05.2018
1.2 Academic Flexibility			
1.2.1 New programmes/courses introduced during the Academic year			
Programme/Course		Date of introduction	
Master of Science /Mathematics		04.05.2018	
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.			
Name of Programmes adopting CBCS	Master of Science	Date of implementation of CBCS / Elective Course System	
Master of Science Chemistry	YES	JULY,2018	
Master of Science Physics	YES	JULY,2018	

Master of Science Botany	YES	JULY,2018
Master of Science Biotechnology	YES	JULY,2018
Master of Science Mathematics	YES	JULY,2018
Master of Science Zoology	YES	JULY,2018
Master of Computer Application	YES	JULY,2018

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled
1. Public Health	01.07.2018	30
2. Environmental Science	01.07.2018	456
3. IT for manager	01.07.2018	136
4. Organizational Behaviour	01.07.2018	179

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
MSc (Zoology) Entomology	13
MSc (Zoology) Environmental-Sc.	09
MSc (Botany) Plant Tissue Culture	08
MSc (Biotechnology)	09
MSc (Physics)	29
MSc (Chemistry)	18
MCA	49
MBA	80
B Pharma (Industrial Training)	48
D Pharma (Practical Training)	59

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5)Parents
Yes	Yes	Yes	Yes	No

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

ANNEXURE 1

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Bachelor of Science	528	1250	544
Bachelor of	264	298	204

Computer Application			
Bachelor of Business Administration	88	177	102
Bachelor of Commerce	88	187	95
Master of Science Chemistry	22	37	25
Master of Science Physics	22	44	24
Master of Science Botany	22	15	07
Master of Science Biotechnology	22	21	12
Master of Science Mathematics	22	25	20
Master of Science Zoology	22	35	23
B.Pharma	60	114	60
D Pharma	60	92	60
M Pharma		9	09
Master of Computer Applications	60	66	50
Master of Business Administration	120	105	87

2.2 Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
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2018-19	1065	257	-	-	72
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2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning 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	Number of smart classrooms	E-resources and techniques used
126	126	E Books E-Journals NPTEL DELNET CSL N-List LCD Projector Laptops Desktops Data Storage Devices OHP Softwares	6	-	E Books E-Journals NPTEL DELNET CSL N-List

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

ANNEXURE-2

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1322	126	1:25

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
NIL				

2.4.2 Honours and recognitions 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 teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized

				bodies
NIL				
2.5 Evaluation Process and Reforms				
2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year				
Programme Name	Program me Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
Bachelor of Science	CBBT	I SEMESTER	15.11.2018	18.03.2019
	CZBT	III SEMESTER	22.11.2018	09.03.2019
	CBZ	V SEMESTER	18.11.2018	23.02.2019
	PCM	II SEMESTER	18.04.2019	24.07.2019
	PME	IV SEMESTER	26.04.2019	16.07.2019
	PMCS	VI SEMESTER	24.04.2019	24.06.2019
	CZPH			
Bachelor of Computer Application	BCA	I SEMESTER	21.11.2018	28.01.2019
		III SEMESTER	03.12.2018	02.03.2019
		V SEMESTER	26.11.2018	13.02.2019
		II SEMESTER	31.03.2019	14.07.2019
		IV SEMESTER	06.05.2019	15.07.2019
		VI SEMESTER	24.04.2019	07.06.2019
Bachelor of Business Administration	BBA	I SEMESTER	27.11.2018	13.03.2019
		III SEMESTER	24.11.2018	07.03.2019
		V SEMESTER	20.11.2018	06.02.2019
		II SEMESTER	24.04.2019	17.07.2019
		IV SEMESTER	25.04.2019	14.07.2019
		VI SEMESTER	26.04.2019	08.06.2019
Bachelor of Commerce	BCOM	I SEMESTER	15.11.2018	07.03.2019
		III SEMESTER	21.11.2018	11.03.2019
		V SEMESTER	02.12.2018	22.01.2019
		II SEMESTER	18.04.2019	11.07.2019
		IV SEMESTER	19.04.2019	02.07.2019
		VI SEMESTER	24.04.2019	04.06.2019
Master of Science	Chemistry	I SEMESTER	05.12.2018	05.03.2019
		II SEMESTER	07.05.2019	31.07.2019
		III SEMESTER	22.11.2018	25.04.2019
		IV SEMESTER	03.05.2019	17.07.2019
Master of Science	Physics	I SEMESTER	05.12.2018	19.03.2019
		II SEMESTER	07.05.2019	30.07.2019
		III SEMESTER	25.11.2018	16.03.2019
		IV SEMESTER	03.05.2019	25.07.2019
Master of Science	Botany	I SEMESTER	08.12.2018	01.04.2019
		II SEMESTER	07.05.2019	03.08.2019

		III SEMESTER IV SEMESTER	27.11.2018 03.05.2019	30.03.2019 05.08.2019
Master of Science	Biotechnology	I SEMESTER II SEMESTER III SEMESTER IV SEMESTER	02.12.2018 07.05.2019 17.11.2018 22.05.2019	01.04.2019 06.08.2019 11.03.2019 28.05.2019
Master of Science	Mathematics	I SEMESTER II SEMESTER	27.11.2018 03.05.2019	25.04.2019 07.08.2019
Master of Science	Zoology	I SEMESTER II SEMESTER III SEMESTER IV SEMESTER	02.12.2018 07.05.2019 17.11.2018 03.05.2019	02.04.2019 07.08.2019 27.08.2019 18.06.2019
Master of Business Administration	MBA	I SEMESTER II SEMESTER III SEMESTER IV SEMESTER	18.11.2018 26.04.2019 15.11.2018 18.04.2019	07.02.2019 25.07.2019 04.02.2019 29.07.2019
Master of Computer Application	MCA	I SEMESTER II SEMESTER III SEMESTER IV SEMESTER V SEMESTER VI SEMESTER	25.11.2018 30.04.2019 23.10.2018 30.04.2019 24.11.2018	11.02.2019 27.07.2019 18.02.2019 08.08.2019 20.00.2019 02.07.2019
Diploma in Pharmacy	DPH	I year II year	29.06.2019 27.07.2019	18.09.2019 04.11.2019
Bachelor of Pharmacy	BPH	I SEMESTER II SEMESTER III SEMESTER IV SEMESTER V SEMESTER VI SEMESTER VII SEMESTER VIII SEMESTER	15.11.2018 30.04.2019 27.11.2018 30.04.2019 18.11.2018 01.05.2019 25.11.2018 02.05.2019	14.03.2019 01.08.2019 25.02.2019 01.08.2019 07.02.2019 26.07.2019 16.02.2019 08.07.2019
Master of Pharmacy	MPH	I SEMESTER II SEMESTER III SEMESTER IV SEMESTER	07.12.2018 07.05.2019 07.12.2018 01.07.2019	15.03.2019 03.08.2019 15.07.2019 15.07.2019

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
12	3000(including 2 nd and	0.004

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)

<https://www.lachoomemorial.org/lachoo-courses.php>

ANNEXURE 3

2.6.2 – Pass percentage 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
CBBT	Bachelor of Science		13	13	100%
CZBT			45	42	93.33%
CBZ			62	61	98.39%
PCM			64	59	92.19%
PME			45	36	80.00%
PMCS			26	23	88.46%
CZPH			40	38	95.00%
BCA	Bachelor of Computer Application		167	151	90.42%
BBA	Bachelor of Business Administration		75	69	92.00%
BCOM	Bachelor of Commerce		62	59	95.16%
MSc (Chemistry)	Master of Science		18	18	100%
MSc (Physics)	Master of Science		30	29	96.67%
MSc (Botany)	Master of Science Botany		4	3	75%
MSc (Biotechnology)	Master of Science		14	14	100%
MSc (Mathematics)	Master of Science		-	-	-
MSc (Zoology)	Master of Science		13	12	92.31%
MBA	Master of Business Administration	HR IB FM MM	82	69	84.15%
MCA	Master of Computer		104	96	92.31%

	Application				
DPH	D Pharma		61	53	86.89%
BPH	B Pharma		51	37	72.55%
MPH	M Pharma		5+4	3+3	80%+100%
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) ANNEXURE 4					
CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION					
3.1 Promotion of Research and Facilities					
3.1.1 The institution provides seed money to its teachers for research,					
Yes*					
Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant		
* Respective Departments which are undertaking the in house student projects are facilitated to avail the consumables included in the financial budget of departments.					
3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year					
	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency	
National	NIL				
International	NIL				

3.2 Resource Mobilization for Research				
3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations				
Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major projects			NIL	
Minor Projects			NIL	
Interdisciplinary Projects			NIL	
Industry sponsored Projects			NIL	
Projects sponsored by the University/ College			NIL	
Students Research Projects (other than compulsory by the College)			NIL	
International Projects			NIL	
Any other(Specify)			NIL	
Total			NIL	
3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies				

during the years				
NIL				
3.3 Innovation Ecosystem				
3.3.1 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(s)
NIL		NIL		NIL
3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
NIL				
3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre		Name		Sponsored by
NIL				
Name of the Start-up		Nature of Start-up		Date of commencement
NIL				
3.4 Research Publications and Awards				
3.4.1 Ph. Ds awarded during the year				
Name of the Department			No. of Ph. Ds Awarded	
Chemistry			NIL	
Physics & Electronics			01	
Botany			NIL	
Biotechnology			NIL	
Mathematics			NIL	
Zoology			NIL	
Pharmacy			01	
3.4.2 Research Publications in the Journals notified on UGC website during the year				
	Department	No. of Publication	Average Impact Factor, if any	
National	Chemistry	03		
	Physics & Electronics	05		
	Botany	01		
	Biotechnology	00		
	Mathematics	NIL		
	Zoology	05		
	Pharmacy	05		
International	Biotechnology	01	2.016	

3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
Department			No. of publication			
Chemistry			NIL			
Physics & Electronics			NIL			
Botany			NIL			
Biotechnology			NIL			
Mathematics			01			
Zoology			04			
Pharmacy			NIL			
3.4.4 Patents published/awarded during the year						
Patent Details		Patent status Published/ Filed	Patent Number		Date of Award	
NIL						
3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
IN VITRO MULTIPLICATION OF <i>H. SALICORNICUM</i>	DEEPAK KRISHNA VYAS	MOL PHYSIOLOGY	2018	Scopus	JNVU	1
3.4.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
IN VITRO MULTIPLICATION OF <i>H. SALICORNICUM</i>	DEEPAK KRISHNA VYAS	MOL PHYSIOLOGY	2018	1	1	JNVU
3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :						

No. of Faculty	International level	National level	State level	Local level
30	03	27	-	-
3.5 Consultancy				
3.5.1 Revenue generated from Consultancy during the year				
Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)	
NIL				
3.5.2 Revenue generated from Corporate Training by the institution during the year				
Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
NIL				
3.6 Extension Activities				
3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year				
Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities	
National Seminar on Environment and Health-Challenges ahead	LMCST	8	50	
Educational Tour	LMCST	3	20	
STEP AHEAD(Management Feast)	LMCST	5	40	
Extension Lecture	LMCST	5	45	
Skit on Financial Instruments	LMCST	2	18	
Quiz on Marketing	LMCST	1	28	
3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year				

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
RD Camp	Best Cadet	NSS	01
Youth Exchange Program	Recognition	NSS	01
IVS camp	Recognition	State Government	02
AIUSC	Recognition	JNVU	01
Inter College Tournament	Bronze Medal	JNVU	01
Inter College Tournament	Gold Medal	JNVU	03
Inter College Tournament	Silver Medal	JNVU	03
Inter College Tournament	Recognition	JNVU	02

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers co-ordinated such activities	Number of students participated in such activities
NIL				

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Effect of novel dyes on photoconversion efficiency of solar energy by photogalvanic solar cell	Manisha Sharma Mrinal Ranawat (BSc) Guide – Prof (Dr) R.C. Meena, J.N.V.U., Jodhpur	Training program under UGC-DRS-II (SAP-I)	6 month
Separation of binary mixture by cellulose hydroxy propane sulphonic acid resin	Jheel Mehta (MSc (Chemistry)) Guide – Prof (Dr) A. V. Singh, J.N.V.U., Jodhpur	Training program under UGC-DRS-II (SAP-I)	6 month
Energy: Trends and Future Challenges	Rajendra(MSc (Chemistry)) Guide – Dr.PooranKoli	Training program under UGC-DRS-II (SAP-I)	6 month

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
NIL				

3.7.3 MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
M/s Ayush Raj Enterprises Pvt. Ltd., Jaipur	21/04/2018	Facilitating collaborative research in Healthcare and pharmaceutical sciences.	02
Sumandeep Vidyapeeth, Vadodara, Gujarat	26/05/2018	Facilitating collaborative research in Healthcare and pharmaceutical sciences.	-
Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur	25/09/2018	Animal House to carry out collaborative research in Healthcare	02
M/s Ayush Raj Enterprises Pvt. Ltd., Jaipur	21/04/2018	Facilitating collaborative research in Healthcare and pharmaceutical sciences.	02
CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES			
4.1 Physical Facilities			
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year			
Budget allocated for infrastructure augmentation		Budget utilized for infrastructure development	
BUILDING	20,00,000/-		21,84,765/-
COMPUTER	2,00,000/-		1,74,793/-
FURNITURE	15,00,000/-		13,62,300/-
AIR CONDITIONER	3,00,000/-		2,25,900/-
PHARM EQUIP.	1,00,000/-		94745/-
SCIENCE EQUIP.	12,00,000/-		10,28,126/-
WATER COOLER	3,00,000/-		2,73,000/-
	56,00,000/-		53,43,629/-

4.1.2 Details of augmentation in infrastructure facilities during the year		
Facilities	Existing	Newly added
Campus area	7 Acre	NIL
Class rooms	29	NIL
Laboratories	42	NIL
Seminar Halls	1	NIL
Classrooms with LCD facilities	6	NIL
Classrooms with Wi-Fi/ LAN	29	NIL
Seminar halls with ICT facilities	01	NIL
Video Centre	NIL	NIL
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	NIL	NIL
Value of the equipment purchased during the year (Rs. in Lakhs)	NIL	NIL
Others	NIL	NIL

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	FULLY	2.0	2004

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40765	6114413/-	1358	339801	42032	6454214/-
Reference Books	1520	1030119/-	13	15600	1533	1045214/-
e-Books	313500 0+	22250	313500 0+	22250	3135000 +	22250
Journals	38	94180/-	38	94180	38	94180/-
e-Journals	6500+N -LIST DELNE T	22250/-	6500+ N- LIST DELN ET	22250/-	6500+N -LIST DELNE T	22250/-
Digital Database	NPTEL CSLN- LIST, DELNE T	77000/-	NPTEL L CSLN- LIST, DELN ET	77000/-	NPTEL CSLN- LIST, DELNE T	77000/-
CD & Video	1020	-	1045	-		
Library automation	YES FULLY AUTOMATED					
Weeding (Hard & Soft)			56 Books			

				(Hard Copy)						
Others (specify)										
4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc										
Name of the teacher		Name of the module			Platform on which module is developed			Date of launching e - content		
NIL										
4.3 IT Infrastructure										
4.3.1 Technology Upgradation (overall)										
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others	
Existing	315	10	WIFI	NIL	01	05	289	30	21	
Added	22	NIL	WIFI	NIL	NIL	NIL	22	-	NIL	
Total	337	10	WIFI	NIL	01	05	311	30	21	
4.3.2 Bandwidth available of internet connection in the Institution (Leased line)										
30 MBPS										
4.3.3 Facility for e-content										
Name of the e-content development facility					Provide the link of the videos and media centre and recording facility					
NIL					NIL					
4.4 Maintenance of Campus Infrastructure										
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 incurred on maintenance of physical facilities			
2,50,000,		2,04,685			20,00,000		22,97,128			
95,00,0000		91,15,867*			-		-			
* Expenditure incurred to maintain the Examination modules for maintaining the Autonomous Guidelines is also included in academic facilities.										
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)										
ANNEXURE-5										

CRITERION V - STUDENT SUPPORT AND PROGRESSION					
5.1 Student Support					
5.1.1 Scholarships and Financial Support					
	Name /Title of the scheme	Number of students	Amount in Rupees		
Financial support from institution					
Financial support from other sources					
a) National	NIL				
b) International	NIL				
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 implementation	Number of students enrolled	Agencies involved		
Personal Counselling	10 August	135	LMCST		
Mentoring	31 July	1322	LMCST		
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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2018	Classes for NET/GATE /SET	25	149	1	43
5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year					
Total grievances received	No. of grievances redressed	Average number of days for grievance redressal			
NIL	NIL	NIL			
5.2 Student Progression					
5.2.1 Details of campus placement during the year					
On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed		
Reliance Retail Johari Digital Uma Polymers Concentrix	78	33	10		

Genpact			
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5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018	105	BSc, BBA, BCA, MSc, DPharm, BPharm,	Science, Computer, Management, Pharmacy	LMCST	MSc, MCA, MBA, MPharm, BPharm

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	01	RJ07600403

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Badminton	College	30
Volley Ball	College	40
Basket Ball	College	35
Cricket	College	70
Kabaddi	College	32
Kho-Kho	College	42
Pharma rally	College	200
Sharmdan (Swachh Bharat)	College	200
Health check and Blood donation	College	240
Poetry	College	12
Instrumental Recitation & Pharma Skit (Social Message)	College	24
Singing	College	11
Dancing	College	15
Rangoli	College	35
Pharma Essay	College	78
Pharma Quiz	College	92

(Written)		
Extempore	College	12
Group Discussion	College	36
Pharma Quiz (Oral)	College	42
Paper presentation (PPT)	College	12
Poster presentation	College	8
Pharma Eassy	College	18

5.3 Student Participation and Activities

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

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
NIL						

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

NIL

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

YES

5.3.2 No. of registered Alumni:

376

5.3.3 Alumni contribution during the year (in Rupees) : **0.00**

5.3.4 Meetings/activities organized by Alumni Association : **NIL**

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)

- 1.As a part of student facility college adopted the filing the grievances/ suggestions through online mode.
2. Various committees are constituted to promote participatory contribution for quality and excellence in education.

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

Yes/No/Partial:

YES

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

- ❖ Curriculum Development
- ❖ Teaching and Learning
- ❖ Examination and Evaluation
- ❖ Research and Development
- ❖ Library, ICT and Physical Infrastructure / Instrumentation
- ❖ Human Resource Management
- ❖ Industry Interaction / Collaboration
- ❖ Admission of Students

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

- ❖ Planning and Development
- ❖ Administration
- ❖ Finance and Accounts
- ❖ Student Admission and Support
- ❖ Examination

ANNEXURE 6

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 Kapil Gehlot Dr Pratibha Bidwat Dr Sangeeta Rajpurohit Dr Monalisa Bhati Dr Lokesh Mathur Dr Manjulata Parihar	National Conference on Current Trends and Advancement in Chemical, Physical and Life Sciences(CTACPLS-2019)		10800

6.3.2 Number of professional development / administrative training programmes organized by the Colleges 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	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
NIL					

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	Number of teachers who attended	Date and Duration
---------------------------------------	---------------------------------	-------------------

programme		(from – to)
UGC Sponsored Orientation Programme	Dr Mahipal Singh Deora	28.05.2018 to 23.06.2018

6.3.4 Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Adhoc	Permanent	Adhoc
NIL	54	10	36

6.3.5 Welfare schemes for

Teaching	<ol style="list-style-type: none"> 1. CPF 2. Retirement Fund 3. Staff Welfare Scheme 4. Gratuity
Non teaching	<ol style="list-style-type: none"> 1. CPF 2. Retirement Fund 3. Staff Welfare Scheme 4. Gratuity 5. ESI 6. Bonus 7. Uniform 8. Ward Fee Waiver
Students	<ol style="list-style-type: none"> 1. Fee in instalment (if applied) 2. Fee Relaxation (Conditional)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

The College management committee is maintaining two types of accounts namely College account and Society account which are current and saving in nature respectively. As a part of financial audit the accounts are scrutinized via audit mechanism by internal as well as external audit authority (C.A.). The audit procedure encompasses the various modules of vouchers, bank account statement, Bank Book, Journal Book along with the checking of ledger entries.

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

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
	NIL	
6.4.2 Total corpus fund generated	28,93,450/-	

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

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Audit Type	External	Internal
Academic	NO	YES
Administrative		
6.5.2 Activities and support from the Parent – Teacher Association (at least three)		
		NIL
6.5.3 Development programmes for support staff (at least three)		
		NIL
6.5.4 Post Accreditation initiative(s) (mention at least three)		
6.5.5		
a. Submission of Data for AISHE portal : YES		
b. Participation in NIRF : NO		
c. ISO Certification : NO		
d. NBA or any other quality audit : NO		
6.5.6 Number of Quality Initiatives undertaken during the year		
Year		
Name of quality initiative by IQAC		
Date of conducting activity		
Duration (from-----to-----)		

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES						
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		Period (from-to)		Participants		
				Female	Male	
NIL						
7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources						
NIL						
7.1.3 Differently abled (Divyangjan) friendliness						
Items Facilities			Yes/No		No. of Beneficiaries	
Physical facilities			Yes		01	
Provision for lift			No			
Ramp/ Rails			Yes		01	
Braille Software/facilities			No			
Rest Rooms			Yes		01	
Scribes for examination			Yes		01	
Special skill development for differently abled students			No			
Any other similar facility			No			
7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
NIL						
7.1.5 Human Values and Professional Ethics						
Code of conduct (handbooks) for various stakeholders						
Title		Date of Publication		Follow up (maximum 100 words each)		
NIL						
7.1.6 Activities conducted for promotion of universal Values and Ethics						
Activity		Duration (from-----to-----)			Number of participants	
NIL						
7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)						
<ol style="list-style-type: none"> 1. Zero plastic use in academics and administrative activities. 2. Promotion of the paper less activities among students and staff. 3. Repetitive planting the plants to maintain green campus. 						

4. Safe disposable of waste within and outside the campus.
7.2 Best Practices
Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
ANNEXURE 7
7.3 Institutional Distinctiveness
Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust https://www.lachoomemorial.org/mission-and-vision.php

8. Future Plans of action for next academic year (500 words)

- To upgrade the classrooms with more ICT facilities.
- Enrichment of labs with more number of working instruments.
- To augment the number of computers for student support.
- Up gradation of curriculum towards the industrial exposure and employability.
- To involve the paperless support system for students related to examination.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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