



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		KIRORI MAL COLLEGE
Name of the head of the Institution		DR VIBHA SINGH CHAUHAN
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01127667861
Mobile no.		9810638582
Registered Email		principal@kmc.du.ac.in
Alternate Email		anshu@kmcollege.ac.in
Address		NORTH CAMPUS, UNIVERSITY OF DELHI
City/Town		Delhi
State/UT		Delhi
Pincode		110007
<b>2. Institutional Status</b>		

Affiliated / Constituent	Constituent
Type of Institution	Co-education
Location	Urban
Financial Status	central
Name of the IQAC co-ordinator/Director	Dr. Anshu
Phone no/Alternate Phone no.	01127667787
Mobile no.	9811207760
Registered Email	naackmccordinator@gmail.com
Alternate Email	anshu@kmcollege.ac.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.kmcollege.com">http://www.kmcollege.com</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.kmcollege.com">http://www.kmcollege.com</a>

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A+	3.54	2016	05-Nov-2016	04-Nov-2021

<b>6. Date of Establishment of IQAC</b>	21-Jul-2015
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### 7. Internal Quality Assurance System

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
Regular meeting of Internal Quality Assurance Cell (IQAC)	31-Jul-2018 1	11
Regular meeting of Internal Quality	04-Oct-2018 1	11

Assurance Cell (IQAC)		
Regular meeting of Internal Quality Assurance Cell (IQAC)	04-Dec-2018 1	18
Timely submission of Annual Quality Assurance Report (AQAR) to NAAC	29-Jan-2019 1	11
Digitization of Data related to College	21-Jul-2018 180	50
Participation in NIRF	30-Nov-2018 60	11
Participation in AISHE	10-Jan-2019 30	11
<a href="#">View File</a>		

**8. Provide the list of funds 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
Dr. Anita Kamra Verma	Major	DBT	2017 1095	6756200
<a href="#">View File</a>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
(1) The initiated Green ride bicycle completed successfully	
(2) The initiated PNG process was successfully completed	

(3) The initiated Water harvesting process successfully completed

(4) Digitization of College Data initiated and is still under process

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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	Achievements/Outcomes
To digitize the data acquisition and processing for current students for students who have passed out for faculty	Upgrading
Rain Water Harvesting	Completed
Installation of Solar Panels	Under process
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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
STAFF COUNCIL	06-Jun-2019

**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

10-Jan-2019

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The college has implemented management information systems that work independently in the admission, account keeping, payroll, hostel, library, examination and internal evaluation. For the purpose of Account keeping - TALLY software is used predominantly. Examination module for Seating Plan of students developed by the College. For

the information of students for admissions, internal assessment and results of Examinations, module prepared by the University of Delhi is being used. In the library NFTLIB Version 3.0.3 software is being used.

## 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

Kirori Mal College is a constituent college of University of Delhi and college follows the curriculum designed by the University. However, flexibility of options available under CBCS are offered to the students and accordingly displayed on the college website. In a decentralised manner various Committees as per the Staff Council engage in finalising the modalities of various Courses such as Generic Elective, Skill Enhancement Courses and Discipline Specific Elective that a student opt for. The Orientation Programme is conducted for new admissions to the First Year Under Graduate Programme and for Generic Elective Courses students of all streams are briefed about the courses offered by each Department. For the GE courses, the students fill an online form. The final list is displayed on the college website. The entire selection process is duly documented and the records shared with Administration. Students can express their grievances online as well as in person. A Grievance committee is in place for redressal of complaints of students. At the beginning of each Semester, Teacher-in-Charge of each department holds a meeting to finalise the Courses taught by individual teachers as per their expertise and interest. Time Table is finalized in collaboration with departments as well as the college Time Table committee as per the University guidelines. The teachers follow the curriculum and teach in an innovative and engaging methods involving the latest cutting-edge educational technologies that the college provides. For assessment and documentation of students, we use a variety of methods in addition to the end of semester examination that the University conducts. Students in college are expected to go through a variety of internal assessments programmes designed to test their educational, moral and extra-curricular depths. Academic knowledge of the students is evaluated through mid-semester examinations, project reports, presentations, term papers and assignments. Each student is encouraged to be part of any of Extra- curricular activities and Sports, be it Cultural Societies like PLAYERS - the theater Group, DEBSOC - Debating, MUSOC- Music, Montage, Sensation- Dance, FAPS or NCC, NSS, Eco Club, Parivartan-Gender Forum etc. Staff Advisors of each society are duly selected by the Staff Council of the College. Through these societies, we develop the intellectual as well as creative skills of our students. Participation in academic or cultural activities are well documented and the results displayed regularly on the College website. All students are constantly encouraged to give their best performance in any or all of these spheres. Each student is also the member of their individual Department/Programme and actively participates in the annual Departmental Fest. A College festival is organized every year where students participate in different extra curricular activiites. Regular Lectures/Seminars are organized by different Departments in which eminent speakers are invited to deliver talks and interact with students. Regular Mentor-mentee meetings are held to address any critical/sensitive issues being faced by the students which could prove to be a hindrance to their overall development. Counselling for selection of options, career choices and personal issues is regularly done.

Faculty members from different streams are involved in course restructuring and revision committees constituted by University of Delhi.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Entrepreneurship and StartUps	00	18/11/2018	182	YES	Initiating, understanding and establishing a start-up.

#### 1.2 – Academic Flexibility

##### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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##### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Economics	20/07/2018
BA	English	20/07/2018
BA	Geography	20/07/2018
BA	Hindi	20/07/2018
BA	History	20/07/2018
BA	Political Science	20/07/2018
BA	Sanskrit	20/07/2018
BA	Urdu	20/07/2018
BA	Programme	20/07/2018
BCom	Programme	20/07/2018
BCom	Honours	20/07/2018
BSc	Botany	20/07/2018
BSc	Chemistry	20/07/2018
BSc	Mathematics	20/07/2018
BSc	Physics	20/07/2018
BSc	Statistics	20/07/2018
BSc	Zoology	20/07/2018
BSc	Physical Science	20/07/2018
BSc	Analytical Chemistry	20/07/2018
BSc	Life Science	20/07/2018
MA	English	20/07/2018
MA	Hindi	20/07/2018

MA	Sanskrit	20/07/2018
MA	Urdu	20/07/2018
MA	History	20/07/2018
MA	Political Science	20/07/2018
MSc	Botany	20/07/2018
MSc	Chemistry	20/07/2018
MSc	Mathematics	20/07/2018
MSc	Physics	20/07/2018
MSc	Operational Research	20/07/2018
MSc	Zoology	20/07/2018

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	40	0

## 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
<b>No Data Entered/Not Applicable !!!</b>		
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Field exposure to National Zoological park -Delhi To study animal diversity and supporting it with Animal album	28
BSc	Field Exposure Programme on "Aquarium Fish Keeping and Breeding" held from 8th to 9th March 2018, under the Skill Enhancement Course (SEC) of CBCS at Ornamental Fish Breeding and Culture Unit, CIFA	35
BSc	Kirori Mal College Online Test Portal	4
BA	Psychological Profile and Performance sustainability with Omission of inequality of Indian Athletes: An Analytical Study	3
BSc	Internship B.Sc. Biotechnology, Amity Institute of	3

	Biotechnology, Amity University Noida, Uttar Pradesh, April 2019	
BSc	Visit to Yamuna biodiversity Park on 10th November, 2018 for B.Sc (Hons) Zoology III Year students to study animal behaviour	39
BSc	Field Exposure programme in "Sericulture" on 3rd October 2018, at Regional Sericulture Research Station Sahaspur, Central Silk Board, Ministry of Textiles- Government of India under the Skill Enhancement Course (SEC) under CBCS with Students of B.Sc.	22
BSc	Visit to Jim Corbett National Park on 28th October, 2018 To study biodiversity for B.sc (Hons)Zoology I Year	28
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#### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The Feedback form for students is available online on the college website and students may fill this anytime. The form is analysed by the faculty and appropriate action taken. A Feedback Form for teacher evaluation as well as college evaluation is available on collegewebsite. The college has a College Leaving Form that is to be filled in by the passing out students. It is felt that data/information presented by students at this juncture is mature, objective and dependable. Besides this, the college also has a 'FacultyStudentCommittee' in all departments. This committee focuses basically on the academic Guidelines of IQAC and submission of AQAR for Affiliated/Constituent Colleges Page 4 issues being faced by the students. Moreover, each class has two student representatives elected by the students themselves. These Class Representatives are a 'bridge' between the students and teachers and help in assessing and addressing the needs of students. The college also has MentorMentee groups that is also a systematic way of getting academic, professional as well as personal feedback of the students. Teaching</p>



is a constantly evolving process as a teacher continuously hones his/her skills throughout the career. This process is helped by getting an honest feedback from students as to what a teacher needs to do better to connect to the class more thoroughly. At our college, we promote our teachers to engage the class by letting them arrive at a conclusion rather than supplying them with a readymade conclusion. Through the help of feedbacks that we have received from students and teachers over the years, we have realised that the aim of teaching, especially at college and university is not just to make the students understand difficult concepts, but to enable them to think critically and expand their horizon and their intellect and we are constantly in the process of doing this. With the help of feedbacks we have also realized the expectations that our students have regarding the infrastructure of the departments and we are in the process of delivering on them. We have provided computer facilities to various departments to help our students receive the most recent technological advancements in their fields and this initiative has been very helpful for the students who could not afford personal laptops for their academic works. We also hold regular sessions and interactions of students with industry leaders and leading bureaucrats to help them prepare for the professional life outside the college. Finally, our strong alumni network mentors our students to choose and succeed in their preferred field.

## 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
BA	Economics	62	15000	92
BA	English(H)	43	15000	52
BA	Geography(H)	43	15000	53
BA	Hindi(H)	43	15000	48
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### 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 fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	4336	697	207	0	0

### 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
200	98	12	30	3	14
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

The college has an active Mentor Mentee programme. Each mentoring teacher has a group of students (mentees) of about 20-25. At least one meeting with students is held every month to discuss and help them for their personal, institutional and career related issues. The group created is a mix of the students from all the three years in a particular under graduate course. The bonding created among the student members and the experiences shared help them to improve their outlook and overall personality in all spheres of life. The senior students are guided towards their career goals and develop their capacity in decision making. The positive outcome of the process is that they learn to work and grow in a group amicably. Ideally, in a mentormentee relationship, the focus is on the professional development components because they play large roles in their careers. We help the students make a timeline of milestones that they require to reach during the course of the semester. We talk to the students about what skills and knowledge s/he will need to master in order to complete each step in the process. The MentorMentee group creates a supportive and friendly environment that helps them feel comfortable, interact with each other and ask questions, provide suggestions, and share their ideas. We give mentees the confidence to seek out for advice and suggestions. Since students often come from diverse backgrounds, varying by class, race/ethnicity, gender, nationality, sexuality, and many other factors, we help them develop interpersonal relationships and give them a comforting environment. It is important to teach the students how to communicate clearly, work with others and develop the skills they would need in their chosen careers that is vital to their success. We also encourage them to design and undertake research projects in the lab that helps them develop lab skills that help them to understand the intricacies of data collection, interpretation and analysis of scientific facts to write up the report.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4336	207	1:21

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
200	207	0	0	143

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 teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Reena Saxena	Associate Professor	Fellow Royal Society of Chemistry, FRSC, UK, October 2018
2018	Dr. Anita Kamra Verma	Associate Professor	APJ Abdul Kalam Lifetime Achievement Award BIOMEDCON
2018	Dr. Seema M Parihar	Associate Professor	IRS Annual Award 2018
2018	Dr. Bali Singh	Associate Professor	Dr Ram Vilas Sharma Rashtriya Samman
2019	Dr. Pragya	Associate Professor	Mahendra Swaran Sahitya Samman
2018	Dr. Ritu Varshney	Assistant Professor	Antarrashtriya Sahitya Shiromani

2019	Dr. Roopinder Oberoi	Assistant Professor	UKIERI Annual Award
2018	Dr. Seema Joshi	Associate Professor	Shreshtha award i.e. Distinguished Teachers Award
2018	Dr. Sameer Lama	Assistant Professor	All India Tamang Buddhist Association (AITBA) as young achiever in academics from sonada, Darjeeling
<a href="#">View File</a>			

## 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	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
<b>No Data Entered/Not Applicable !!!</b>				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college follows the CBCS system of Internal Assessment where 25 of marks are awarded internally. The whole point of internal evaluation is to assess what is and is not working, and for whom, and then to determine what changes are needed, particularly to advance equity and excellence goals. Internal evaluation involves asking good questions, gathering fit for purpose data and information, and then making sense of that information. In Kirori Mal College, Regular (planned) evaluations are an essential part of internal evaluation. We have coherent organizational conditions that support evaluation and inquiry. House examinations and Assignments are a routine exercise every semester. We embed evaluation into the way we plan and take action to realize our vision, values, goals and priorities. We use appropriate tools and methods to gather, store and retrieve a range of valid and fit for purpose data. We recognize the importance of student and community voice and draw on these perspectives to identify priorities for inquiry and improvement. Students are given topics for presentation and are evaluated for the same. In case of any moderation seek by student, we have a functional Moderation Committee in our Department. Each department has a three member committee constituted of Teacher- In-Charge (current session) of the department, a Senior Faculty member and the subsequent Teacher-in-charge, to address the grievances raised by the students regarding Continuous Internal Evaluation (CIE). Application based practical problems are given to the students to enhance their skills. Presentations on latest technologies (not covered in their syllabus) are taken to increase their knowledge domain.

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

As per University of Delhi Academic Calendar. Also, an academic calendar is prepared by each Department for each semester. The schedule for conduct of classes with details of Internal House Examinations as part of CBCS Internal Assessment programme, moderation of the results, Departmental society events, seminars, workshops etc. is also provided to the students

## 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://www.du.ac.in/du/index.php?page=syllabi>

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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

## 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)

[The IOAC has provided feedback forms for students and alumni, which are analysed time to time. The IOAC also collects feedback from the minutes of the regular meetings of the various committees of the Staff Council College website: \[www.kmcollege.ac.in\]\(http://www.kmcollege.ac.in\)](#)

## 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 the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DBT	6756200	1478185
Major Projects	365	MYS	1000000	354399
Major Projects	730	ICSSR	800000	320000
<a href="#">View File</a>				

### 3.2 – Innovation Ecosystem

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
National Symposium on "Microbes and Nanotechnology for Sustainable Environment"	Department Of Botany	07/03/2019
Machine Learning with R	Department of Statistics	18/03/2019
Bigdata in Bioinformatics, Tulane University, Dr. Sudesh Srivastava	Department of Statistics	24/08/2019
When averages are extreme: probabilistic techniques in functional and harmonic analysis, Kent State University,	Department of Statistics	28/01/2019

Dr. Andrew Tonge		
The nuances in the collection and analysis of official Statistics in India, ISI Delhi, Dr. Rahul Roy	Department of Statistics	27/02/2019
Artificial Intelligence, Himanshu Ujjwal	Department of Statistics	28/02/2019
Design of New Curricula and Courses (LOCF 2019) Dr. Agam Kr. Jha	Department of Physics	01/03/2019

### 3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
<b>No Data Entered/Not Applicable !!!</b>				
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### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					
No file uploaded.					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
<b>No Data Entered/Not Applicable !!!</b>		

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Department of Chemistry	2
Department of Zoology	2
Department of Statistics	1
Department of Hindi	6
Department of Urdu	4
Department of Sanskrit	1

### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemistry	17	3.46
National	Mathematics	5	0
International	Mathematics	13	0
National	Zoology	6	2.7
International	Zoology	12	35.52
National	Geography	4	0.5
International	Geography	7	1.2

National	History	1	0
International	History	3	0
National	Hindi	7	0
<a href="#">View File</a>			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Department of Economics	1
Department of Urdu	1
Department of Botany	4
Department of History	2
Department of Geography	1
<a href="#">View File</a>	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Anti-corrosion performance of eco-friendly inhibitor (2-aminobenzyl) triphenylphosphonium bromide ionic liquid on mild steel in 0.5 M sulfuric acid	Hemlata Vashisht	Journal of Molecular Liquids	2018	7	Department of Chemistry, Kirori Mal College, University of Delhi, Delhi 110007, India	1
Base controlled diverse reactivity of allyl cyanide for synthesis of multi-substituted benzenes	Pratik Yadav	Organic Biomolecular Chemistry	2018	5	Department of Chemistry, University of Delhi, North Campus, Delhi, India	1
Equilibrium and Kinetics	Panmei Gaijon Arun Kant	Chemical Science Review and	2018	1	Department of Chemistry,	0

Studies by using Spirulina platensis as a Biosorbent for the Toxic Metal Ions		Letters			Kirori Mal College, University of Delhi, Delhi-110007, INDIA	
Protective effects of new antioxidant compositions of 4-methylcoumarins and related compounds with DL- $\alpha$ -tocopherol and L-ascorbic acid.	Shashwat Malhotra	Journal of the Science of Food and Agriculture	2018	12	Department of Chemistry, University of Delhi, Delhi, India.	1
Montmorillonite used as an extended release delivery vehicle and increase bioavailability for Metoprolol tartrate: an antihypertensive drug	Arun Kant	World Journal of Pharmaceutical Research	2018	1	Department of Chemistry, University of Delhi, Delhi, India.	0
Identification of novel urease inhibitors: pharmacophore modeling, virtual screening and molecular docking studies	Upasana Issar	Journal of Biomolecular Structure and Dynamics	2018	4	Department of Chemistry, University of Delhi, Delhi, India.	1
Theoretical investigation	Upasana Issar	Computational and Th	2018	4	Department of	0

ation of organotin (IV) complexes of substituted benzo hydroxamic acids		eoretical Chemistry			Chemistry, University of Delhi, Delhi, India.	
In Silico study of the active site of Helicobacter pylori urease and its inhibition by hydroxamic acids	Upasana Issar	Journal of Molecular Graphics and Modelling	2018	4	Department of Chemistry, University of Delhi, Delhi, India.	4
A Review on Nanomaterials as Solid Phase Extractants for Determination of Lead in Environmental Samples	Reena Saxena	IOSR Journal of Applied Chemistry	2018	10	University of Delhi, Kirori Mal College, New Delhi, India	0
Chromium Speciation in Contaminated Water Samples Using PTFE Beads Packed Minicolumn and FI-FAAS Determination	Reena Saxena	Atomic Spectroscopy	2018	10	University of Delhi, Kirori Mal College, New Delhi, India	0

[View File](#)

### 3.3.6 – h-Index of the Institutional Publications during the year. (based 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
Chromium Speciation in Contaminated Water	Reena Saxena	Atomic Spectroscopy	2018	10	0	University of Delhi, Kirori Mal College



Samples Using PTFE Beads Packed Minicolumn and FI-FAAS Determination						
A Review on Nanomaterials as Solid Phase Extractants for Determination of Lead in Environmental Samples	Reena Saxena	IOSR Journal of Applied Chemistry	2018	10	0	University of Delhi, Kirori Mal College,
Equilibrium and Kinetics Studies by using Spirulina platensis as a Biosorbent for the Toxic Metal Ions	Arun Kant	Chemical Science Review and Letters	2018	1	0	Department of Chemistry, Kirori Mal College, University of Delhi, Delhi-110007
Anti-corrosion performance of eco-friendly inhibitor (2-aminobenzyl) triphenylphosphonium bromide ionic liquid on mild steel in 0.5 M sulfuric acid	Hemlata Vashisht	Journal of Molecular Liquids	2018	7	1	Department of Chemistry, Kirori Mal College, University of Delhi, Delhi 110007
Nanoneuropharmaceuticals for neurodegenerative diseases	Geetanjali	Nanoscience Nanotechnology - Asia	2018	0	0	University of Delhi, Kirori Mal College, New Delhi, India
Solid Flavinium	Geetanjali	Materials Today	2018	0	0	University of Delhi,

perchlorate salt as catalyst for Bayer-Villiger Oxidation: Effect of N10 chain length		Proceeding				Kirori Mal College, New Delhi, India
Electrochemical and spectroscopic studies of riboflavin	Geetanjali	Analytical Chemistry Letters	2018	0	0	University of Delhi, Kirori Mal College, New Delhi, India
Chemical Degradation of Poly(bisphenol A carbonate) waste materials: A Review	Geetanjali	Chemistry Select	2018	0	0	University of Delhi, Kirori Mal College, New Delhi, India
Evaluation of Norfloxacin and Ofloxacin as corrosion inhibitors for mild steel in different acids: Weight Loss Data	Kalpana Bhrara	International Journal of Creative Research and Thought	2018	0	0	University of Delhi, Kirori Mal College, New Delhi, India
Evaluation of polysorbate 20 as corrosion inhibitor for mild steel in acidic medium and the synergistic effect of a conducting polymer, polyethoxyaniline	Kalpana Bhrara	International Journal of Engineering Sciences Research Technology	2018	0	0	University of Delhi, Kirori Mal College, New Delhi, India

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	25	29	4	0
Presented papers	12	15	6	0
Resource persons	12	24	5	0
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### 3.4 – Extension Activities

3.4.1 – 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 participated in such activities	Number of students participated in such activities
<b>No Data Entered/Not Applicable !!!</b>			
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
0	0	0	0
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3.4.3 – 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 participated in such activities	Number of students participated in such activities
Swachh Bharat Abhiyan	NCC 5 DBN IDGBN	Pledge, Poster making and Rally in the college campus	2	150
VILLAGE ADOPTION	UNNAT BHARAT ABHIYAN	Village Level Surveys and House Hold Surveys of 5 villages of Bulandshahr – Munni, Rudri, Bhogpura, Narayanpur, Shahyapur	1	6
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### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
0	0	0	0

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3.5.2 – 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	Duration To	Participant
Internship	Sectoral Analysis of Stock Market and Consumer Behavior	IFCI Financial Services Pvt. Ltd	01/05/2019	10/07/2019	Unnati Tanwar
Internship (Trainee)	Analysis and Writing Project Report Project Analysis on profitability of HUDCO	Human Settlement Management Institute (HSMI) Housing And Urban Development Corporation Ltd.	13/06/2019	12/07/2019	Arushi Pathak
Project	To Organise "Indian youth conclave" for school and college students	My Captain Education Start Up company <a href="http://www.mycaptain.in/">http://www.mycaptain.in/</a>	20/05/2019	01/09/2019	Unnati Nanda
Internship	Ground study of swatch Bharat abhiyaan	Niti Aayog, Rural Development Vertical Government of India	03/06/2018	13/07/2018	Vrinda Sharma
Internship	Collecting demographic data, working with Self-help groups, conducting literacy workshops	Princess Diya Kumari foundation, Badal Mahal, Talkatora Rd, Jaipur, Rajasthan 302002	17/12/2018	17/01/2019	Vrinda Sharma
Internship	Study of Commercial Real estate as an asset class for investment portfolio	Indian Council for Research on International EICICI Home Finance Co <a href="http://www.icicifc.c">http://www.icicifc.c</a>	10/06/2019	10/07/2019	Shreya Jain

		omconomic Relations (ICRIER)			
Internship	Business Development Intern	My Captain Education Start Up company <a href="http://www.mycaptain.in/">http://www.mycaptain.in/</a>	01/07/2019	01/08/2019	Amal
Internship	Research Intern	Concept India Pvt Ltd. worked with Ranchi smart City Cooperation and Hubballi Dharwad smart city cooperation.	20/05/2018	20/07/2019	Tathagat Singh
Project Volunteer	Campaign Volunteer for winter clothes donation drive	Shuddhi NGO 82, DDA Complex, Block LU, Uttari Pitampura, Pitam Pura, New Delhi, Delhi 110034	01/12/2018	31/12/2018	Tathagat Singh
Internship	Teaching intern- Teaching underprivileged students	Smile Foundation <a href="https://www.smilefoundationindia.org/">https://www.smilefoundationindia.org/</a>	01/01/2019	01/03/2019	Tathagat Singh

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
MEPSC, New Delhi	06/04/2019	Skill Development	40
NIESBUD	19/12/2018	FDP	30
CIDC	15/01/2019	Skill Development	20
DISET, New Delhi	01/02/2019	Technology Development/Solar Energy	30
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## 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
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44.57

44.57

## 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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## 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
NETLIB	Fully	3.0.3	2002

## 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2171	1195883	1546	1000425	3717	2196308
Reference Books	172	571429	192	474655	364	1046084
Journals	15	29739	0	32187	15	61926
CD & Video	120	0	0	0	120	0
e-Books	2343	1767312	1738	1475080	4081	3242392
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## 4.2.3 – 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 &amp; 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
Dr Haren Ram Chiary	Paper No.: 06, Paper Name: Animal Physiology (total: 7)	e-PG-Pathshala	17/01/2019
Dr Haren Ram Chiary	Paper No.: 08, Paper Name: Biology of Parasitism	e-PG-Pathshala	17/01/2019

	(total: 6)		
Dr Haren Ram Chiary	Paper No.: 10, Immunology (total: 3)	e-PG-Pathshala	17/01/2019
Dr Haren Ram Chiary	Paper No.: 15, Paper Name: Molecular and Cell Biology (total: 2)	e-PG-Pathshala	17/01/2019
Dr Haren Ram Chiary	Paper No.: 12, Paper Name: Principles of Ecology (total: 21)	e-PG-Pathshala	17/01/2019
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	228	3	0	1	0	1	19	56	0
Added	2	0	0	0	0	0	0	0	0
<b>Total</b>	<b>230</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>19</b>	<b>56</b>	<b>0</b>

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

54 MBPS/ GBPS
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##### 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
<b>No Data Entered/Not Applicable !!!</b>	

#### 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
50	147.48	44.57	44.57

##### 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)

<p>Physical resources like class room, library, facility rooms etc. are being renovated. All the class rooms have internet connection and are also well lit and ventilated. At the end of each semester, a team physically checks the maintenance required in each room of the college and proper action is taken. In academics, guidelines of University of Delhi is implemented for the Choice Based Credit Course. Evaluation system, students' performance and their involvement in different learning programs is in accordance with the suggested guidelines of the Delhi University. The college has developed internal</p>
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evaluation system to enrich the syllabus and check the performance of the students. Continuous evaluation is made by the teachers and students are informed within the stipulated time decided by the College. All the information regarding the marks and attendance of students are uploaded on the website and feedback from students to report discrepancies is collected in a short period of display. For support facilities, college has separate committees which consists of teachers, non-teaching staff and students to understand and support all the stakeholders and beneficiaries of the college. The members of the concerned support facilities convene meeting regularly in a semester to understand and organize different activities to support the main functions of the college. The teachers, other staff members, and students work together to use the support faculties at optimum level. As per the guidelines, each committee member tries to minimize the cost, energy, and wastage. There is Maintenance Grant for Colleges for maintenance and development of Infrastructure of the college. Regular servicing and repair is being conducted by the college. Annual Maintenance Contract of equipment, projectors, computers and air conditioners in the college is done. The Library has separate Reading Halls, digital catalogue and a section reserved for the blind students. Digital Record keeping of various instruments purchased during the financial year is maintained centrally by the college. The College adopts procedure for purchase of all materials/equipment/instruments/chemicals/consumables as per the General Finance Rules of Government of India. Separate record for equipment/instrument and other non-consumable is maintained in respective departments. Annual Stock Taking/Weeding/Physical checking is done

<http://www.kmcollege.ac.in>

## 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	Fee Concession	289	858000
Financial Support from Other Sources			
a) National	Handicap, misc.PH.	57	685929
b) International	NIL	0	0
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#### 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
MentorMentee Programme	20/07/2018	25	Kirori Mal College
Committee for catering students diversity	01/05/2018	6	University of Delhi
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#### 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	Number of benefited	Number of students who	Number of students placed
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		students for competitive examination	students by career counseling activities	have passed in the comp. exam	
2018	Kartavya, The Civil Services Society	150	19	5	5
2018	The Round Table	200	0	0	0
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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	Number of grievances redressed	Avg. number of days for grievance redressal
6	6	12

## 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	Name of organizations visited	Number of students participated	Number of students placed
Boston Consulting Group, EYGDS, Deloitte, PwC India, DE Shaw, ITC, IDInsight and Tresvista.	500	76	Abacus, ENY, The Oberoi Group, SP Global, Josh Talks, Chartered Club etc. (47 companies)	380	29
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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	432	B.A(H), B.Com (H), B.Com(P), B.Sc. (H), B.A. (Programme), B.Sc. (Life Sciences)	History, Political Science, Geography, Economics, English, Hindi, Urdu, Commerce, Computer Science, Mathematics, Statistics,	University of Delhi, Jawaharlal Nehru University, Punjab University, BHU, NIT, IIT. etc	M.A. M.Sc Bed LL.B

Zoology,  
Botany,  
Chemistry,  
Physics,

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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	Number of students selected/ qualifying
NET	11
CAT	5
GRE	2
Civil Services	1
Any Other	33
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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### 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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The college has a Student Union that is duly elected by students each year. Student Union represents the students in College committees like Cultural Council comprising Drama society-The Players, Debating Society - DEBSOC, Music Society - MUSOC, Fine Arts Photography Society, Film Society - Montage, and Dance Society - Sensation. The other Societies like Adventure Club, Placement Cell, PRAYAS, Eco Club, North East Cell, Equal Opportunity Cell, Parivartan the Gender Forum, La Voice and ENACTUS have student members as Office Bearers who are guided by the Faculty Advisors. Activities and programmes in college are conducted through the active participation of students in these committees. The college also has active NSS and NCC Units that have large representation of students. Student representatives are also members of important Administrative Committees such as the Fee Concession Committee, Library Committee, Canteen Committee, the ICC - Internal Complaints Committee and also the IQAC. Besides these cultural and empowerment committees, each Department boasts of an Academic Society in which the student members may be elected or nominated. These office bearers under the guidance of the Staff Advisor of each Department organize Academic lectures, seminars, field trips and festivals at intra and inter-college level. The BA (Programme) students also have an active society that hosts annual festivals and lectures. The achievements and activities of each society is given in 5.3. Our students have been participating in

competitions organized by other colleges within Delhi and outside and winning medals and bringing accolades to the College. Each Committee strives to work hard and diligently towards encouraging maximum student participation so that most of students are engaged in extra curricular activities besides being academically brilliant. It is the task of the office bearers to ensure that information regarding competitions and opportunities are duly communicated to all the students through the website and the notice board. The enthusiasm and zeal among the students and the close coordination with the faculty brings vibrance to the college.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has active Alumni interaction through its various programmes. A record of alumni is maintained and regularly updated annually. On the Founders Day of the college, each year, the alumni are invited to participate and interact with the students and the faculty. Sports events like a friendly cricket match organized on the Day see active participation from the alumni. On 1 Feb 2019, on the occasion of the Founders Day 70 alumni participated in the function. Alumnus of 1963 batch till recent 2017 batch like Prof Rajesh Rastogi, Anil Gupta and many more shared their experiences with us. They establish close contact with the students and motivate them to interact with the pass outs as and when they desire. Several cultural and Departmental societies organize events the year round in which alumni are invited as Distinguished Guests to interact with students and to mentor them. The Hostel alumni gather each year for an alumni meet which is well attended. About 100 hostel alumni attended the event on the evening of February 2019. They also shared nostalgic memories of their hostel stay with the youngsters. Among those present were bureaucrats and business professionals. The College can boast of prestigious alumni who are source of inspiration for the younger generation. They are also our direct link to various Multinational Corporations and Public Sector Units to which our students apply for jobs. Shri Amitabh Bachchan, regularly communicates with the fraternity of the College. Several actors, statesmen, sportsmen, politicians like Shri Naveen Patnaik, Judges such as Justice A.K.Patnaik, Justice Raghuvendra Singh Rathore, Justice Ratnakar and bureaucrats in foreign service, administrative services, revenue etc. have been a constant source of inspiration. The college has initiated the alumni interaction drive which has helped us touch base with our former students. Many KMC alumni have contributed to our building fund. Justice Patnaik, former Chairman of the college Governing Body and an alumnus of the college, has contributed a handsome sum of two lakhs to go towards the renovation of the auditorium and the proposed girls hostel. Shri A.D. Singh has contributed a sum of Rs. 1 crore towards the construction of girls' hostel. Consistent sincere hard work and support from KMC alumni will definitely turn our dream projects into reality.

5.4.2 – No. of enrolled Alumni:

5000

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

10200000

5.4.4 – Meetings/activities organized by Alumni Association :

Interaction with alumni through annual alumni meeting of the college besides other annual meets of the hostel alumni, cultural societies alumni and alumni of many academic departments. Annual Day - Chief Guest Justice (Retd.)

A.K.Patnaik Alumni Interaction on Founders Day Annual Day 26.4.2019: Chief Guest - Brig. Salil Sharma (Alumnus 198083) Invitational Basket Ball Tournament: 1619 March, 2019 Hockey Matches with alumni organised weekly by Sports Alumni Hostel Alumni Night: 20.2.2019

## 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)

Decentralization The institution has a mechanism of providing operational autonomy to various functionaries that ensure that a decentralized governance system. 1. Governing Body Level: Being a University maintained college, the members of the Governing Body (GB) of the college are appointed directly by the University. The GB is the top management body with a Chairperson and the Principal as its Member Secretary. All executive decisions are taken by the GB. 2. Principal level: The Principal is the Member Secretary of the Governing Body and ensures the implementation of the executive decisions through Committees constituted for the purpose. The Principal is the chairperson of the IQAC. The Staff Council is a statutory body consisting of the entire teaching faculty as members and the Principal as its Chairperson. As the Principal of the college the Chairperson then assumes the responsibility of implementing these decisions by functioning through committees constituted in the Staff Council. The Staff Council and the Governing Body however, take decisions under the provisions and guidelines set and communicated by the University. 3. Faculty Level: As per the Staff Council decision, in 2018-2019, there were 51 Committees. These Committee could be bifurcated as Administrative Committees, Extra-curricular Activities Cultural Societies and Student Activity Committees. Faculty members are part of different committees/cells nominated by the staff council, in the governing body, in the IQAC and the above mentioned committees. At the College level, there is Staff Association of which all teachers including the Principal are members. The Association has a democratically elected President, Secretary and an Executive Body. One of the important Committee is the Standing Committee for Admissions - Each year the admissions to the I year of College begin in the month of June. The Admission Committee proactively, tirelessly and diligently works from June to August to ensure smooth admission process. The Principal is Chairperson of Committee and the efficient team of teachers in the committee including the Teachers-in-charge of all the Departments are aided by the Non-teaching faculty. Student volunteers from various academic, cultural and Sports societies along with NSS and NCC also assist in providing guidance to the entrants. 4. Student level The student union elections were held in September 2018. The entire process is carried out in a decentralized manner. The Students Advisor of the Union initiates the process of Election Notification, Withdrawal and finally its conduct follows due process of the Lyngdoh Committee guidelines. The entire college faculty - teaching and non-teaching and the students participated in the process with great enthusiasm and zeal. The discipline during the process is maintained through the participative management of all the stakeholders. Elections in India are the biggest festival of democracy was truly evident in College during Students Union election. Students are empowered to play important role in different activities such as Internal Complaints Committee, Canteen Committee etc. 5. Non-Teaching Staff Representatives of the Non-teaching staff are in various administrative committees such as IQAC, Provident Fund Committee, Canteen Committee etc. where they give their valuable suggestions. Participative management The

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

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):

Strategy Type	Details
Admission of Students	Admissions are done strictly as per University of Delhi guidelines
Industry Interaction / Collaboration	Some levels of interaction have also been achieved through carrying out joint initiatives with the industries whenever an individual faculty or a department has approached the college authorities. The Entrepreneurship and Skill Development programme has MoUs with industries and there is constant mutual collaboration.
Human Resource Management	Human Resource management and Industry interactions are done through our very active Placement Cell.
Library, ICT and Physical Infrastructure / Instrumentation	The whole campus is wifi enabled 24x7 Many classrooms are equipped with audiovideo facility. Library is digitized.
Research and Development	Research and development works are encouraged both amongst students and teachers. The college supports all the teachers, who get projects for pursuing research and development assignments, by assisting them with infrastructure, academic and financial planning. Innovative research in areas like Social Enterprise, Nanotechnology, Analytical Chemistry and Oral History in college.
Examination and Evaluation	Continuous evaluation through regular internal assessment tests, presentations etc. Many faculty members are active members of University appointed examination committees viz. Moderation committee, Committee of Courses, paper setting. Almost all faculty members are involved in evaluation of examination scripts.
Teaching and Learning	The Teachersincharge have the responsibility of maintaining the standards of teaching and learning with the help of colleagues from their Department under the overall supervision of the Staff Council and the Principal. Innovative teaching methods and constant feedback enrich the teaching and learning process.
Curriculum Development	Kirori Mal College is a constituent college of University of Delhi and follows the CBCS syllabus at the UG

level. Faculty members from different streams are involved in course restructuring and revision committees constituted by University of Delhi.

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

E-governance area	Details
<p>Planning and Development</p>	<p>All the development activities in College take place in a well planned manner. Before the beginning of each Academic Session various Committees - Academic and Administrative are formed that work in a decentralized manner. Standing Committee for admissions ensures smooth Admission process of students. Well-designed Prospectus that is available offline as well as online is prepared and displayed on website. IT based systems such as database management system and planning support system for managing plans and development initiatives in the Institution are extensively used. The time frame for events to be organized by each Committee are planned well in advance.</p>
<p>Administration</p>	<p>College has provision for Biometric attendance for NonTeaching faculty Website of College is regularly updated and contains all pertinent information including a)Time Table for each course and each Semester b) RTI - Information regarding ACT/PIO/Redressal mechanism displayed Tenders c)Faculty details Department wise d) Teacher on Leave e)Courses/Syllabus/ Internal Assessment/ Schedule of Examination/ Academic Programs Surveillance through CCTV particularly during time of Student Elections and other events when there is increase in students' activities involving students from other Colleges.</p>
<p>Finance and Accounts</p>	<p>Receipt of Admission Fees is completely online. Salary of the Staff members is electronically transferred to the Bank. E-Tender process followed for purchase of material and services TALLY 9ERP SOFTWARE for accounts and SENSYS TECHNOLOGY. GEM is regularly used for purchase of goods</p>
<p>Student Admission and Support</p>	<p>Students register for admissions on University portal. The list of eligible students displayed according to Cutoff marks on the University website. Students approach College for admission in preferred Course which is granted as</p>

per displayed Merit. Entire process monitored at college level as Data is computerised. Sanctioned seats, filled seats, supernumerary - including Sports, PwD, Ward quota displayed on website. Transparency is maintained at each level through intensive monitoring. Grievance of students are addressed by the relevant Committees and if need be referred to the University for resolution. Admission process concluded smoothly in 201819 through effective e-governance.

**Examination**

Entire process monitored thoroughly through e-governance from filling up of Forms to payment of Examination Fees online. In the continuous evaluation system the Internal assessment marks are displayed online on the website. There is system of Uploading Practical Examination marks on the University Examination portal immediately after conclusion of the Examination. University provides online support mechanism for smooth conduct of theory Examination with online Date sheets, evaluation schedule and finally the Results. During conduct of examination in College, seating plan displayed online.

**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. Agam Kumar Jha	FDP, Shyam Lal College, November, 2018	UGC	1000
2019	Dr. Harish	UGC Sponsored Refresher course, 4.2.2019 1.3.2019	HRDC, JNU	800
2019	Dr. Praveen Kumar Anshuman	UGC sponsored Short term Course on MOOCs, Elearning ICT 1521 June, 2019	CPDHE, University of Delhi, Delhi	1100
2019	Dr. Sanjay Verma	UGC sponsored Short term Course on	CPDHE, University of Delhi, Delhi	800

		MOOCs, Elearning ICT 1521 June, 2019		
2018	Mr. Shrawan Kumar	International Conference on Emerging Innovations in Statistics Operations Research ( EISOR2018 )	Department of Statistics, M.D.University, Rohtak, Dec. 2730, 2018	1400
2018	Dr. Nidhi Sharma	UGC sponsored Refresher Course in Business Management, Economics Commerce from September 19, 2018 to October 11, 2018	CPDHE, University of Delhi, Delhi	1100
2018	Manisha	Refresher Course in Contemporary Issues of the World, CPDHE, University of Delhi 27.11.182 7.12.18	CPDHE, University of Delhi, Delhi	1100

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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	Nil	Hands-on workshop on MS-Office for Laboratory Staff	19/06/2019	20/06/2019	4	45
2019	Nil	Basic Laboratory Technique workshop for Botany Laboratory Staff	12/07/2019	12/07/2019	4	10
2019	Nil	Basic Laboratory	26/06/2019	26/06/2019	4	21



		Instrumentation for Undergraduate Chemistry Lab Staff				
2019	Nil	Basic Lab Techniques for Zoology Lab Staff	04/06/2019	04/06/2019	4	10
<a href="#">View File</a>						

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 teachers who attended	From Date	To date	Duration
Faculty Development Program cum Workshop on "Climate Across The Curriculum: Resources For Integrating Climate Topics In Discipline-Specific Teaching" of the TROP ICSU project, at Sri Venkateswara College (University of Delhi)	2	13/10/2018	14/10/2018	2
Faculty Development Programme on Entrepreneurship, Department of Science Technology, NIESBUD, NOIDA Campus.	1	03/12/2018	17/12/2018	14
Refresher course in Chemistry at Lucknow University U.P.	1	01/01/2018	23/01/2018	22
Refresher Course in Business management,	3	19/09/2018	11/10/2018	23

economics and commerce				
Faculty Development Program on Research methodology	1	18/12/2018	24/12/2018	7
Faculty Development Program on Digital outreach and future of marketing reach	1	11/01/2018	12/01/2018	2
Refresher Course on Contemporary Issues of the World	1	27/11/2018	17/12/2018	21
Faculty Development Program on Data Analysis using software packages	1	12/12/2018	24/12/2018	13
Faculty empowerment workshop entitled "National workshop on Stress Management and Emotional Intelligence in Teaching and Learning Environment" Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi	1	10/02/2018	10/02/2018	1
Refresher Course in Sanskrit at HRDC, JNU	1	04/02/2019	01/03/2019	24

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

0	0	0	0
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#### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical imbursement, TC society, Vehicle and other loan disbursement, Pension payments, Group insurance, Education imbursement	Medical imbursement, TC society, Vehicle and other loan disbursement, Pension payments, Group insurance, Education imbursement	Scholarships, Awards, Cash Rewards, Fee concessions

### 6.4 – Financial Management and Resource Mobilization

#### 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

<p><b>Internal Audit:</b> The internal audit of the college is conducted by the University of Delhi, Audit Branch. No private auditor is appointed by the college as it is a University maintained college. University of Delhi conducts audit as per its own schedule. However, pay fixation, promotions, pensions, MACP/ACP are approved by the Audit Branch of University of Delhi, regularly. After audit of the aforesaid financials, the University of Delhi, grants approval for the same for release of payment to the staff members. <b>External Audit:</b> Our external audit is to be done by Comptroller and Auditor General of India. The audit team conducts 2 types of audits for college, 1. SAR and 2. Transaction Audit. SAR audit is conducted every year after completion of annual account and report of the same is submitted to the University of Delhi and UGC - Transaction. Audit is conducted by Comptroller and Auditor General of India as per their own schedule. College requests Comptroller and Auditor General of India to conduct both SAR and transaction audits every year.</p>
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#### 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/ Grnats received in Rs.	Purpose
Shri. A. D. Singh, Justice (Retd.) Shri. A.K.Patnaik	10200000	Repair and Upgradation of College Auditorium
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#### 6.4.3 – Total corpus fund generated

0
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### 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	NIL	Yes	Staff Council Committees
Administrative	No	NIL	Yes	Governing Body/Principal Approvals

#### 6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

The college has never felt any need to have a ParentTeacher Association as the parents have cooperated with all the decisions of the College and have helped
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the college in maintaining the discipline and academic environment within the college whenever they are requested for the same.

#### 6.5.3 – Development programmes for support staff (at least three)

Handson workshop on MSOffice for Laboratory Staff 19/20 June, 2019  
Basic Laboratory Technique workshop for Botany Laboratory Staff 12.7.2019  
Basic Laboratory Instrumentation for Undergraduate Chemistry Lab Staff 26.6.2019  
Basic Lab Techniques for Zoology Lab Staff 4.6.2019

#### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

Post-Accreditation in the Year 2016, the college has Taken several initiatives.  
1. Infrastructural Development - New furniture has been purchased/Electronic Equipment such as TV Screens have been installed. LCD projectors are being well maintained for Teaching-Learning in College  
2. The College has applied for DBT Star College Scheme under Department of Biotechnology, Ministry of Science and Technology, Government of India  
3. Space for Computer Lab usage for teachers adjoining the Teachers Staff Room has been created

#### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
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 IQAC	Duration From	Duration To	Number of participants
2018	Installation of Green Ride bicycle station	25/07/2018	26/07/2018	31/12/2019	50
2018	Vermicomposting	18/12/2018	18/12/2018	29/01/2019	40
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### 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	Period To	Number of Participants	
			Female	Male
Discussion on 'Gender and Stereotypes'	30/08/2018	30/08/2018	50	40
Discussion on 'Gender and Spaces'	06/09/2018	06/09/2018	30	30
Discussion on 'Gender or Equality or	20/09/2018	20/09/2018	30	20

Feminism'				
Aham Asmi: Celebration of SC verdict on Section 377 with an Open Mic session and discussion on 'Where do we go from here?'	10/10/2018	10/10/2018	60	80
Discussion on 'Consent and Gender dynamics during intimacy'	01/11/2018	01/11/2018	40	30
Samabha, two day film festival on Gender, Masculinity and Relationships.	22/01/2019	23/01/2019	40	50
Training of Trainers, workshop on Gender and Masculinity	28/01/2019	29/01/2019	105	115
Open Discussion on 'Sex Education in India'.	07/03/2019	07/03/2019	80	60
Discussion on 'Beautiful Women'	08/03/2019	08/03/2019	40	50
The Movie Screening of "The Story of a Young Bride"	14/09/2018	14/09/2018	50	60
Women Conclave	07/03/2019	08/03/2019	100	110
Breaking the Chains (Three week online programme)	24/09/2018	14/10/2018	40	50
Ab Samjhauta Nahin (Workshop on sexual harassment)	16/01/2019	16/01/2019	50	40
Verdict on Adultery	11/10/2018	11/10/2018	47	35

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

The network of the PNG (Pipelined Natural Gas) connection has already been

installed in the college. This fuel is environmentally friendly as it emits significantly fewer pollutants than the traditional LPG cooking gas. The PNG connection has already started functioning in the college hostel. This not only provides greener fuel but has also cut down the cost of cooking gas by almost half. It must also be mentioned here that this became possible only by the initiative taken by the hostellers. College has also started working towards making the college campus a plastic free zone. Usage of plastic glasses, spoons and plates and plastic flexes used during functions has been discouraged. Students are urged to take up responsibility for clearing up the venue after student festivals and events. Rain Water Harvesting has been done in the Main Academic Block, Science Block, Sports Ground and Lawns of the College. There are 8 nos. of pits of the sizes: 1.67X1.9X2.5 m (5 nos.), 1.46X1.5X1.5 m (1no.) and 1.0X 1.0X1.2m (2 nos.). There is one bore well of 4inches diameter in each of these pits. A pipeline connects rain water harvesting pits to the main rain water harvesting tank.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	80
Provision for lift	Yes	80
Ramp/Rails	Yes	38
Braille Software/facilities	Yes	38
Rest Rooms	Yes	10
Scribes for examination	Yes	38
Special skill development for differently abled students	Yes	22
Any other similar facility	Yes	50

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	2	16/10/2018	01	Orientati on program, Freshers talent show, annual fest Lehar and farewell for PRAYAS	Orientati on, Talent show by PwD students	150
2019	1	3	12/02/201	02	Workshop	Computer	100

			9		in association with HTBF and Enable India	Literacy of PwD students	
2019	2	2	12/03/2019	02	Khelo Prayas, a para Olympic sports meet	a para Olympic sports meet	200
2019	4	4	04/04/2019	02	annual fest Lehar	seminars and talks for sensitization	150
2019	1	2	15/04/2019	01	Sakshamta diwas	Sensitization programme	150
2019	1	1	27/04/2019	01	farewell, prayas Society	Volunteers and members felicitated for their involvement in making Prayas-PwD society successful.	100
2018	10	10	14/08/2018	180	Each One Teach One Programme	Under-privileged students of Chandrawal Village are taught by student volunteers each day.	150
2018	5	5	14/08/2018	180	Cultural and Personality Development of the Children -Village Chandrawal Lane 89	Under-privileged students of Chandrawal Village are trained through special sessions.	150
2018	2	2	01/08/2018	15	Swachatta	Cleanline	250

			8		Pakhwada	ss Drive in College and Chand rawal Village
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Professional Ethics of Teachers	18/07/2018	It highlights the Part of Agreement of Service entered into between the College and a teacher in its service. The concepts and ideas were discussed in various forums such as Staff Council and Departmental Meetings. The implementation of these values is reflected in informal discussions among teachers as well as other stake holders like non-teaching staff and students . The values and responsibilities are kept in mind while organising extra curricular activities/ special lecture/department and college festivals etc.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminar on Intellectual Property Rights and the Knowledge Economy	21/02/2019	21/02/2019	105
Rashtriya Ekta Diwas- NSS	31/10/2018	31/10/2018	100
Each One Teach One - NSS	30/07/2018	26/03/2019	150
Swatchta Pakhwada	01/08/2018	15/08/2018	100
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Paper recycling Vermicomposting Water Harvesting Green ride bicycle Piped Natural Gas (PNG) supply
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7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices



1. Digital Vision for visually challenged Keeping in view the problems of reading signages, doorplates and plaques in college building for visually impaired students, Kirori Mal College has always been constantly and proactively endeavouring to equip the PwD (Persons with Disabilities) students and staff members with adequate hardware and software support. In its commitment to provide equal opportunity for all the PwDs, Kirori Mal College has introduced Digital Vision (DV) technology to make these signages accessible through special nameplates and mobile application developed by YVDO Solutions PVT LTD. The app provides navigation orientation and class room specific information such as door type, sitting arrangement and other crucial instructions in audio format to help students move independently in college premises. 82 devices have been installed so far from college's main entrance upto the Back Gate exit covering the entire academic blocks, class rooms, labs, office, library and canteen. The Digital Vision app with the supported hardware was formally inaugurated in the Academic Auditorium of the college on the occasion of Sakshamta Divas, held on 15.04.2019. The college will try to extend this facility to meet other academic requirements in near future as the Digital Vision can make several other things accessible as the college students can easily use DV stickers on their documents, assignments, nooks, ATM cards, ID cards, medicines and noticeboards for an easy access without compromising their privacy and safety. The technology is userfriendly due to its app design and accessible interface. It is fully compatible with screen reading, magnification and other accessibility features of Android system. Innovative DV technology is cost effective, efficient, accessible and therefore assures Right to Read for each person with print disability in the country.

2. Village Adoption under Unnat Bharat Abhiyan Kirori Mal College is participating in the Unnat Bharat Abhiyan(UBA) the flagship programme of the Ministry of Human Resource Development (MHRD) to enable faculty and students of higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth of village. The college has adopted 5 villages in the District of Bulandshahr Munni, Bhogpura, Shahpur, Rudari and Arnia. Under this scheme, the students and faculty conducted Village Level Survey and Household Survey was conducted in these villages to understand their problems and challenges. Students of the college frequently visit these 5 villages and create awareness regarding the Government initiatives like Jandhan yogna, Mudra yogna etc. so that the villagers can be benefitted. College has initiated occupational opportunities with the help of NGOs and private organisations for economic benefit. College is planning to provide them technical skills so that they can enhance their economic capabilities.

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

<http://www.kmcollege.ac.in>

### 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

Kirori Mal College holds the distinction of having the only Animal Holding Facility in the University of Delhi of Delhi. The facility is maintained by the Department of Zoology. It has been in existence for the last nine years and has been licensed by CPCSEA (no. 1666/GO/Re/S/12/CPCSEA). Balb/c, C57B/6mice and Wistar Rat and nude/transgenic mice are maintained in the facility. The IAEC is active and there are around 10 protocols monitored by them. The faculty members are actively involved in research in human health and disease, especially nanomedicine for cancer, arthritis, and diabetes. College also has a MoU with SMS Grace for disposal of Biomedical waste. Kirori Mal College takes great

pride in the fact that it has exceptionally good facilities for teaching and research in the Departments of Science which include the Departments of Physics, Chemistry, Botany and Zoology. There is also a separate Microbiology lab and the Animal Tissue Culture lab in college. The college also has the NanoBiotech Instrumentation Facility with advanced instruments like the Zeta sizer, FTIR, Ultra sonicator, HPLC, Fluorimeter, UVSpectrophotometer, Temperature controlled Magnetic stirrers. The Biotechnology Research lab has gradient PCR, RTPCR, GelDoc, autoclaves and a small RNA isolation unit. It is one of the few colleges in the University of Delhi to offer the Analytical Chemistry Course. The labs are well equipped with hightech instruments like microfuge, water bath, weighing Balance, pH meter, microtome, Laminar flow cabinet, Incubator shaker, BOD, CO2 incubator, cold centrifuge, Cat II laminar flow, Fluorescent Microscopes both Upright and Inverted, Vibratome, 20°C refrigerator, 80°C freezer, and Liquid nitrogen cans to preserve the various cancer cell lines and tissues, Gas Chromatography. The Chemistry department has Gas Chromatography, Flow InjectionFlame atomic absorption spectrophotometer (FIFAAS), hydrothermal Autoclave, High Vacuum Pump, Millipore water purification system and Furnace. The Botany Department has established a costefficient Mushroom Cultivation Facility to provide skills to interested students and faculty. The essence is to grow white button mushrooms on a substrate of agriculture waste materials such as paddy straw, husk, sorghum, maize culms, castor stalks, and groundnut shells. The students are encouraged to develop skills and get handson training. The Department of Physics has been actively organising Robotics and Astronomy competitions. An exceptional achievement of the students from the department is the discovery of three asteroids by the team of students in May 2019. We at Kirori Mal are thus committed to give handson training to our undergraduate students and help them develop a scientific temperament. Our students are well prepared to step into the exciting world of science teaching and research at any level.

Provide the weblink of the institution

<http://www.kmcollege.ac.in>

## 8.Future Plans of Actions for Next Academic Year

**Infrastructural Development** The college is in process of creating, upgrading and renovating its infrastructure. The objective is to provide State of Art facilities to students who come to study at this prestigious Higher Education Institution. The following will be the focus for development in the next year  
**Construction of Girls Hostel** Girls Hostel is a priority for the college as number of female students that come to study from outside Delhi is quite large. It is proposed to construct a Girls Hostel with at least 100 rooms.  
**State of Art SMART Class Rooms** This is the need of the hour and College is in process to upgrade to SMART classrooms that will have all ICT facilities and air-conditioned.  
**Upgradation of Infrastructure of Library, Office and Auditorium** We need to upgrade the infrastructure of The Library, Administrative office and the Auditorium.  
**Upgradation of Sports Playfield:** College wins accolades in Sporting events both at the University and National Level. However, the Sports Playfield needs to be improved and upgraded with state of art facilities  
**Academic enhancement,** the focus shall be on the following  
**Certificate and Add-On Courses** in various disciplines. In the coming year the college will try to introduce Certificate and Add-On Courses that will help in Skill development leading to better job opportunities for the students.  
**Remedial Classes** For the underprivileged, College will organise Remedial Classes in various subjects - not only those that are part of curriculum but also some classes that will help in preparation of Competitive Examinations  
**College plans to conduct Counselling sessions** by Trained Counsellors for mental well being and psychosocial problems of students as well as faculty members.  
**Green Environment Campus** College aims to create and maintain Green Campus through its already on- going initiatives as

well as new ones such as Solar Panelling and Sewage Treatment Plant Instrumentation Centre Learn and Earn Centre for Women: Children from the nearby urban slum near College - Chandrawal are taught by the NSS volunteers in the programme Each One Teach One. For the women of the village, the College plans to establish Learn and Earn Centre in which they will get an opportunity to learn some handcrafts with a market linkage.