



Yearly Status Report - 2018-2019

Part A

Data of the Institution

| | | |
|---|--|---------------------------------------|
| 1. Name of the Institution | | C. M. SCIENCE COLLEGE, DARBHANGA |
| Name of the head of the Institution | | Dr. Prem Kumar Prasad |
| Designation | | Principal |
| Does the Institution function from own campus | | Yes |
| Phone no/Alternate Phone no. | | 06272222051 |
| Mobile no. | | 9471009144 |
| Registered Email | | principal@cmssc.ac.in |
| Alternate Email | | principal.cmssciencecollege@gmail.com |
| Address | | Darbhanga |
| City/Town | | Dabhanga |
| State/UT | | Bihar |
| Pincode | | 846004 |
| 2. Institutional Status | | |

| | |
|--|---------------------------------------|
| Affiliated / Constituent | Constituent |
| Type of Institution | Co-education |
| Location | Urban |
| Financial Status | state |
| Name of the IQAC co-ordinator/Director | Dr. Ajoy Mishra |
| Phone no/Alternate Phone no. | 06272222051 |
| Mobile no. | 8340657912 |
| Registered Email | principal@cmssc.ac.in |
| Alternate Email | principal.cmssciencecollege@gmail.com |

3. Website Address

| | |
|--|---|
| Web-link of the AQAR: (Previous Academic Year) | http://cmssc.ac.in/AQAR2017-18.doc |
| 4. Whether Academic Calendar prepared during the year | No |

5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity | |
|-------|-------|------|-----------------------|-------------|-------------|
| | | | | Period From | Period To |
| 1 | B | 2.59 | 2010 | 04-Sep-2010 | 03-Sep-2015 |
| 2 | A | 3.01 | 2016 | 05-Nov-2016 | 04-Nov-2021 |

| | |
|---|-------------|
| 6. Date of Establishment of IQAC | 17-Sep-2011 |
|---|-------------|

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 |
| To consider Student-Teacher & Teacher-Guardian Meeting in the College on quarterly basis. | 14-Sep-2018 1 | 50 |
| To consider functioning of two courses running in | 14-Sep-2018 1 | 17 |

| | | |
|--|------------------|----|
| the College under Community College scheme of Aryabhatta Knowledge University (AKU), Patna and one another vocational course: Industrial Chemistry (LNMU). | | |
| To consider the constitution of a functional Research Council at the College level to improve research activity among teachers. | 14-Sep-2018 1 | 17 |
| To consider starting Computer awareness classes for students and training programme for Teaching and Non-Teaching employees of the College including e-learning. | 14-Sep-2018 1 | 17 |
| To consider promotion of Sanskrit as a scientific language. | 14-Sep-2018 1 | 17 |
| To consider the initiation of the process of opening Centre of National Skill Development Corporation in the College. | 14-Sep-2018 1 | 17 |
| To consider submission of proposals for Seminar, Workshop, Conferences to the UGC and other funding agencies. | 14-Sep-2018 1 | 17 |
| To consider submission of AQAR to the NAAC for the Year 2016-17 and 2017-18. | 14-Sep-2018 1 | 17 |
| View File | | |

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 |
|--------------------------------|--------|----------------|-----------------------------|--------|
| Physics | 12 | UGC | 2018 1 | 0 |
| View File | | | | |

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

Yes

| | |
|--|---------------------------|
| Upload latest notification of formation of IQAC | View File |
| 10. Number of IQAC meetings held during the year : | 2 |
| 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 | View File |
| 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)

1. To consider submission of proposals for Seminar, Workshop, Conferences to the UGC and other funding agencies. 2. To consider the initiation of the process of opening Centre of National Skill Development Corporation in the College. 3.To consider StudentTeacher TeacherGuardian Meeting in the College on quarterly basis. 4. To consider promotion of Sanskrit as a scientific language. 5. To consider starting Computer awareness classes for students and training programme for Teaching and NonTeaching employees of the College including elearning.

[View File](#)

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

| Plan of Action | Achivements/Outcomes |
|--|--|
| To consider starting Computer awareness classes for students and training programme for Teaching and Non-Teaching employees of the College including e-learning. | The proposal was accepted and the Chairman was authorized to come with a detailed proposal in the next meeting. |
| To consider organizing of Induction class at the beginning of each session. | All members agreed and it was decided to start it this year itself. |
| To consider effective measures to improve and ascertain class attendance of students. | It was decided to call a meeting within a month in this regard. It was also decided to initiate prompt measures to make 75% attendance compulsory. |
| To consider promotion of Sanskrit as a scientific language. | All members agreed to promote it. It was decided to delegate the Co-Ordinator with the responsibility of making proposals in the matter. |
| To consider Student-Teacher & Teacher-Guardian Meeting in the College on quarterly basis. | It was approved and Principal was authorized for necessary action. |

| | |
|---|--|
| To consider updation of College website. | It was resolved to consider updation of College website. The Principal was authorized to take necessary steps in this regard. |
| To consider the initiation of the process of opening Centre of National Skill Development Corporation in the College. | In this connection, it was decided to accelerate the pace of implementation of the previous decision. |
| To consider submission of proposals for Major/Minor Research Project/s to UGC. | Approved unanimously. |
| To consider submission of proposals for Seminar, Workshop, Conferences to the UGC and other funding agencies. | It was decided to request the Heads of different faculties to participate and put forth their inputs at the proposed meeting of the Heads with the Principal. |
| To consider submission of AQAR to the NAAC for the Year 201617 and 201718. | It was resolved by members to submit the AQAR of Year: 201617 with suggested correction/s. It was decided that the AQAR for the Year 201718 be prepared by CoOrdinator with the consent of the Principal and produced in the next meeting. |
| View File | |

| | |
|---|-------------|
| 14. Whether AQAR was placed before statutory body ? | No |
| 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 | 19-Feb-2019 |
| 17. Does the Institution have Management Information System ? | No |

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

At the beginning of each academic session, college prepares its proposed academic calendar, which is uploaded in the college website. The proposed academic calendar is prepared according to the notices and circulars received

from the affiliating university. Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curricular, extension related and co-curricular activities. Orientation programme is organized every year for newly admitted students to make them aware of the mechanism for curriculum delivery and implementation. Routine committee of the college prepares the master routine and circulates it to different departments. Routine is prepared by the routine committee for all generic courses, all programs and honours classes of arts departments (since arts departments use shared classrooms). Classes for honours courses of science departments are scheduled by the concerned departments after considering the allotted generic courses and programs of the master routine.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employability/entrepreneurship | Skill Development |
|------------------------------|------------------------------|-----------------------|----------|---|-------------------|
| Non-Formal Sanskrit Teaching | NA | 01/08/2018 | 180 | employability | Skill Development |
| NA | Non-Formal Sanskrit Teaching | 01/08/2018 | 365 | employability | Skill Development |

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---------------------------|--------------------------|-----------------------|
| Mtech | NA | 01/01/2019 |
| View File | | |

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 |
|----------------------------------|--------------------------|---|
| MSc | Physics | 02/07/2018 |
| MSc | Chemistry | 02/07/2018 |
| MSc | Botany | 02/07/2018 |
| MSc | Zoology | 02/07/2018 |
| MSc | Mathematics | 02/07/2018 |

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

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 99 | 99 |

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 |
|---------------------------|----------------------|-----------------------------|
| NA | 01/01/2019 | Nil |
| View File | | |

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 | NA | Nil |
| View File | | |

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| | |
|-----------|-----|
| Students | Yes |
| Teachers | Yes |
| Employers | Yes |
| 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 |
|--|
| Feedback on the teaching-learning process is received from students as Students satisfaction survey based on a structured questionnaire framed and approved by the IQAC of this college. The questionnaire can be downloaded from the website and Students can drop their filled in feedback form in the feedback receiving boxes present in the college campus. The received feedback is then analyzed by the IQAC and uploaded to the college website and it is also forwarded to the Head of the institution with necessary suggestions based on this feedback. Teachers provide informal as well as formal feedback to the head of the institution on different academic, administrative and other affairs related to the college. |

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|---------------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| MSc | MSc | 360 | 500 | 350 |
| BSc | BSc | 1090 | 1500 | 1080 |
| View File | | | | |

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 | 1080 | 350 | Nil | Nil | 31 |

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 |
|--|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 31 | 18 | 10 | 8 | 8 | 1 |
| View File of ICT Tools and resources | | | | | |
| No file uploaded. | | | | | |

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

There is no any mentoring System available in the Institution.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 1430 | 31 | 46:1 |

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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 52 | 31 | 21 | Nil | 29 |

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 | NA | Assistant Professor | NA |
| View File | | | |

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 |
|---------------------------|----------------|----------------|--|---|
| BSc | BSc | 2018 | 28/04/2018 | 29/06/2018 |
| MSc | MSc | 2018 | 01/06/2018 | 15/08/2018 |
| View File | | | | |

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

Group discussions, PowerPoint presentations, debate competition, dissertations, short-term field tours and report preparation, assignments etc.

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

The institution is an affiliated college. Examinations are conducted at the end of each academic year by the affiliating University. College informs students about the university notices and circulars related to the examinations from

time to time through student notice board, departmental notice boards, college website and also verbally by the faculty members of the department. All departments conduct internal assessment of students and students are well informed about these internal examinations well in advance by the department. Internal assessment dates are also provided by the college in the proposed academic calendar prepared at the beginning of each academic session, which is uploaded in the college website.

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.cmssc.ac.in>

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 |
|----------------|----------------|--------------------------|---|---|-----------------|
| BSc | BSc | Physics | 112 | 91 | 81.25 |
| BSc | BSc | Chemistry | 108 | 80 | 74 |
| BSc | BSc | Mathematics | 119 | 96 | 80.67 |
| BSc | BSc | Zoology | 114 | 70 | 61.40 |
| BSc | BSc | Botany | 50 | 45 | 90 |
| MSc | MSc | Physics | 104 | 74 | 71.15 |
| MSc | MSc | Mathematics | 118 | 109 | 93.37 |
| MSc | MSc | Zoology | 107 | 71 | 66.35 |
| MSc | MSc | Botany | 12 | 5 | 41.66 |
| MSc | MSc | Chemistry | 69 | 51 | 73.91 |

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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)

<http://cmssc.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 |
|-----------------------|----------|----------------------------|------------------------|---------------------------------|
| Any Other (Specify) | 0 | NA | 0 | 0 |

[View File](#)

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 |
|---------------------------|-------------------|------------|
| NA | NA | 01/07/2018 |

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 |
|---------------------------|-----------------|-----------------|---------------|----------|
| NA | NA | NA | 01/07/2018 | 0 |
| View File | | | | |

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 |
|---------------------------|------|--------------|----------------------|--------------------|----------------------|
| NA | NA | NA | NA | NA | 01/07/2018 |
| View File | | | | | |

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| Bihar | 0 | 0 |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Chemistry | 6 |
| Botany | 3 |
| Zoology | 3 |
| Hindi | 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 | Physics | 4 | 5.27 |
| National | Hindi | 2 | 0 |
| National | Maithili | 1 | 0 |
| View File | | | |

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 |
|---------------------------|-----------------------|
| Botany | 1 |
| Hindi | 1 |
| View File | |

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 |
|--------------------|----------------|------------------|---------------------|----------------|---|---|
|--------------------|----------------|------------------|---------------------|----------------|---|---|

| | | | | | | |
|---------------------------|-----|-----|------|---|-----|-----|
| Nil | Nil | Nil | 2018 | 0 | Nil | Nil |
| 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 |
|---------------------------|----------------|------------------|---------------------|---------|---|---|
| Nil | Nil | Nil | 2018 | Nil | Nil | Nil |
| View File | | | | | | |

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

| Number of Faculty | International | National | State | Local |
|---------------------------|---------------|----------|-------|-------|
| Presented papers | 2 | 3 | Nil | 5 |
| View File | | | | |

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 |
|---|--|--|--|
| Awareness Program for Student Welfare scheme of Central | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | 6 | 250 |
| Polio Awareness Program | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | 8 | 260 |
| Environmental Awareness program | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | 6 | 350 |
| Beti Padhao Beti Bachao | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | 10 | 300 |
| Traffic Awareness Program | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | 12 | 200 |
| Blood donation Camp | Organised by CM Science College Collaborated with Dr. Prabhat Das | 15 | 50 |

Foundation

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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 |
|----------------------|-------------------|-----------------|------------------------------|
| Nil | Nil | Nil | Nil |

[View File](#)

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 |
|---|--|---|--|--|
| Awareness Program for Student Welfare scheme of Central | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | Awareness Program for Student Welfare scheme of Central | 15 | 50 |
| Polio Awareness Program | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | Polio Awareness Program | 12 | 200 |
| Environmental Awareness program | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | Environmental Awareness program | 10 | 300 |
| Beti Padhao Beti Bachao | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | Beti Padhao Beti Bachao | 6 | 350 |
| Traffic Awareness Program | Organised by CM Science College Collaborated with Dr. Prabhat Das Foundation | Traffic Awareness Program | 8 | 260 |
| Blood donation Camp | Organised by CM Science College Collaborated | Blood donation Camp | 6 | 250 |

with Dr.
Prabhat Das
Foundation

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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 |
|--------------------|-------------|-----------------------------|----------|
| Nil | 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 |
|-------------------|----------------------|---|---------------|-------------|-------------|
| Nil | Nil | Nil | 01/07/2018 | 01/07/2019 | 0 |

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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 |
|----------------------------|--------------------|----------------------|---|
| Dr. Prabhat Das Foundation | 10/07/2018 | Extension Activities | 100 |

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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 |
|--|--|
| 9.24 | 9.24 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|---|-------------------------|
| Value of the equipment purchased during the year (rs. in lakhs) | Existing |

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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 |
|---------------------------|---|---------|--------------------|
| Library Management System | Partially | 2 | 2018 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|------------|-------|-------------|-----|--------|-------|
| | Text Books | 36896 | 1168960 | 580 | 116000 | 37476 |

[View File](#)

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 & 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 | Nil | Nil | 01/07/2018 |

[View File](#)

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 | 38 | 2 | 18 | 2 | 0 | 16 | 8 | 0 | 0 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 38 | 2 | 18 | 2 | 0 | 16 | 8 | 0 | 0 |

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

| |
|---------------|
| 20 MBPS/ GBPS |
|---------------|

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 | http://cmssc.ac.in/ |

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 |
|--|--|--|--|
| 3 | 3 | 4.39 | 4.39 |

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 style="text-align: center;">Construction, maintenance and repairing of academic buildings, library, classrooms, electrical appliances and other physical infrastructure of the College is done by the Development/Building committee of the College, It intimates the construction, maintenance and repairing related requirements, as and when required. While purchasing an equipment from any fund, it is always ensured that the installation charges and aintenance charges (within warranty</p> |
|--|

period) are provided by the company, which delivers the equipment. Such clause is inserted in the work order of the equipment.

<http://cmsc.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 | State Govt. Free Education Scheme | 868 | 962612 |
| Financial Support from Other Sources | | | |
| a) National | National Scholarship | 362 | 362000 |
| b) International | Nil | Nil | Nil |
| View File | | | |

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 |
|---|------------------------|-----------------------------|-------------------|
| Nil | 01/07/2018 | Nil | 0 |
| View File | | | |

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

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|---------------------------|--------------------|--|--|--|---------------------------|
| 2018 | Nil | Nil | Nil | Nil | Nil |
| View File | | | | | |

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 |
|---------------------------|--------------------------------|---|
| 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 | Name of organizations visited | Number of students participated | Number of students placed |
| Nil | Nil | Nil | Nil | Nil | Nil |
| View File | | | | | |

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 | 49 | Bsc | Mathematics | CM Science, College | MSc |
| 2018 | 28 | Bsc | Zoology | CM Science, College | MSc |
| 2018 | 8 | Bsc | Botany | CM Science, College | MSc |
| 2018 | 32 | Bsc | Chemistry | CM Science, College | MSc |
| 2018 | 41 | Bsc | Physics | CM Science, College | MSc |

[View File](#)

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 |
|-----------|---|
| Any Other | Nil |

[View File](#)

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

| Activity | Level | Number of Participants |
|--------------|------------|------------------------|
| Table tennis | University | 30 |
| Chess | University | 72 |

[View File](#)

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 | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2018 | Nil | National | Nil | Nil | Nil | Nil |

[View File](#)

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

Student Council of the college is an elected body and always joins hands with faculty members and college administration to ensure overall development of the college. Students' council was appreciated by NAAC peer team members in April 2016 for maintaining a disciplined atmosphere in the college. NAAC peer team report and peer team members mentioned the college as a highly disciplined

institution. Student Council organizes different cultural programmes to observe important days such as "Swami Vivekananda's birthday", "Republic Day", "Rabindra Jayanti", "Nazrul Jayanti", "Independence Day" etc. in the college campus.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The institution has a mechanism of providing operational autonomy to various functionaries in order to ensure a decentralized governance system. 1. Principal Level Principal is the Head of the Institution and chairperson of the IQAC. The Principal in consultation with the Teachers' Council nominates different committees for planning and implementation of different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers council. 2. Faculty level Faculty members are given representation in various committees/cells nominated by the Teachers council, in the Governing body, in the IQAC and other committees. Every year, the composition of different committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty members. Following are the different sub-committees which have been nominated by Teachers' Council (2018-19): 1. IQAC Committee 2. NAAC Steering Committee 3. Alumni Association Cell 4. Placement Cell 5. Career Counselling Cell 6. Grievances Redressal Cell 7. Feedback Committee 8. Purchase Committee 9. Anti Ragging Prevention of Sexual Harassment Committee 10. NSS 11. Sports 12. Women's Cell 13. Academic committee 14. Admission committee 15. Examination Committee 16. NCC 17. Development/Building Committee 18. Magazine Committee 19. Cultural Committee 20. Proctorial Committee 21. Research expert Committee 22. Library Committee 23. Committee for SC/ST 24. Committee for OBC 25. Internal Compliant Committee 26. Minority Cell

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

No

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 |
|-----------------------|-------------------------------------|
| Teaching and Learning | To consider organizing of Induction |

class at the beginning of each session.

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

| E-governance area | Details |
|-------------------------------|--|
| Student Admission and Support | We are in Planning of Starting online Admission in next session. |

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 | Nil | Nil | Nil | Nil |
| View File | | | | |

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) |
|---------------------------|--|---|------------|------------|---|---|
| 2018 | Nil | Nil | 01/07/2018 | 01/07/2018 | Nil | Nil |
| View File | | | | | | |

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 |
|---|---------------------------------|------------|------------|----------|
| Nil | Nil | 01/07/2018 | 01/07/2018 | 0 |
| View File | | | | |

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

| Teaching | | Non-teaching | |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent | Full Time |
| Nil | Nil | Nil | Nil |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|----------|--------------|----------|
| Nil | Nil | Nil |

6.4 – Financial Management and Resource Mobilization

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

Yes, Institution Conducts Internal and External Audit regularly. The college has a mechanism for external financial audit every year on the end of financial

year. The College has a mechanism for Internal audit by Registered Charter Accountant every year on the end of financial year. The external audit is carried out by a Government auditor appointed by the department of Higher Education, Government of Bihar. There were no major objections raised by the auditor. Financial Audit also done by Affiliating University Lalit Narayan Mithila University, Darbhanga

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 |
|--|-------------------------------|---------|
| Nil | 0 | Nil |
| View File | | |

6.4.3 – Total corpus fund generated

| |
|---|
| 0 |
|---|

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 | No | Nil |
| Administrative | No | Nil | No | Nil |

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

The college believes in the academic, social, moral and cultural development of students by acquiring inputs from all stakeholders. Although the college does not maintain formally registered parent-teacher association, yet interactions of teachers with parents during parent-teacher meetings of different departments come up with new suggestions related to the overall development of the students. Teachers have been able to communicate with parents to prevent early marriages and other prejudices related to the drop-out of girl students. This has resulted in the increase in overall percentage of girl students in the college. Presently, the female students constitute 64 of the total undergraduate students.

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

Computer Awareness Program. Friendly Environment between Management and support Staff Stress free work Environment

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

ICT Techniques should be increased in teaching learning process. Post accreditation initiative: All departments have been provided new computers and printers to increase the use of ICT enabled teaching and learning. Computer-aided methods are now used by majority of the departments to deliver lectures. Construction of four new smart classrooms (Department of Chemistry, Physics, Botany and Zoology) has been completed and teaching-learning process has started in these two smart classrooms. Proposal for improvement of wash room facilities for students has been sent by the college to the state government.

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| 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 IQAC | Duration From | Duration To | Number of participants |
|------|---|-------------------------|---------------|-------------|------------------------|
| 2018 | To consider submission of proposals for Seminar, Workshop, Conferences to the UGC and other funding agencies. | 14/09/2018 | 14/09/2018 | 14/09/2018 | 17 |
| 2018 | To consider submission of proposals for Major/Minor Research Project/s to UGC. | 14/09/2019 | 14/09/2018 | 14/09/2018 | 17 |
| 2018 | 10. To consider organizing of Induction class at the beginning of each session. | 14/09/2018 | 14/09/2018 | 14/09/2018 | 17 |

[View File](#)

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 |
| Nil | 01/07/2018 | 01/07/2018 | Nil | Nil |

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 |
| 30 Percent of power requirement met by the renewable energy sources |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|---------------------|--------|-------------------------|
| Physical facilities | 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 | 4 | 4 | 15/08/2018 | 1 | Independence Day | local community | 250 |
| View File | | | | | | | |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|-------|---------------------|--------------------------|
| Nil | 01/07/2018 | Nil |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---------------------------|---------------|-------------|------------------------|
| Nil | 01/07/2018 | 01/07/2018 | Nil |
| View File | | | |

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

Adoption of Solar Energy System Plastic Free campus Make Campus Green and Clean. reduce to use Vehicle in the Campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices: I 1. Title of the Practice "To develop the Minority, DownTrodden and Backward students through polite and Practical knowledge". 2. Goal Benipatti is noted for extremely backward district and specially Uchchaith Village where our College is situated is on its top. Students taken admission here are not in responsible awareness to make themselves employable or job oriented. This is all due to their poverty and backwardness as they in 80 belong to the educationally backward area. Having felt so we decided to provide them the learning of spoken English and computer literacy, the demand in the present economic and professional era. As a result, they succeeded in developing their numbers in education. 3. The Context Our Institution had to face environmental problems such as - a) Since the region where our Institution is situated, is extremely minority primitive, lacking awareness, it was very difficult to attend their classes regularly and to join the extra classes, obtaining the knowledge of spoken English and computer education. For this all the staffs offered their precious time and brain. b) To make the students more practical and sensitized for job orientation, we needed some more out door teachers. we hired some professional Computer teachers to design and dazzle the mass of the students in whole. 4. Evidence of Success The Computer Education and Spoken English were provided to the students totally free during their U.G. Classes. As a result numerous students and even Girl Students got success in getting Government and Private jobs in various sectors such as in Defence, Administration, Banks proving themselves bonafide in personality in terms of English and Computer Education. 5. Practice: The College is tied up to follow only University Syllabus. However we aimed to develop employment through our meagre assets to our students. We started to Facilitate them Spoken English, Computer education and Communication skills, Signifying their justification and

importance. 6. Problems Encountered and Resources Required 1. Since the College is an affiliating Unit, we can't provide adequate facilities due to the lack of financial assistance, yet through our own resources in available status we tried to make our students more efficient. 2. As above mentioned we had to hire outdoor professional hands for computer education. Still we need more suggestions and assistance by the Capable institutions such as Governmental organization, U.G.C etc. to provide perspective prospect student to student. 7.

Notes We are awaiting the message and the suggestion of the NAAC for the betterment to install something appreciating and glorious. Best Practice II: 1. Title of the Practice Sustained emphasis on co- and extra-curricular activities

to stimulate all-round development 2. Goal The college engages in several cocurricular activities and education practices with the following objectives:

To encourage the holistic development of students To explore and bring to fruition the latent potential of each student and to provide an ambience for creative expression To provide a platform which facilitates smooth transition from college campus to higher education or the professional sector To provide optimum exposure to the cultural environment and develop a sense of cultural belonging To promote goodwill and interaction among all students and

teacherstudent interaction To inculcate the values of discipline and moral character To expose the students to new ideas of research and development To develop leadership skills and organizational abilities 3. The Context The motto

of our college has been "Knowledge leads to happiness" every effort has been made by our college to tap the hidden potential in the students and inculcate good human values. Since its inception, the college has been tirelessly engaged

in the task of creating a long and illustrious lineage of women achievers in every field of life. In order to achieve this purpose of all-round individual development, mere academic pursuit is not adequate. Therefore, alongside the

curricular programmes, extracurricular activities have been designed to ensure their cultural and moral well being. The college considers it its duty to provide value -based education and life-skills which will help to create individuals who can not only adapt themselves easily to an ever-changing society but can also provide leadership and guidance when necessary. 4.

Practice: Co- and extra-curricular Activities The college has always believed that an all-round educational development can only take place through a holistic approach. In this context, the college has taken the following steps:

The Fresher's Welcome is annually held in a 100 ragging-free environment. This is achieved by encouraging equal participation of the seniors and the new entrants in designing the programme. This fosters a strong bond between

freshers and seniors and creates a friendly ambience. The college upholds Indian tradition and heritage in all such events. In the present scenario of steadily degrading social values, our college has been able to maintain

distinction with regards to the quality and nature of such programmes. A strict discipline is followed during these programmes. Active participation of

teachers and their valuable guidance during the same also ensures meaningful achievements. These cultural programmes have been the platform where a lot of our students have discovered and realized their love for performing arts which

they have pursued professionally later in their lives. The college regularly observes the birth and death anniversaries of personalities of national interest like freedom fighters, scientists, moral leaders, educationists,

poets, writers etc. with a view to provide role models to the student community. The literary talents of the students find expression in the annually published college magazine and the wall magazines of the different departments.

5. Evidence of Success The quality education imparted by the college has resulted in it becoming one of the most sought after institutions for higher studies. This is reflected in the increased number of students admitted to the college each year. Over the years many students have benefitted from these practices and have been able to successfully complete their education as a result. Moreover, our efforts have also made it possible for many students to

tackle their personal and emotional problems and rise above them to carve out their individual identity. Our college is proud to have as its alumni countless prominent figures in the fields of academics, literature, art and culture, politics, administration and law, sports. They have not only carved out a niche for themselves but have also upheld the name of the college by utilizing the opportunities given to them. Their exemplary achievements have brought honour and glory to the college and reaffirmed its faith in the best practices mentioned above. We must have life building, man making, and character making assimilation of ideas. If you have five ideas and make them your life and character, you have more education than any man who has got by heart a whole library." 6. Problems Encountered and Resources Required The primary constraint in the implementation of the practices mentioned above is the shortage of time and space and the timely detection of students' needs. The college has to contend with a growing number of students and shortage of staff. This severely impedes the much needed one-to-one interaction between teacher and student. Shortage of laboratory space does not enable us to carry out short term laboratory projects after college hours. 7. Notes We are awaiting the message and the suggestion of the NAAC for the betterment to install something appreciating and glorious.

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

<http://cmsc.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

Being a constituent College, it follows the vision of the University/Government. The mission of the college is to impart quality education, with a stress on inculcating moral and cultural values in addition to scientific temper in student, so that employability of students may be enhanced in changing global scenario. Avowed goal of the College can be enumerated as follows: • To provide value based quality education to develop citizenship behavior in students. • Provide updated knowledge in the subjects. • To ensure access of higher education by all sections of society. • To protect, preserve and promote the cultural values/heritage. • To sensitize students towards social concerns like Human Rights, Right to Information, gender equality and also toward environmental issues. The following points are stressed upon : • to provide quality based education to all- especially the disadvantaged groups of the society. • to provide equal opportunity to both the genders and to all communities. • to develop skills in students for better employment prospects etc. Our aim is to actively involve all sections of society apart from the college staff in achieving ours goals. We try to develop awareness among disadvantaged group through NSS Unit of the college. These objectives are communicated to the students, teachers and staff through a. College Prospectus b. Organizing various programmes. c. The Print Media and Electronic media d. The College website

Provide the weblink of the institution

<http://cmsc.ac.in/>

8.Future Plans of Actions for Next Academic Year

Upgradation of existing laboratories and purchase of equipment to promote student projects and research activities of faculty members. This plan has been initiated at the beginning of session 2019-2020 and some equipment have been already purchased. Office automation to ensure an updated data management system in the college. Office automation has been planned to include an online archiving

of student, faculty and staff database with necessary details. Information related to financial assistance such as scholarships, fellowships are also planned for digital archiving. Complete digitization of the college library is also planned. Online feedback system is planned to be introduced from the academic session 2019-2020, the results of which will be analyzed by the IQAC. The college also aims to sincerely address the issues highlighted in the feedback reports. Organization of workshop, seminar and job oriented services by the Career Counselling and Placement Unit. The college plans to organize job interviews by local companies and also organize interactive sessions of final year students with skilled professionals and alumni. Organization of seminar and workshop by the IQAC to promote the quality improvement strategies in teaching learning, research, extension related and co-and extracurricular activities. IQAC is also planning to publish a handbook on quality assurance in this context for wide circulation. Encouraging faculty members to complete their doctoral degrees and to continue research activities through quality publications and research projects. Increasing the number of environment friendly initiatives by NSS and ensuring participation of maximum students in such initiatives. Promoting participation of students and staff in seminars, workshops, sports and cultural activities organized by the college and external agencies Promoting activities such as Yoga, physical exercise, meditation etc related to development of mental and physical fitness of students, faculty and staff.