



**INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)**

Accreditation - (Cycle - 3)

**PEER TEAM REPORT ON
INSTITUTIONAL ACCREDITATION OF
DR. G.R. DAMODARAN COLLEGE OF SCIENCE
C-41044
COIMBATORE
Tamil Nadu
641014**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA**

Section I:GENERAL INFORMATION

1.Name & Address of the institution:	DR. G.R. DAMODARAN COLLEGE OF SCIENCE COIMBATORE Tamil Nadu 641014	
2.Year of Establishment	1988	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	7	
Departments/Centres:	7	
Programmes/Course offered:	32	
Permanent Faculty Members:	206	
Permanent Support Staff:	68	
Students:	4151	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. The College is of autonomous status 2. Green campus and good Infrastructure with State-of-art facilities are there in the college 3. The college was in the top 100 colleges in the NIRF 2023.	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 29-11-2024 To : 30-11-2024	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. RAJEEV JAIN	Vice Chancellor,UNIVERSITY OF RAJASTHAN
Member Co-ordinator:	DR. DIBYOJYOTI BHATTACHARJEE	Professor,Assam University
Member:	DR. SUMIT MITTAL	Principal,Maharishi Markandeshwar (Deemed To Be University), Mullana
NAAC Co - ordinator:	Dr. Ruchi Tripathi	

Section II: Metric and Criterion Analysis

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrics(QIM) in Criterion1)	
1.1	Curriculum Design and Development
1.1.1 QIM	Curricula developed and implemented have relevance to the local, regional, national, and global developmental needs, which is reflected in the Programme outcomes (POs) and Course Outcomes(COs) of the Programmes offered by the institution
1.1.2 QIM	The programmes offered by the institution focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements
1.3	Curriculum Enrichment
1.3.1 QIM	Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum

Qualitative analysis of Criterion 1

The college is a private, self-financing, autonomous college and is affiliated to Bharathiar University. The college has 19 Undergraduate, 7 PG and 6 Ph. D Programs. The Academic Council and Boards of Studies of the college do necessary academic planning and curriculum development. The curriculum is updated based on the feedback received from stakeholders, alumni and industry. However, the broad structure of the curriculum is based on the UGC guidelines, the University and the State Council of Higher Education for UG and PG programmes. The PG Diploma in Entrepreneurship Development enables to develop the entrepreneurial skill of the students. To encourage entrepreneurship the college annually organizes several events which includes GRDMUN, Wolf of SCIB Street, Marketing Roadshow, Entrepreneurial symposium, Food Carnival etc. Along with the regular curriculum some skill-based and value-added courses are offered to the students along with their curriculum. A few such courses include- Association of Chartered Certified Accountants (ACCA), Business Analytics Course, Retail Management, Soft Skills, Digital Marketing etc. Some online courses through SWAYAM, NPTEL etc. are also offered to the students. For some of the Skill-based courses collaboration with external organizations are also seen which aims in improving the employability skill of the students. Students are encouraged to take up some live projects with some reputed business houses and media organizations. An in-house software called ASAS is in use for automated sitting arrangement of the students during exam. In the different events conducted in the college, extra-curricular events are also organized so as to groom the students' talents. Conferences and seminars, some of which of international level are also organized by the college. In connection to the community development program the institution has taken up events like GRD Swachhathon, Give What U Can, Tree plantation drives, visits to old age homes and orphanages etc. Some health-related programs and camps like anti-drug drive, healthy life style maintenance, Go Green initiatives, waste management are adopted by the college. Topics like environmental studies, women's rights, Gandhian thought, general awareness, people and culture of India are embedded in the curriculum. Themes on gender sensitivity, human values, professional ethics and environmental studies are also made a part of the curriculum either directly or through value added courses and is further emphasised through organizing of camps, workshops, industrial tours etc.

Feedback collected from the different stake holders like students, alumni, parents, teachers and employers are done.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.2	Catering to Student Diversity
2.2.1 QIM	The institution assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student
2.3	Teaching- Learning Process
2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT-enabled tools including online resources for effective teaching and learning process
2.3.2 QIM	The institution adopts effective Mentor-Mentee Schemes to address academics and student-psychological issues
2.3.3 QIM	<i>Preparation and adherence of Academic Calendar and Teaching plans by the institution</i> Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution.
2.5	Evaluation Process and Reforms
2.5.3 QIM	IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA)/Formative Assessment have brought in considerable improvement in Examination Management System (EMS) of the Institution Describe the examination reforms with reference to the following within a minimum of 500 words <ul style="list-style-type: none"> • Examination procedures • Processes integrating IT • Continuous internal assessment system
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution

Qualitative analysis of Criterion 2

Slow learners and advanced learners are identified in the college on the basis of performance of the students in H. Sc Exams, response of students towards classroom teaching and their performance in the Continuous Internal Assessment (CIA) tests. Special classes are arranged for slow learners and they are also put under constant monitoring under faculties as mentors. Confidence building talks, solving of previous years question papers, group study etc. are executed to improve the slow learners. The advanced learners are encouraged to enrol in MOOCs courses and to participate in debate, discussions, problem solving quiz programs, seminars, conferences etc.

Education is imparted to the students using the problem-solving methodology which includes- assignments and seminars. Several co-curricular activities like Sports and Games, Clubs, debates, group discussions are organized in the college. Projects and internships are an integral part of both UG and PG curriculum. The Institution has ICT-enabled classrooms to enhance teaching and learning. Mentor-Mentee practice is in place. Each student can discuss with his/her mentor the academic as well as non-academic problems. The mentors keep track of matters regarding the mentees' academic performance, progress in the completion of academic requirements, health problems and other grievances.

The college prepares the academic calendar at the beginning of every academic session. All the departments frame a plan of action for entire semester like- assignments, seminars, internship, skill-based training, social projects, FDP's, MDPs, industry interaction, projects, placement training and field visits based on the academic calendar. The exam schedule of the internal assessment and end-semester examination is also mentioned in the academic calendar. The Departments can schedule their activities in tune with the calendar.

Faculty members prepare lesson plans in advance for each of the subjects stating clearly the course content to be covered in each contact period.

The assessment of the students is conducted through– theory and practical exams, assignments, viva voce, activity-based assignments, research learning, MCQ Tests and seminars.

The evaluation process of the college for both the PG and UG programs are through CIA and End-semester examination. The examination process to a great extent is automated. Several exam related works like entry of marks, examinations scheduling, seating arrangement, attendance register, tabulation of marks, preparation of course-wise results etc. are automated. Supplementary Examinations are conducted within a month of the publication of results for the students who could not qualify the end semester examination.

The college uses a method similar to the Bloom's Taxonomy to compute the program outcome and course outcome. The college may conduct orientation program for the faculties to apprise them on outcome based education.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)	
3.1	Promotion of Research and Facilities
3.1.1 QIM	The institution's research facilities are frequently updated and there are well defined policy for promotion of research which is uploaded on the institutional website and implemented
3.3	Innovation Ecosystem
3.3.1 QIM	Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident
3.6	Extension Activities
3.6.1 QIM	Outcomes of extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues and holistic development, and awards received if any during the last five years (Showcase at least four case studies to the peer team)
	Describe the impact of extension activities in sensitising students to social issues and holistic development with four case studies within a maximum of 500 words

Qualitative analysis of Criterion 3

To develop a suitable environment for creation and transfer of knowledge and an ecosystem for research the institution has taken the following steps:

1. The management provide seed money to the departments and extends financial support to faculty members to attend national and international seminars, conferences and for journal publications.
2. The institute has signed MOU with some research institutes of the country to boost research activities

and collaboration. However, the outcome of such MOUs are yet to be realized.
3. Software training through Faculty Development Programs is also implemented.

In the institution, various activities are organized to promote students' holistic learning and to instil important values like Youth Parliament, Sustainable Development Goals, Model United Nation, Union Budget discussion, Formation of Startup etc.

The Business Lab helps the students to develop their entrepreneurial skills and enhance their skill as per the requirement of the recruiters. To gain knowledge and exposure of the students, the college invites renowned personalities from different fields of expertise, who share their experience with the students. To improve the aptitude and other employability of the students a separate set of trainers for placement training are involved.

The college has organized several awareness programs outside the organization on different government welfare schemes, gender equality, environmental issues, cleanliness, tree plantation etc. Some social service and health camps like eye checkup campaign, blood donation campaign, caring for animal welfare, educating on Good touch and Bad touch etc. Visit to old age / orphanage homes were also organized.

SWACHHATHON, an environmental awareness programme under Swachh Bharat, is organized by the college every year so as to maintain and protect the environment. The college has an active National Service Scheme (NSS) cell that encourages students to get engaged in the community service and develop a service-oriented mind-set. They adopted three villages in the district.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QIM	<p>The Institution has adequate infrastructure and other facilities for</p> <ol style="list-style-type: none"> 1. teaching – learning, viz., classrooms, laboratories, computing equipment etc 2. ICT – enabled facilities such as smart class, LMS etc. 3. Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.
4.2	Library as a Learning Resource
4.2.1 QIM	Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students
4.3	IT Infrastructure
4.3.1 QIM	<p>Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection</p> <p>Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words</p>
4.3.3 QIM	Institution has dedicated audio visual centre, mixing equipment, editing facility, media studio, lecture capturing system(LCS) and related hardware and software for e-content development
4.4	Maintenance of Campus Infrastructure
4.4.2 QIM	<p>There are established systems and procedures for maintaining and utilizing physical and academic support facilities – laboratory, library, sports complex, computers, classrooms etc.</p> <p>Describe policy details of systems and procedures for maintaining and utilizing physical, academic and support facilities within a maximum of 500 words</p>

Qualitative analysis of Criterion 4

Most of the class rooms of the college are equipped with ICT facilities like LCD projectors and Wi-Fi connection. The college has five seminar halls, guest house, placement halls, visitors room and board rooms in each block. The college has lift facility for staff and students but not in all the blocks. At different locations in the institute drinking water dispensers are installed. A few conference halls and an auditorium with proper acoustics is there. The campus is under CCTV surveillance. Ramps and wheel chairs are available for *divyanga* students. Department of Mass Communication has a theatre with all necessary facilities including a sitting capacity of 300 students. A Central Instrumentation Laboratory is there that has sophisticated equipment like Spectrophotometer, Low Freezer, PCR Machine etc. that can be used by students/researchers beyond the college. The college uses a Learning Management System (LMS) the academic process is managed through the LMS, Edu mange.

The library of the college is automated through an Integrated Library Management Systems (ILMS) through Edumange and OPAC package. However, only one system has OPAC installed in it. All the subscribers of the college library are provided with a barcoded card. At the entry point the authenticity of the visitor are verified using a digital scanning facility. RFID technology is also in place. Online resources like INFLIBNET

N-LIST, NDLI, SAGE PUBLICATION, IEEE, S-Net Clarity Platform can be assessed in the library. The library has subscription to several newspapers and periodicals on different languages in addition to large number of text and reference books. However, some recent editions of the reference books shall be procured. The library of the college has a reading hall to accommodate about 80 readers. The library timings need to be enhanced beyond college hours for hostellers.

For sports and cultural activities, the college has an auditorium with a seating facility of around 1200 spectators and an indoor stadium. The college also has a has Throw ball court, Volleyball court, Basketball court, Gymnasium and Fitness Centre. The college has a play-ground of its own for outdoor sports. There are separate hostels (one each) for boys and girls. The hostels are well furnished and Wi-fi enabled. The hostels have modernized and clean kitchen. There are eight computer labs and about 800 computer systems. There is a Language Lab in the college, S-Clarity software installed in the systems therein. For maintenance of lifts, air conditioners, water purifiers, CCTV, Power back up and intercom facilities the college has agreement with different service providers. However, the cleanliness of classrooms, labs, campus are looked after by the regular housekeeping staff. The college has transport facility that takes care of mobility of the students, teaching and non-teaching members from nearby places to the college.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
5.1	Student Support
5.1.2 QIM	Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations during the last five years
5.3	Student Participation and Activities
5.3.2 QIM	Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution. Describe the Student Council activity and students' role in academic & administrative bodies within a maximum of 500 words
5.4	Alumni Engagement
5.4.2 QIM	Alumni contributes and engages significantly to the development of institution through academic and other support system Describe the alumni contributions and engagements within a maximum of 500 words

Qualitative analysis of Criterion 5	
The college organizes workshops and seminars on various career-related topics, that are addressed by the industry professionals and academicians from premier institutions of the country and abroad. Evidence of some guidance in preparing students for competitive examinations through coaching, mock tests, study materials etc. can be seen.	
The college has an alumni association. There is indication of events and programs organized by the college are there who try to unite former students and use their expertise to inspire the current generation of the college. Alumni of the college shall be engaged in training and placement activities of the current students.	
The institution provides financial help to students facing financial difficulties and approach the management. The college has a Centralised Placement and Training Cell to ensure that students are prepared for the competitive world following completion of the college education. Furthermore, students who demonstrate exceptional merit are granted fee waivers and merit scholarships from the institution's own funds. Students	

with meritorious achievement in sports are provided with cent percent concession in fee structure. Players from far-off places are provided with free lodging and food facility.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.
6.2	Strategy Development and Deployment
6.2.1 QIM	The institutional perspective plan is effectively deployed and functioning of the institutional bodies are effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc
6.3	Faculty Empowerment Strategies
6.3.1 QIM	The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	Institutional strategies for mobilisation of funds other than salary and fees and the optimal utilisation of resources Describe the resource mobilisation policy and procedures of the Institution within a maximum of 500 words
6.4.3 QIM	Institution regularly conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the last five years with the mechanism for settling audit objections within a maximum of 500 words
6.5	Internal Quality Assurance System
6.5.1 QIM	Internal Quality Assurance Cell (IQAC)/ Internal Quality Assurance System (IQAS) has contributed significantly for institutionalizing the quality assurance strategies and processes, by constantly reviewing the teaching-learning process, structures & methodologies of operations and learning outcomes, at periodic intervals Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – <ul style="list-style-type: none"> • Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) • Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles) Describe two practices institutionalized as a result of IQAC initiatives within a maximum of 500 words
6.5.2 QIM	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms Describe any two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC within a maximum of 500 words each.

Qualitative analysis of Criterion 6

The institution has a well-defined mission and vision. It has a decentralized and participatory management system.

The Governance of the college follows a hierarchical approach with the Governing Council at the apex. The Governing Council is framed as per the UGC guidelines- having a member from the affiliating university and a representative from the UGC. The Governing Council approves all the academic and administrative plans that are through the other bodies below the Governing Council.

Lower in the hierarchy is the Academic Council. The Principal is the Chairperson of the Council. The decisions of the Board of Studies regarding curriculum, evaluation and extra-curricular activities are discussed and approved by the Academic Council if deemed to be fit.

Below the Academic Council is the Vice Principal's office that supervise the teaching and the administrative staff of the college. Below the Vice Principals office is the Board of Studies. The Board of Studies frames the syllabus of the different programs. Reviews and update the contents of various courses from time to time.

In addition to these there is a Finance Committee that looks after the income and expenditure of the institution and frames the budget related to expenditure and allocation of funds under different heads. However, the minutes of the committee has to get the approval of the Governing Council before implementation.

In addition to all these several other specific purpose committees like the Student Grievance Redressal, Anti-Ragging, Internal Compliance, Curriculum Planning and Evaluation, Admission, Library, Purchase, Hostel, Sports, Extension Activities, Examination and Student Welfare are also there. The recruitment of faculties in the college is held as per the guidelines of the UGC, Tamil Nadu Government, and the affiliating university.

There are well documented leave rules for both teaching and non-teaching staff. Several types of leave like Casual Leave, Medical Leave, Earned Leave, Duty Leave are there. The teachers and the librarians also have vacations at the end of every semester.

The college provides group medi-claim insurance policy for all staff. Interest free loan facility for employees, advances for festivals and laptops to the faculties are also provided. Travel grants/registration fees are sanctioned to faculties to present research papers at national or international conferences in India and abroad.

Funds accumulated by the college beyond students' fees include letting its premise to conduct various sports meets and tournament at collegiate level, school level, competitive examination. The college has a study centre of IGNOU, New Delhi.

Operating of electric vehicle, solar based power generation and waste water recycling units are seen in the college. The expenditure of the college and the receipts are regularly audited both by the internal and external auditor.

The IQAC ensures that all academic tasks are executed properly. IQAC organizes workshop and looks after collaboration of the college with other reputed academic institutions (of India and beyond) to boost research output. IQAC collects feedback from different stakeholders which are further analysed by them, that are later used as policy recommendation.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QIM	<p>Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.</p> <p>Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words</p>
7.1.3 QIM	<p>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • Biomedical waste management • e-Waste management • Waste recycling system • Hazardous chemicals and radioactive waste management
7.1.5 QIM	<p>Green campus initiatives include</p> <p>Describe the Green campus initiative of the institution including Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles , Pedestrian Friendly pathways , Ban on use of Plastic, landscaping with trees and plants etc in 500 words</p>
7.1.7 QIM	<p><i>The Institution has Differently-abled (Divyangjan) friendly, barrier free environment</i></p> <p><i>Write description covering the various components of barrier free environment in your institution in maximum of 500 words</i></p> <ul style="list-style-type: none"> • Built environment with Ramps/lifts for easy access to classrooms • Divyangjan friendly washrooms • Signage including tactile path, lights, display boards and signposts • Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment • Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading
7.1.8 QIM	<p>Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and such other diversities (within 500 words).</p>
7.1.9 QIM	<p><i>Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens</i></p> <p>Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 500 words.</p>
7.2	Best Practices
7.2.1 QIM	<p>Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual</p>
7.3	Institutional Distinctiveness

7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words
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Qualitative analysis of Criterion 7

The college has taken significant strides for the safety, security and instilling of confidence amongst the girl students. Several events are conducted by the college to ensure that the students are aware about the gender issues.

Some extension activities on different social issues, healthy practices and health awareness are conducted by the college through seminars, talks, walkathon etc. Girl Child Safety Day Pledge is organized in the institute in which students from all the classes took the pledge to provide safety to every girl child.

Plastics, metals, glass, cardboard wastes are segregated and sold to authorized vendors for their recycling. Paper wastes are sold to ITC for recycling purpose. Dustbins have been installed throughout the campus. E-wastes are disposed annually. The wastewater and sewage water treatment plant are there and the recycled water is then used for gardening. Vegetable and food waste are used for vermicomposting. The college is highly graded by Mahatma Gandhi National Council of Rural Education for environmental sustainability and waste management. Battery operated vehicles are used to remove garbage and electric equipment are used for cleaning the campus. The college has enough parking facility, it's a green and plastic free campus. Rain water harvesting is in place.

Most of the buildings are having lifts and ramps with steel railings for easy movement of the orthopedically especially abled students. Separate toilets and parking facility for specially abled persons are also there. The college celebrates days of national importance and several international days like the International Yoga Day, Ethnic day, Republic and Independence Day, Vivekananda Jayanti (National Youth Day), Teachers' day, National Voters' day etc. To apprise the newcomer students about the culture and working of the college, induction programme is conducted every year. Events like Youth Parliament, Social Service through NSS are organized in the college.

As best practices the college has documented its contribution towards social development. This includes interaction between students and local communities, knowledge sharing, identifying and solving local problems and undertaking of projects on local issues.

The distinctiveness of the college lies in the fact that the focus of the college is to prepare the students to face the real-life competition instead of concentrating solely on grades and curriculum completion. For that purpose, the college conducts various types of competitions and events like Creative Streaks, SCIB Bazaar, learning diary, film fest, hackathon etc.

Section III: Overall Analysis based on Institutional strengths, Weaknesses, Opportunities & Challenges (SWOC)

Overall Analysis

Strength:

- The sanctioned teaching and non-teaching positions are filled up.
- The college has some MoU with some of the industries especially for some skill-based courses.
- To gain knowledge and exposure of the students, the college invites renowned personalities from

different fields of expertise, who share their experience with the students.

- The college has both 2(f) and 12B recognition of the UGC
- This is an autonomous college
- The hostels have smart kitchens and entry to hostels by non-residents are restricted by flak barriers.
- An in-house software called ASAS is in use for automated sitting arrangement of the students during exam.
- There are 8 computer labs and about 800 computer systems.
- The college has free transport facility that takes care of mobility of the students, teaching and non-teaching members from nearby places
- The college campus is green and clean.
- The college campus is Wi-Fi and several classes have LCD projection facility.
- The college has reasonably good facility for both indoor and outdoor sports.
- Waste management process is in place.
- There are Solar Energy Panels, Rain Water Harvesting Facility and sewage treatment plants in the college.
- The college has some value added and skill enhancement programs
- The college has a reasonably good basketball team with achievements at the state and national level.
- Some patents are registered and published by the faculty members of the college.

Weaknesses:

- There is a decreasing trend observed in the enrolment of students in the college in some of the courses over the assessment period.
- The sitting arrangements for teachers need improvement.
- No basic science programs are offered by the college.
- Government /Non-government Funded External Research Projects are not there.
- Research publication by the college faculties is more in UGC-CARE indexed journals but in the SCOPUS and Web of Science indexed journals are minimal.

Opportunities:

- The College can explore the possibility of starting of basic sciences courses
- The College can take necessary initiative to start the courses on Artificial Intelligence and Machine Learning, Data Science, etc.
- The College can establish an Employees' Cooperative Society which can provide financial assistance to the employees beyond the support provided by the college administration.
- The college can undergo some promotional activities to attract students coming from other states.
- The college should establish a NCC unit for both boys and girls.

Challenges:

- Improving the quality of research publication of the teachers.
- Resource mobilization for research from different funding agencies.
- Starting of more number of courses on basic sciences
- Improving of hostel facilities.
- Consultancy activities need to be initiated.

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- The college is a science college so academic programs on Basic Science shall be started
- The Cader ratio shall be maintained as per the UGC Recommendation
- The teachers shall be more pro-active in the field of research and publish their work regularly in Scopus, Web of Science, SCI and in UGC CARE listed journals.
- Incubation and Innovation centres shall be more proactive.
- Teachers shall apply for funded research projects to different Government, Semi-Government and other organizations providing research grants.
- Boys' common room and girls' common room should be there in the college.
- The college should take necessary strides to start some professional and skill-based courses on Social Work, Law, Data Science and Artificial Intelligence.
- Promotion of more inter-college competitions and arranging inter-college cultural festivals is necessary
- Lab-safety rules shall be displayed in the labs and safety drills shall be done on a regular basis.
- Student's fellowship under different schemes of state and central government may be explored.
- Financial support from UGC and other Government funding agencies may also be explored.
- The Internal Complaint Committee (ICC) shall be formed in the college as per the guidelines of the UGC.
- Convocation/Graduation Day shall be conducted annually in the college
- The college shall establish a health centre with Medical Officer and supporting staff.
- The in-house research journal shall be displayed in a more prominent way in the college website

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	DR. RAJEEV JAIN	Chairperson	
2	DR. DIBYOJYOTI BHATTACHARJEE	Member Co-ordinator	
3	DR. SUMIT MITTAL	Member	
4	Dr. Ruchi Tripathi	NAAC Co - ordinator	

Place

Date