SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

RAMANUJAN COLLEGE

CR PARK MAIN ROAD, BLOCK H, KALKAJI
110019
www.ramanujancollege.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

June 2021

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Ramanujan College, formerly known as Deshbandhu College (Evening), is a constituent College of the University of Delhi (DU). The College is 100% funded by the University Grants Commission (UGC) and maintained by the DU since 1972. The College was accredited Grade "A" by the NAAC in its First Cycle in 2016.

Ramanujan College is located in South Delhi and is well connected with public transport and the metro. The College currently has approximately three thousand students enrolled in sixteen undergraduate programmes, namely: B. Com. (Honours); B. A. (Honours) in English, Political Science, Hindi, Applied Psychology, Philosophy and Economics; B. Sc. (Honours) in Statistics, Mathematics, Computer Science and Environmental Sciences; Bachelor in Management Studies; B. Voc. in Banking Operations/Software Development; and B. Com. and B. A. Programme.

Ramanujan College was awarded the DDU KAUSHAL (Deen Dayal Upadhyay – Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood) Kendra in 2016 by the UGC, under which two vocational courses were started in Banking Operations and Software Development.

The College offers short-term diploma, certificate, and executive development programmes on contemporary and skill-oriented themes to complement the regular graduation courses.

In 2017, the prestigious Teaching Learning Centre (TLC) was awarded to Ramanujan College by the Ministry of Education (MoE), under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme. The College is a pioneer in offering offline/online courses for faculty members of higher education institutions and research scholars across the country through the customised Learning Management System (LMS), designed by the College's Research Development and Services Cell. Approximately one lakh beneficiaries were trained through more than hundred programmes till date.

In 2018, the College conducted a Course on Human Rights, Environment and Ethics through its National Resource Centre (NRC), under the Annual Refresher Programme in Teaching (ARPIT) scheme of MoE. This Course was uploaded on MoE's MOOCs platform SWAYAM and 743 participants registered for it.

Ramanujan College is also the Study Centre of School of Open Learning (SOL), Non-Collegiate Women Education Board (NCWEB) and Indira Gandhi National Open University (IGNOU) for various courses.

Vision

DISCOVER, EMPOWER, TRANSFORM: BUILDING A BETTER WORLD

Ramanujan College is inspired by the life and work of Srinivasa Aiyangar Ramanujan, one of the world's greatest mathematicians. The College adheres to the core values of dedication, hard work and commitment as encapsulated in the motto of the University of Delhi – *Nistha*, *Dhriti and Satyam*. The vision of the College is imbued with the thoughts of great educationists like Mahatma Gandhi, Rabindranath Tagore and C.V. Raman.

The College envisions transforming society for the betterment of humankind; a society, where inclusive and collaborative research and learning is a constant process and which benefits humanity on a local, national and global level. The College believes in preserving democratic structure and cultural heritage along with practising new and innovative ways of synthesising the need for socio-cultural uplift and the creation of an egalitarian society with the pursuit of academic excellence and freedom.

Mission

The mission of Ramanujan College is:

1. To empower the students and teachers with the resources of knowledge creation and make them self-reliant.
2. To facilitate an innovative learning process, where learning is contextualised in the changes, needs and challenges of the real world.
3. To equip the students with a mature mind and heart, capable of critical thinking, innovation and experimentation that enable them to become leaders.
4. To ignite the minds of the students to discover their individuality, improvise and acknowledge diversity.
5. To help the students build meaningful careers by strengthening their employability skills.
6. To pledge a commitment to build a bond with nature, fellow beings and their own deeper selves.
7. To ensure the advancement of learning by interdisciplinary approach, capacity-building programmes and world-class research facilities.
8. To groom the teachers to be leading academicians and excellent researchers.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Ramanujan College has grown into a **self-sufficient** and **self-reliant** institution owing to its academic vigour and intellectual capital.
2. The College, through its Teaching Learning Centre (TLC), has **pioneered blended teaching-learning with an efficient in-house Learning Management System** (LMS).
3. Ramanujan College is a leading institution for **capacity building** of teachers in higher education with more than **1,00,000 beneficiaries** across the country.
4. **Ramanujan International Journal of Business and Research** (RIJBR), **enlisted in UGC-CARE List**, has a dedicated Website, which facilitates the online administration of the entire process of publication. The other peer-reviewed journal, **International Journal of Applied Ethics** (IJAE) has been in publication since 2010.
5. The College nurtures a vibrant environment, active teamwork and timely cooperation among the **highly qualified and efficient staff**.
6. Free flow of information and a systematic decision making process, channeled through the key constituents of the College, results in **participative management**.
7. The open, interactive and transparent manner of functioning of the College has ensured **negligible student grievances**. Grievances, if any, are systematically addressed.
8. The College has instituted the **Research Awards** to incentivise high quality research publication by teachers and the **Ramanujan College Achievement Awards** for both teaching and non-teaching staff for innovative teaching and administrative reform.

9. The College offers **professional courses** in Management Studies (BMS) and two Vocational (B.Voc.) Programmes in Banking Operations and Software Development. The Vocational Courses, designed and developed in-house, have trained students for skill enhancement and provided opportunities for industrial interface.
10. The College has designed various enriching **certificate/diploma/executive development programmes** for students' skill development. The students participate enthusiastically in these courses.
11. The College has a **robust ICT infrastructure** for academics and administration, which is constantly upgraded.
12. The College has a **green and clean campus** with policies for waste-management and eco-friendly practices.
13. Ramanujan College's Official **YouTube channel** has more than 6.5 million views and approximately **21,000 subscribers**.

Institutional Weakness

1. The construction of the College campus has only been partially completed, which is a major obstacle for the Institution in executing its future plans.
2. Delay in the process of permanent appointments of teachers.
3. There is no provision under the University of Delhi for offering Masters courses and Ph.D. in colleges. This limits the possibility of generating a robust research culture in the College.
4. It takes decades to create perception in the consciousness of the larger society, which is not in the favour of a 'young' Ramanujan College.
5. The lack of a pure science department in the College impacts its research publication potential. It is pertinent to mention that publications in Hindi and Punjabi are not featured in the SCOPUS indexed journal.
6. There is no provision of a large-capacity auditorium and adequate playground in the Government approved Master Plan of the College campus, which is an impediment for the College to organise large-scale programmes.
7. Due to the phased construction of the Campus building, the College is not able to provide sufficient space to the various Cells and Societies.

Institutional Opportunity

1. Ramanujan College had the distinction of being selected as the nodal centre to oversee the entire admission process of BMS, BBE and BBA (FIA) courses of the University of Delhi in 2016. It was an opportunity for the College to successfully organise Group Discussions and Personal Interviews for approximately 5000 short-listed candidates across India, which brought the College into the limelight.
2. The introduction of the BMS, vocational courses like B.Voc. (Banking Operations) and B.Voc. (Software Development), has established the College as a sought-after institution for professional undergraduate programmes.
3. In 2017, the College was awarded the prestigious TLC by MoE, under the PMMMNMTT scheme, which was an excellent opportunity to reach out to the teachers in higher education through academic training programmes. This helped the College attain a national level presence.
4. Due to the challenging circumstances created by Covid-induced lockdown, all the TLC programmes were shifted to online mode. The TLC has conducted more than 100 national level programmes till date. Through the in-house **efficient and scalable LMS**, the TLC has been able to reach the unreached.

5. The College has taken the opportunity to use its rooftop spaces to install solar panels, in a UGC approved project, to **generate 130 KV electricity** supplied to the city GRID.

6. The number of students being placed in MNCs and well reputed organisations have significantly increased because of the efforts and policies of the **Placement Cell**. It has also developed a Personality Development Course to boost students' participation in recruitment processes. The Cell also counsels for higher studies and career advancement.

7. The College seeks to offer **new courses** relevant in contemporary times.

8. The College has built favourable institutional perception through outreach and extension activities. The College's YouTube Channel has created a **free platform for mass education**.

9. The College has collaborated with eminent academic institutions in India and abroad for **faculty-student exchange programmes**.

Institutional Challenge

1. The College follows the curriculum prescribed by the University of Delhi. The ever-evolving contemporary demands of the students have to be bridged by adding relevant value-added courses/programmes.

2. With an incomplete construction of the building plans and lack of hostel facilities, accommodating students from remote parts of the country in the campus is a challenge.

3. There is a need for high quality interdisciplinary research in all the Departments of the College.

4. The delay in permanent appointments of teaching faculty has made retention of good teachers a challenge for the Institution.

5. The short tenure of the Governing Body members is a challenge in terms of stability and continuity in policy decisions.

6. It is a challenge to balance the increasing co-curricular and administrative responsibilities, along with mandatory academic commitments.

7. With the increasing online courses and the number of participants, it is a challenge to improve reliability and scalability in IT infrastructure.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

1. Being a constituent college of the University of Delhi, Ramanujan College strictly implements the syllabus as is notified by the DU.

2. Every semester, timetables are prepared according to the workload specified in the UGC Regulations. Each department distributes the classes to the teachers, keeping in mind their specializations and expertise.

3. Within the broad framework of the University's Annual Academic Calendar, every department of the College designs its individual detailed Academic Calendar and timetables before the commencement of the session for smooth and effective functioning.

4. The seamless execution of curriculum delivery is ensured through departmental meetings where detailed Lesson Plans are chalked out and appropriate pedagogy for each paper is identified.

5. A system of mentor-mentee allocation and identification of advanced and slow learners has been designed by the College for promoting peer learning and developing a more personalised teacher-student collaboration.

6. Continuous Internal Evaluation of students is done by the faculty members through innovative teaching pedagogies and techniques.

7. The College offers a number of short-term diploma, certificate, and executive development programmes on contemporary and skill-oriented themes which are conceived and designed by faculty members in consultation with external experts.

8. Some teachers of the College are a part of the curriculum design and paper setting committees of the University of Delhi. The College departments regularly communicate to the University regarding the curriculum.

9. Issues of professional ethics, gender, human values, environment and sustainability are weaved into the pedagogy. The Centre for Ethics and Values and the School of Happiness are two unique initiatives of Ramanujan College. The College also has the Centre for Human Rights and Environmental Studies, Women Development Cell (WDC) and Tatva, the Eco Club.

10. Ramanujan College was awarded the Highest Ranking in NIRF 2019 in the "Outreach and Inclusivity" (College Category).

11. The IQAC has designed and maintained a Continuous Feedback System for the stakeholders.

12. Since the last one year, all the classes are held in the online mode via the Microsoft Teams platforms, providing a single interface for the entire College.

13. As a measure to improve curriculum planning and implementation, teachers participate in faculty enrichment programmes/workshops.

Teaching-learning and Evaluation

1. At Ramanujan College, an interactive teaching-learning process has been a constant motivation that leads to academic enrichment. It is evident through the increasingly better performances of the students in the University exams, final placement outcomes and enrolment for the higher studies in the last five years.

2. The College enrolls students as per the approved sanctioned strength and reservation policies of the Government of India pertaining to SC/ST/OBC/EWS and PwD applicants.

3. The teachers experiment and employ varied inclusive approaches to cater to diverse learners. These approaches include mentor-mentee programmes, slow-advanced learner programmes, counselling sessions, classroom activities/interactions, remedial/tutorial sessions and peer learning.

4. The College has a strong ICT infrastructure and teachers participate in basic and advanced ICT training programmes.

5. The teachers augment the conventional teaching method with ICT-based techniques. They are also integrated with innovative pedagogies like flipped classroom, blended learning, real world applications, case discussions, role plays, micro-research projects.

6. Special talks, conferences/seminars, workshops, projects and panel discussions are parallelly organised to provide experiential learning, exposure to practical aspects and advances in research.

7. Internships, within and outside the College, are encouraged as a part of student-centric methods of curriculum delivery.

8. Continuous Internal Evaluation of students is done through innovative techniques like presentations, debates/discussions, case studies, role play, field visits, projects and research papers.

9. The compulsory Personality Development Course helps the students to groom their personality and extra-curricular activities facilitated by College societies to hone their organizational and leadership skills.

10. The College has a high percentage of full-time teachers out of the total sanctioned posts. The faculty is young and dedicated, full of potential to achieve higher academic growth.

11. The academic faculty are well qualified with commendable teaching and research experience.
12. The students provide feedback in every semester for curricular aspects and infrastructural facilities.

Research, Innovations and Extension

1. Research, innovation and extension are the focus areas of the Institution's academic endeavours.
2. The College supports the teachers to undertake doctoral/post doctoral studies and quality research publications.
3. To recognise research contributions, the IQAC has instituted research awards and incentives in various categories. There has been a steady increase of publications in SCOPUS/Web of Science indexed journals in the past few years.
4. The UGC, DU and NAAC have sanctioned funds for research projects and conferences/workshops.
5. The College has successfully completed seven Innovation Projects and five Star Innovation Projects funded by the University of Delhi.
6. All the departments of the College engage in conducting discipline specific and interdisciplinary seminars/conferences and workshops.
7. Several teachers have completed Ph.D and other higher qualifications. Some teachers are supervising doctoral and M.Phil scholars.
8. The Teaching Learning Centre has conducted more than hundred programmes, both individually and in collaboration. Through these induction/orientation programmes, FDP(s), workshops/seminars/conferences, the College has trained approximately one lakh teachers.
9. In 2019, the College signed Memorandum of Understanding (MoU) with two premier International Universities: (i) MCI Management Centre Innsbruck, Austria; and (ii) Western Sydney University, Australia for the student exchange programmes.
10. In the light of the College's vision, outreach and extension activities form an integral component of the Annual Calendar. The Outreach Committee was constituted to promote education and awareness among underprivileged.
11. The College has adopted a slum area in Vasant Vihar (Coolie Camp), in collaboration with the NGO Rupantaran, and a neighbourhood slum in Govindpuri.
12. The College supports the departments, centres, cells and societies to undertake social outreach programmes at regular intervals.
13. The Centre for Social Innovation has launched Paathshaala - Ek Kadam Saksharta Ki Ore to academically support the slum children.
14. The student volunteers of **National Service Scheme (NSS)** take the initiative to regularly organise extension activities, awareness campaigns on social issues and donation drives, especially to help people affected by natural calamities.
15. The College scored highest in NIRF Rankings 2018 in Outreach and Inclusivity (College Category).

Infrastructure and Learning Resources

1. Ramanujan College campus is 7 acres of area. The built-up area is 2.64 acres. The rest is open space, including a playground, pathways, parking and gardens.
2. The College has a newly constructed four-storey building, a service block, porta cabins, tiled parking area, gardens, playgrounds, underground rainwater harvesting tank and a boundary wall with two main gates.
3. Ramanujan College has been constantly augmenting its infrastructure and physical facilities to enhance

the quality of teaching-learning process.

4. New classrooms, labs, library and office spaces have been added. All the classrooms, computer labs, conference hall and seminar rooms are IT-enabled with projectors and screens.

5. The College has five well-equipped computer labs with an effective student-computer ratio of 3:1.

6. The Robotics Lab is equipped with the latest IT infrastructure for training students in computer applications and robotics. The Accounting and Finance Lab has also updated Software that is being used.

7. The College Library is fully automated with open source Library Management System, KOHA. The library subscribes to the N-List, DELNET, NDL and NPTEL and provides KINDLE, ebook reader, to students.

8. The TLC has developed and updated IT infrastructure in terms of Artificial Intelligence, Cloud Computing, Blockchain and Simulation. A TLC lecture theatre has been created, with the latest technology, like LAN, smart board, gooseneck microphones and speakers to encourage productive conversation.

9. The Media Lab has state-of-the-art sound-proof studio, with production and post-production equipment. Touch-screen interactive panel is a recent addition.

10. The Department of Physical Education and Sports Sciences manages the available sports infrastructure, including a playground, a cricket field with standard pitch, practice nets and a well-equipped gymnasium. The office of the Director of the Department of Physical Education and Sports Sciences is computerised.

11. Each cultural society has been allotted space within the campus to practise, conduct meetings and plan their programmes.

12. The Staff Council constitutes a number of committees and subcommittees that oversee and supervise the utilization and maintenance of the support facilities.

13. Students fill up a survey form related to IT and other infrastructure (library, sports, building, canteen), which is an important aspect for systematic assessment of existing facilities.

Student Support and Progression

1. Ramanujan College has instituted statutory and other mechanisms to support and cater to a large spectrum of students from different parts of the country and their well-being has been a central concern.

2. The Admissions Committee (Grievances) addresses admission-related grievances of applicants. Anti-Ragging Committee ensures adequate awareness and immediate redressal of grievances, if any.

3. Students can direct any disciplinary issue to the Discipline Committee. The entire campus is under continuous CCTV surveillance.

4. The Internal Complaints Committee is vigilant regarding prevention of sexual harassment and provides a safe interface to the complainants.

5. The Student's Fund renders financial assistance to economically weaker students. They are provided free laptops and books.

6. Students in SC/ST/OBC categories receive financial assistance from the government.

7. Teachers support students in their academic endeavours through regular tutorials, remedial and doubt sessions, conducted in small groups (slow/advanced learners).

8. Students are counselled and mentored regarding any personal issues and career choices (mentor-mentee programme).

9. Soft skills, life skills, ICT skills and other co-curricular courses are periodically conducted by the College to enhance and enrich the learning outcomes.

10. A fully functional and active Alumni Association, registered under the Societies Registration Act, 1860,

provides need-cum-merit scholarships. Departments regularly organise alumni meets.

11. The Placement Cell is instrumental in providing internship and final placement opportunities to students. It also conducts a compulsory personality development course, career counselling sessions and job fairs.
12. There has been a steady increase in the number of student internships and job placements.
13. In the last five years, the total number of courses have increased along with the number of students passing with higher CGPA. While higher education in institutions of repute has been a popular career option, students also choose professional courses for enhancing their skill sets.
14. More than 50 Centres, Cells, and Societies are proactively managed by student members, which contributes greatly to the holistic development of all the students through sports and extracurricular activities, training workshops, and competitions.
15. The College has a record of university/state/national/international level awards for outstanding performance of students in sports and cultural activities.

Governance, Leadership and Management

1. In-built within the hierarchical structure of governance, as mandated by the University of Delhi, the institutional decision-making process is democratic and collective.
2. The Governing Body has two teacher representatives as its members, who voice staff and student perspectives on the agenda of discussion.
3. All quality control measures of IQAC are initiated and implemented by the teacher members. They are instrumental in conducting Academic, Administrative and Green Audits.
4. The IQAC has introduced Ramanujan Achievement Awards for teaching and non-teaching staff members to incentivise research, publications and innovative administrative reforms.
5. The Staff Council, which is a statutory and the highest decision-making body of the College, constitutes a number of committees and subcommittees dedicatedly working towards realising the vision and mission of the College. The decisions regarding admission, time-table, examinations, extracurricular activities and sports and purchases are routed through the Staff Council.
6. The teachers take decisions individually or collectively as a department/committee regarding academic programmes, research and extra-curricular activities.
7. The broad policies of the College are based on the University of Delhi policies. However, the institution has its own policies in place, wherever required.
8. The College follows the Roster sanctioned by the University of Delhi. The recruitment process is guided by the University Rules.
9. The University of Delhi announced promotion under CAS 2018 scheme. The process of promotion of the eligible candidates was promptly initiated.
10. Financial support and academic leave are provided to teachers for attending workshops/ conferences/seminars.
11. Due to the challenging circumstances created by Covid-induced lockdown, the institution strategically shifted all the TLC programmes to online mode. The Research Development and Services Cell was instrumental in the development of a customised, efficient and scalable LMS.
12. In the significant areas of operations, like Administration, Finance and Accounts, Student Admission and Examination, e-governance has been systematically introduced.
13. The existing Central Government welfare schemes adopted by the UGC are applicable to the staff of Ramanujan College.
14. Ramanujan College has been a leading institution in training teachers across the country through Professional Development Programmes, Orientation/Induction Programmes and Refresher Courses.

15. The MoE, the UGC and the DU are funding agencies of the College.

Institutional Values and Best Practices

1. Ramanujan College derives its character and strength from its institutional values and best practices. Today, it is perceived as one of the best colleges.
2. The College makes conscious efforts to establish an inclusive and cohesive environment.
3. In the past few years, gender parity in student enrolment and gender inclusivity in the campus has been attained through Women Development Cell, Centre for Social Innovation, Outreach Programme Committee and other societies.
4. Ramanujan College is committed to an eco-friendly campus through recycling and managing its degradable and non-degradable waste. The College also has solar panels, a water harvesting plant, and a sewage treatment plant.
5. The College has conducted Green, Energy and Environment Audits.
6. The College follows the DU policy regarding reservation and relaxation for appointment of staff and student admission.
7. The Institution ensures a barrier free environment through ramps/lifts, disabled-friendly washrooms, signage in Braille and *Divyangjan* accessible screen-reading software.
8. **Best Practice 1:** The TLC is mandated to organise Faculty Development Programmes (FDPs), Faculty Orientation and Induction Programmes (FIPs), discipline specific and interdisciplinary Refresher Courses, conferences, workshops, through offline and online modes. The TLC has developed programmes to equip the teachers with various tools and applications for online teaching and develop Massive Open Online Courses (MOOCs).
9. With the motto of "Reaching the Unreached", the TLC has successfully conducted more than hundred programmes since October 2017 and trained approximately one lakh teachers across the country.
10. **Best Practice 2:** Transforming Ramanujan College into a digitally empowered institution and knowledge centre in pursuance of the Government of India policy to promote Digital India and e-Governance.
11. Consistent efforts and financial investments have been made to augment the existing ICT infrastructure, with latest technology for creating an environment for blended learning. The Media Lab facilitates production of video resources and keeps audio-video records of all events in a Network Attached Storage system.
12. The Institution is distinctive in its thrust towards **capacity building** for teaching, non-teaching staff and students, which conforms to NEP 2020 recommendations. Training programmes have been conducted for non-teaching staff. Students are trained through executive development programmes/short-term courses/co-curricular workshops conducted throughout the academic session.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	RAMANUJAN COLLEGE
Address	CR Park Main Road, Block H, Kalkaji
City	New Delhi
State	Delhi
Pin	110019
Website	www.ramanujancollege.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	S. P. Aggarwal	011-26421826	9911337612	011-	ramanujancollege2010@gmail.com
IQAC / CIQA coordinator	K. Latha	011-26430192	9311222202	011-	ramanujaniqac@gmail.com

Status of the Institution	
Institution Status	Constituent

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of establishment of the college	03-08-1958

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Delhi	University of Delhi	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	02-03-2012	View Document
12B of UGC	02-03-2012	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	National Institutional Ranking Framework NIRF
Date of recognition	11-06-2020

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	CR Park Main Road, Block H, Kalkaji	Urban	7	10701

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BA,English	36	Class XII	English	63	52
UG	BA,Hindi	36	Class XII	Hindi	63	63
UG	BA,Political Science	36	Class XII	English,Hindi	63	57
UG	BA,Applied Psychology	36	Class XII	English	58	56
UG	BA,Philosophy	36	Class XII	English	58	43
UG	BSc,Mathematics	36	Class XII	English	58	58
UG	BSc,Statistics	36	Class XII	English	58	43
UG	BSc,Computer Science	36	Class XII	English	58	44
UG	BMS,Management Studies	36	Class XII	English	58	58
UG	BSc,Environmental Studies	36	Class XII	English	40	26
UG	BVoc,Vocation	36	Class XII	English	63	46
UG	BVoc,Vocation	36	Class XII	English	63	43

UG	BCom,Commerce	36	Class XII	English,Hindi	125	117
UG	BCom,Commerce	36	Class XII	English	188	181
UG	BA,Ba Programme	36	Class XII	English,Hindi	125	117
UG	BA,Economics	36	Class XII	English	58	53

Position Details of Faculty & Staff in the College

	Teaching Faculty											
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				1				10				124
Recruited	1	0	0	1	5	5	0	10	58	58	0	116
Yet to Recruit				0				0				8
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				89
Recruited	64	9	0	73
Yet to Recruit				16
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				2
Recruited	2	0	0	2
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	1	0	0	0	0	1
Ph.D.	1	0	0	4	2	0	14	5	0	26
M.Phil.	0	0	0	1	1	0	2	2	0	6
PG	0	0	0	0	1	0	2	1	0	4

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	11	10	0	21
M.Phil.	0	0	0	0	0	0	4	9	0	13
PG	0	0	0	0	0	0	11	17	0	28

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	4	3	0	7
M.Phil.	0	0	0	0	0	0	1	4	0	5
PG	0	0	0	0	0	0	9	7	0	16

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	2	1	0	3

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		**From the State Where College is Located**	**From Other States of India**	**NRI Students**	**Foreign Students**	**Total**
UG	Male	232	347	0	1	580
	Female	209	273	0	1	483
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	132	91	98	67
	Female	48	35	51	42
	Others	0	0	0	0
ST	Male	27	10	27	10
	Female	4	3	4	4
	Others	0	0	0	0
OBC	Male	203	183	175	171
	Female	42	54	68	61
	Others	0	0	0	0
General	Male	283	311	275	239
	Female	231	255	256	373
	Others	0	0	0	0
Others	Male	1	2	4	33
	Female	1	1	2	16
	Others	0	0	0	0
Total		972	945	960	1016

01-03-2022 01:08:41

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
488	471	387	318	221

File Description	Document
Institutional data in prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
15	15	15	14	6

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2931	2846	2574	2364	2095

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
555	481	481	449	383

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
840	820	553	763	541

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
113	104	99	94	89

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
134	112	112	112	112

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 58

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
583.83	709.61	315.03	1967.93	1127.91

4.3

Number of Computers

Response: 1155

4.4

Total number of computers in the campus for academic purpose

Response: 1116

01-03-2022 01:08:43

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

1. **Ramanujan College is a constituent College of the University of Delhi**, which strictly implements the Syllabus and the Annual Academic Calendar notified by the University.
2. Every semester, the Timetable Committee of the College devises Department and class-wise master time-tables, **according to the workload specified in the UGC Regulations 2018**, which are sent to each Department with guidelines regarding the allotment of classes.
3. Each Department distributes the classes to the teachers, keeping in mind specialisations and expertise. The individual and class timetables are then sent back to the Timetable Committee for approval and finalisation. The Committee then officially notifies the timetable to each teacher and formally **displays it on the College Website**. The timetable is sacrosanct and once notified changes cannot be made without prior permission of the Timetable Committee. The process is completed before the commencement of each semester.
4. For the past one year, all classes are held in the online mode via the **Microsoft Teams platform**, providing a single interface for the entire College. The individual time tables are uploaded on the online platform itself.
5. The seamless execution of curriculum delivery is ensured through departmental meetings regarding detailed **Lesson Plan** for each paper and appropriate pedagogy for each topic is identified.
6. Conventional chalk and board method is **integrated** with ICT-based methods of flipped classroom and blended learning. **Internships**, within and outside the College, are encouraged as part of student-centric methods of curriculum delivery.
7. Departments regularly assess and evaluate the percentage of syllabus covered and discuss any problems encountered by the students and teachers.
8. Special lectures, workshops on communication and writing skills, and panel discussions are organized from time to time to expose the students to the latest research related to the curriculum, in the dual-mode during the academic session 2019-2020.
9. An **Ability Enhancement Compulsory Course on English/ Hindi Communication** helps the students to improve their verbal, non-verbal and written language skills.
10. All the faculty members devote extra time to schedule tutorial and remedial sessions. The students are divided into smaller groups for better attention and interaction with each one of them, as per their requirement(s).
11. Furthermore, **a system of allocation of mentor-mentee and identification of Advanced and Slow learners** has been designed by the College for promoting peer learning and developing a more personalised teacher - student collaboration. This is enhanced by a continuous evaluation mechanism in the form of presentations, group discussions, assignments, research projects and tests to assess students' learning and identify the gaps in their preparedness before the Final Examination.
12. The study material for every subject, both offline and online, is made available by the Library, which enables an enriching curriculum delivery.

13. The Internal Quality Assurance Cell (IQAC) of the College maintains a Feedback System. **Periodic internal and external Academic Audits are carried out by the IQAC**. All the relevant documents are systematically maintained and evaluated during the Academic Audits.
14. As a measure to improve curriculum planning and implementation, teachers participate in **faculty enrichment programmes/workshops**.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

1. **Ramanujan College follows the Academic Calendar prepared by the University of Delhi.** The dates of commencement and completion of semesters and schedule for admissions and examinations are enlisted on the Academic Calendar. Nonetheless, within this broad framework, every Department of the College designs its individual detailed Academic Calendar and timetables before the commencement of the session for smooth and effective functioning.
2. The students are informed about the Academic Calendar and the same is uploaded on the College website and displayed on notice boards. All the rules regarding pass percentage, promotion rules, re-appearance for improvement, letter grades and grades points are available on the College website.
3. During the **Orientation Programme**, the first year students are informed about the syllabus, optional papers available during the three years and requirements for Internal Assessment.
4. The schedule for external examinations is fixed by the University of Delhi and the same is displayed on the College website and notice boards for the students.
5. For the **Internal Assessment (25 marks)**, as mandated by the University of Delhi, 10 marks for assignment, 10 marks for tests/project, and 5 marks for attendance are allotted. The course teachers schedule and announce the tests, assignments and projects as per the Departmental Academic Calendar, spread out through the semester, and the students are required to make submissions of assignments/projects within the deadline.
6. **Continuous Internal Evaluation** of students is done by the faculty members through innovative teaching pedagogies and techniques like in-class debates and discussions, case studies, field visits and project works. Talks/conferences/seminars/workshops on syllabus-related topics form significant components are incorporated in the Academic Calendar.
7. **Internships**, within and outside the College, are encouraged as part of evaluation. The College strictly monitors the attendance of the students and they are required to fulfill the minimum attendance criteria and compulsorily fill the feedback form before the admit card is issued for the end-semester exams.
8. For the papers that are accompanied with hands-on training, practical examinations are conducted in the College's Computer/Psychology Lab, along with internal/external viva-voce, as per the requirement. Some courses offer a paper on research projects, wherein students are taught research methodology. Students are **required to develop their own research projects on the topic of their choice**, which undergoes a plagiarism check before the external viva-voce. These projects augment

students' knowledge base and enhance their writing skills.

9. Due to the Covid-19 Pandemic, the Academic Calendar for the even semester 2019-20 (January-May 2020) was revised and extended. According to the University of Delhi guidelines, the second and fourth semester students were promoted to the next semester, based on their internal assessment and previous year performance. However, the final year students had to appear for an online examination, called **Open Book Examinations (OBE)**, which were conducted in August 2020 and all the results were announced by November 2020. For internal assessment, the students were evaluated out of the consolidated 25 marks, as per the University of Delhi notification.

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. **Academic council/BoS of Affiliating university**
2. **Setting of question papers for UG/PG programs**
3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**
4. **Assessment /evaluation process of the affiliating University**

Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 **Number of Programmes in which CBCS/ Elective course system implemented.**

Response: 15

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	
Institutional data in prescribed format	

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 33

1.2.2.1 **How many Add on /Certificate programs are offered within the last 5 years.**

2019-20	2018-19	2017-18	2016-17	2015-16
10	6	6	7	4

File Description	Document
Institutional data in prescribed format	
Brochure or any other document relating to Add on /Certificate programs	

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 26.91

1.2.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2114	382	323	552	274

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human

Values ,Environment and Sustainability into the Curriculum

Response:

1. Ramanujan College has institutionalised mechanisms to sensitise students regarding professional ethics, human values, gender and environment sustainability through its various academic and extracurricular activities. In the classroom, teachers engage with students using an **inclusive approach** pertaining to important socio-cultural issues. The College also offers a **compulsory paper on Environmental Sciences** for students of all the courses.

2. **The Centre for Ethics and Values** is a resource centre for imparting value-based education to generate awareness regarding the complementary nature of skills and ethical values. The Centre expanded its base by establishing **the School of Happiness** in 2018 to promote wellbeing and long term happiness of the academic community. The School of Happiness offers a **Certificate Course on Happiness**, which is open to all.

3. The Gender Champions of the **Women Development Cell (WDC)** organise academic, medical, cultural and social events, aimed at creating a gender sensitised community. In 2019, the College supported the **University of Warwick, UK, project 'Tracking Sexual Harassment'**, funded by J-PAL (Jameel Poverty Action Lab) a subsidiary of MIT (USA). The involvement of the students in this broad survey helped in mapping students' attitude and awareness of sexual harassment issues.

4. **B.Sc. Environmental Sciences (Hons) has been introduced** in the College from the year 2020. Academically, this Course integrates aspects of social sciences with pure sciences. **Tatva, the Eco Club, promotes social responsibility and perception** towards the environment. Recycling, composting, organic gardening and efficient use of land, along with tree-plantation, cleanliness and green and e-waste collection drives are some of the significant activities implemented by the Club.

5. The College has installed a **Digester that converts organic waste into manure**. A herbal park project has also been initiated. Under the directive of the UGC and the MoE, the College has entered into an **MoU with a private power producer for the generation of 130 KV power through the installation of rooftop solar power panels**. This is a positive step towards helping the nation build alternative and clean sources of power as well as help in reducing the energy costs of the Institution.

6. The student volunteers of the **National Service Scheme (NSS) have been actively involved in community services**. Anti-drug addiction campaigns and programmes for disaster management, senior citizens welfare, adult education, personality development, environment and health awareness, are some of the activities conducted by the NSS and the Outreach Committee.

7. **The Outreach Committee,** along with the **Centre for Social Innovation's** initiative, Pathshala - Ek Kadam Sakshatra ki Ore, has been involved in the education of the underprivileged children of the nearby local community.

8. The Centre for Human Rights and Environmental Studies coordinates a three-month **Certificate Course on Human Rights** and regularly organizes talks and workshops for teachers and students on the issues related to human rights.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View Document](#)

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 12.73

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
87	85	55	36	5

File Description	Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Institutional data in prescribed format	[View Document](#)

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

Response: 38.08

1.3.3.1 **Number of students undertaking project work/field work / internships**

Response: 1116

File Description	Document
Institutional data in prescribed format	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: A. All of the above

File Description	Document
Any additional information (Upload)	[View Document](#)
URL for stakeholder feedback report	[View Document](#)

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. Feedback collected, analysed and action taken and feedback available on website
2. Feedback collected, analysed and action has been taken
3. Feedback collected and analysed
4. Feedback collected
5. Feedback not collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	[View Document](#)
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 96.68

2.1.1.1 **Number of students admitted year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1016	960	945	972	705

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1017	992	992	972	771

File Description	Document
Institutional data in prescribed format	[View Document]

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 86.05

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
404	429	379	458	335

File Description	Document
Institutional data in prescribed format	[View Document]
Any additional information	[View Document]

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The students of Ramanujan College come from diverse backgrounds and display different learning abilities. Based on Class XII marks, students of B.Com and B.A. (P) are allotted language papers, classified into A and B categories, which help in varied levels of language learning.

Classroom Pedagogy:

1. As a typical procedure, Slow and Advanced learners are identified through **standard evaluation methods and class participation**. Thereafter, the pedagogy in the classroom is pitched in a manner that matches the pace of different learning abilities of students.
2. To uniformly engage the class, the **content is delivered through audio, visual and text form**. In order to provide suitable learning opportunities, teachers customize tasks, projects and activities like discussions, quizzes, film screenings, tests and real-life research projects.
3. Teachers promote class participation by giving opportunities to students to take initiatives and make decisions. Using **experiential approach**, teachers inculcate multiple perspectives, and diverse viewpoints.
4. A wide spectrum of methods, like oral, written, role-plays, are used to engage non-participative students and increase their receptive, reflective and retention abilities.
5. **Counselling and mentor-mentee programs** are put in place to ensure maximum inclusivity and boost the academic performance of students.
6. **One-to-one interaction** with teachers and mentors beyond class hours has been very effective in dealing with the concerns of both the slow and advanced learners.
7. The institution strives to build a space of trust in the classroom and inculcate a sense of mutual care and respect. The students feel free and comfortable to share their opinions with each other, promoting **peer-learning**.
8. Every faculty member engages with the students in their class to identify the Slow Learners and Advanced Learners. **Continuous internal evaluation** is significant to know the extent to which effective learning and progress have taken place. Accordingly, measures are devised to address differential capabilities.
9. The teachers organize **remedial classes** during the mid-semester and preparatory breaks, doubt sessions, peer-mentoring, and **group brainstorming sessions** for the slow learners.
10. The advanced learners are given more challenging **research projects, writing research articles**, graded assessments and engaged with advanced/applied topics beyond the syllabus.

Beyond the classroom:

1. The College offers short term **Executive Development Programmes, basic and advanced training programmes, seminars, conferences, lectures, research-based projects, interactive sessions, industrial visits and summer internships**.
2. The students are also involved in the organization of various activities. They are encouraged to showcase their latent talents through **extra-curricular activities** facilitated by societies like 'Jazba', 'Shivaranjani', 'Tark', 'Enactus', amongst others, and the annual cultural festival-

'Josh'.

3. Since the academic session 2019-20, a compulsory **Personality Development Course** has been designed and offered to all the students, which has been especially beneficial for the slow learners to develop communication skills and build confidence.

4. During the COVID-19 lockdown, the faculty have been available and accessible through MS Teams, Google Classroom, Whatsapp, e-mails, direct messages and voice calls. Special online sessions are continuously conducted for the slow learners to address their concerns and supplement online teaching. Advanced learners are assigned more challenging tasks, like taking leadership roles in online teaching and organising webinars.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional Information	[View Document](#)

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 25.94

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Ramanujan College has been constantly working towards a shift from a teaching culture to a learning culture. The institution provides a thought-provoking space, which facilitates the spark to learn, unlearn and relearn, by adopting new and practical pedagogies that are collaborative and learner-centric.

1. The teachers integrate **hands-on experience** through group activities, role-plays, film screening, group discussions and connecting the syllabus to everyday examples, along with the conventional pedagogy.

2. The teaching-learning process is augmented by presentations, discussions, debates, assignments, interactions with experts, and industrial professionals, remedial classes and tutorials, workshops and college/national/international level seminars.

3. Arrangements are also made by the College for the students to go on **industrial visits** and are provided **summer internships** where they can get hands-on experience.

4. **Case studies and micro-research projects** enable the students to critically reflect on the curriculum content and adopt a problem-solving attitude.

5. Teachers use **ICT-enabled Smart Classrooms** with projectors, latest audio-visual equipment and Wi-Fi connectivity to amplify experiential learning.

6. **ICT tools and applications** are employed to solve problems in mathematics/ statistics/computer science/commerce through appropriate software and programming skills, like Tally, SPSS, LaTeX, Mathematica, R, TORA.

7. During COVID-19 times, the College has adopted MS Team as the platform for online teaching, facilitating enriched teacher-student interactive interfaces.
8. Other virtual platforms like Google Classroom, Google Meet, YouTube, Whatsapp, Zoom have helped to incorporate the model of **flipped classroom and blended learning**.
9. Students have been part of 7 **Innovation Projects**, 5 Star Innovation Projects and 4 Minor Projects under Teaching Learning Center (TLC), Ramanujan College, which give them the opportunity to be the co-creators of knowledge, besides integrating social inclusiveness and intellectual growth.
10. Departmental society, fests, extra curricular activities, extension and outreach programs, in collaboration with NGOs and other agencies, generate a space for the students to practically apply their classroom knowledge in the larger society.
11. Various competitions based on case studies and business plans give students the opportunity to learn about market dynamics, enabling them to value and meet deadlines/targets and handle pressure.
12. The College emphasises **inter-disciplinary and multi-dimensional approaches** to equip the students to communicate and collaborate across diverse cultures in a globalised world.
13. As an initiative towards **international collaboration**, the College has entered into MoUs with the Management Center Innsbruck (MCI), Austria, and Western Sydney University, Australia.
14. The College has a vibrant **Placement Cell**, which consistently creates programmes, like the Personality Development Course, for experiential and creative learning processes to enable an increasing number of students to get better placements in the contemporary job markets.

The College empowers the students with a deep sense of commitment to the learning process, which helps them to understand the pragmatic value of that knowledge and chart out a course of their lives in which they can make meaningful contributions to society.

File Description	Document
Upload any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Information Communication Technology (ICT) enabled tools are used by the teachers of Ramanujan College to support effective pedagogy.

1. The College was assessed for NAAC Cycle I in January 2016. At that time, it already had 33 ICT-enabled Smart Classrooms with projectors, language lab with latest audio-visual equipment, 3 computer labs with latest hardware and software, robotics lab, a modest media lab and total Wi-Fi connectivity in the campus, which were being optimally utilized by the teachers.
2. With the addition of the new building in 2017 and additional rooms in the porta cabins, the College has heavily invested in enhancing and integrating its ICT infrastructure to provide the teachers with the state-of-art **ICT tools in its 50 class rooms**, **8 seminar/committee rooms, TLC lecture theatre, media lab, 5 computer labs and library.**

3. The **teachers have been trained**, in both offline and online mode, to access, acclimatize and use these new ICT tools for effective curriculum delivery and meaningful engagement with students.
4. Teachers integrate Google Classroom, graphing app DESMOS, MS Office applications, audio-visual resources, into conventional pedagogy to improve engagement in the classroom and retention of knowledge
5. Students are provided with links for e-content from N-list/INFLIBNET website, uploaded audio-video lectures and to DU library e-resources for remote access.
6. Electronic resource packages like DELNET and National Digital Library are effectively used by teachers to enhance the teaching-learning experience.
7. Enterprise Resource Planning (ERP), **a customised attendance software**, developed by the IT department of the College, is used to maintain and tabulate attendance records.
8. Teachers use the tablets/laptops provided by the College for facilitating their teaching-learning work.
9. The existing ICT infrastructure enabled the College to seamlessly adapt to the online mode since the onset of Covid-19 pandemic. The institution has been using **Microsoft Teams** platform to ensure a smooth online teaching-learning process.
10. The teachers upload study material, references, presentations, YouTube links, conduct meetings and webinars, make announcements and trigger discussions on Microsoft Teams/ other online platforms.
11. The well-equipped Media Lab has helped teachers to prepare audio-visual study material for online teaching.
12. Teachers use Zoom meeting platform, Google Meet, Open Broadcaster Software, Live Charts, Mind Mapping Tools, Canva, Animation Application, like Renderforest and Powtoon, Open Educational Resources (OERs), Massive Open Online Courses (MOOCs) for making the online lectures, seminars and workshops more interesting, interactive and explorative. Regular training programmes are organised by the TLC, Ramanujan College.
13. Evaluation is carried out through MCQs, quizzes, assignments and presentations on these ICT platforms/tools.
14. A customised LMS has been developed under TLC which was used to train teachers across the country, through lectures and specialized sessions. The teachers were trained to use various ICT tools for the teaching-learning process. The sessions are also uploaded for larger audiences on the official YouTube Channel of the College.

File Description	Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process.	[View Document](#)

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 26:1

2.3.3.1 **Number of mentors**

Response: 113

File Description	Document
Circulars pertaining to assigning mentors to mentees	

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 85.79

File Description	Document
List of the faculty members authenticated by the Head of HEI	
Institutional data in prescribed format	

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 53.64

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
62	56	54	49	47

File Description	Document
Institutional data in prescribed format	

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 7.68

2.4.3.1 **Total experience of full-time teachers**

Response: 867.75

File Description	Document
Institutional data in prescribed format	

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

1. As per the University of Delhi guidelines, the College systematically conducts internal assessment to enhance the performance and regularity of the students in the classrooms.
2. As per the University scheme, for most of the core and elective papers, the internal assessment is of 25 marks out of 100, while the external examination carries 75 marks in each semester.
3. The Internal Assessment of 25 marks is further split into 10 Marks for assignment, 10 Marks for tests/project, and 5 Marks for attendance, as mandated by the University of Delhi.
4. This internal assessment scheme is timely communicated to the students through the College Prospectus. The internal assessment schedule and evaluation parameters for the different papers are informed to students at least 2-3 weeks in advance by the respective subject-teachers.
5. Internal assessments are spread over a semester to ensure continuous evaluation. The assessments generally comprise some of the following modes: class presentations, projects, report writing, assignments, viva, group discussions, field work, class tests and practical tests.
6. Teachers prepare an assessment rubric for each component of the internal assessment and prepare the students accordingly. For example, if the students are assessed through presentations, then the criteria may be: content, communication, confidence and clarity of concept. The marks obtained by the students are shared with them in the class and also through other mediums such as Google Classroom, WhatsApp, MS Teams and the College Website.
7. All the test papers and answer scripts along with the list of marks are duly maintained by the respective faculty members for records. Feedback and remarks about their performance are shared with the students. The students are also guided to perform better in external examinations.
8. Students who represent the College in sports, N.C.C., N.S.S. and other extra-curricular activities held in other Universities, will be allowed additional time for submission of written assignments, public projects and will get the benefit of attendance for Internal Assessment for the classes missed. In exceptional circumstances, students may be assessed through an alternative mode.
9. The faculty members formally submit the internal assessment award list which is prepared by the IT Department, as per the University of Delhi guidelines. To ensure complete transparency, each student validates the internal assessment marks awarded by signing on the award list.
10. Internal examination related grievances are addressed in a time-bound and efficient manner.
11. The IT Department collates the internal assessment marks awarded by teachers and forwards it every semester to the Examination Branch of the University of Delhi.
12. In the context of Covid-19 induced online teaching, intermittent internal assessments are assigned and received online through Google Classroom, MS Teams and e-mails. The marks are also shared online with the students.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.5.2 Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Response:

Ramanujan College follows the guidelines set by the University of Delhi regarding the formal Internal Assessment in each semester, which is a part of the Final Semester Examination of the University. The Internal Assessment of 25 marks is further split into 10 marks for assignment, 10 marks for tests/project, and 5 marks for attendance, as mandated by the University of Delhi.

At the beginning of the semester, faculty members inform the students about the internal assessment composition criteria, which include presentation, practical, class test, projects, viva-voce, internship fieldwork and other extracurricular activities. Dates of the internal examination are communicated well in advance to the students. The evaluated internal test papers are returned to the students, with feedback, for self-assessment. The marks obtained by the students are uploaded on the notice board and College website along with their attendance. The students are required to validate its acceptance by signing the award list.

1. In case of any grievances, the student directly approaches the **concerned teachers ,** who addresses the grievances as she/he may deem fit.
2. The unresolved grievances, if any, are referred to the teacher-in-charge of the department. Such issues are addressed and resolved in the **departmental meetings**.
3. If a student is unable to appear for an internal examination due to medical or any other genuine reason, on submission of proper documents, internal assessment is rescheduled.
4. To evaluate projects, fieldwork and internship, **a formal committee** is formed by the Teacher In-Charge of the department, wherever applicable. External examiners are invited for viva-voce, wherever required. Grievances, if any, are addressed by this committee.
5. Attendance is an integral part of internal assessment. Students who do not fulfil the minimum required attendance criteria are not issued admit cards for the final semester examination. **A staff Council constituted committee counsels students with low attendance**. This systematic monitoring of students' attendance has had a positive impact on them regarding the importance of having adequate attendance.
6. However, Medical Certificates are excluded while calculating marks to be awarded for attendance, though such certificates are considered for the purpose of calculating eligibility to appear for final semester examinations.
7. The College constitutes a **Moderation Committee** for Internal Assessment, as per the University of Delhi norms, to look into the students' grievances related to internal assessment and practical examinations, if any, and take appropriate actions, as and when required.
8. As per the University of Delhi norms, the College constitutes an **Internal Assessment Monitoring Committee**, Chaired by the Principal. This Committee is responsible for the entire process of Internal Assessment in the College. Unresolved internal assessment related grievances are taken up and resolved by this Committee. All members of this Committee counter-sign the hard-copy of the internal assessment award list collated by the College IT Department, before submitting to the Examination Branch of the University, within the deadline set by the University of Delhi.
9. **The Principal is the final authority regarding any internal examination related grievances**.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Response:

As a constituent institution of the University of Delhi, Ramanujan College follows the guidelines and norms of the University with respect to offered programmes and course curriculum/syllabus.

1. The University of Delhi, under the Choice Based Credit System (CBCS), has revised the syllabus/course curriculum with targeted learning outcomes for each course/subject, based on the UGC- Learning Outcomes based Curriculum Framework (LOCF). The learning outcomes of each paper is mentioned in the syllabus and is available on the University Website.
2. The College publishes the Prospectus on its website that provides the link to the University of Delhi syllabus and guidelines, clearly stating the outcomes of each programme and course.
3. The syllabus, the course outcomes and the credits allotted to each paper are communicated during the Orientation Programme of the first year students. Each individual teacher apprises the students of the learning outcomes of the specific paper at the beginning and conclusion of the semester. The entire pedagogy is geared towards achieving the stated learning outcome of the paper.
4. The students are made familiar with programme outcomes through **workshops**, student induction programmes, parent-teacher interaction and **industry interaction**.
5. Under the CBCS system of the University of Delhi, the undergraduate programme is divided into various components, comprising Core papers, Generic Elective papers, Ability Enhancement Compulsory papers, Skill Enhancement papers and Discipline Specific Elective papers. **Each of these components in themselves have specific learning outcomes**, which give a better understanding as to how and why the specific subject/topic is being taught. Course Outcomes as well as Learning Outcomes depend upon the nature of course and the subject concerned. The choices that the students make, based on the specified learning outcomes, help in a holistic understanding of the course, thereby enriching the teaching-learning process.
6. The Programme Specific Outcomes are closely related to the content of the syllabus and may vary as per the subject. Teachers design Lesson Plans for all the courses/subjects at the beginning of each semester to ensure that the pedagogy is in sync with the PSOs. There are some universal learning outcomes also which are inherent in every syllabus.
7. The students are encouraged, guided to learn and imbibe the course outcomes. The students are not only communicated the course outcome in the classroom, but also made to experience them through **participation and organizing of co-curricular and extra-curricular activities**. Every department plans and conducts all activities in light of the programme outcomes and course outcomes.
8. The Lesson Plans and Self-Evaluation Document of each teacher is submitted to the IQAC, as part of external and internal audit. The IQAC reviews the successful incorporation of programme and course outcomes in pedagogy. On the basis of the quality inputs of the IQAC, the **teachers are advised to communicate to their parent departments** the required updation and changes to the

existing programme and course outcomes to make it further enriching for the students. The College has two members in the Academic Council, the supreme decision-making body of the University.

File Description	Document
Paste link for Additional information	<u>View Document</u>

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

1. The institutional priority is in the academic development of the teachers and students. The courses and syllabus are designed by the respective Department of the University of Delhi. **The Programme Outcomes (POs) and Course Outcomes (COs) are intrinsic within the design of the Programme/Course**. The Department philosophy and policy are reflected within the POs and COs.

2. The teachers actively participate in seminars, FDPs, **workshops and curriculum meetings**, regularly organized by the respective Departments at the University level to discuss the POs and COs.

3. The College periodically keeps track of academic course completion and co-curricular events taking place within the Institution. The conduct of classes is planned at the beginning of each semester in departmental meetings, wherein TICs establish a time frame for preparation of course outline and Lesson Plans for each subject in tune with the academic calendar. Updates are regularly collected and processed by TIC till the end of semester.

4. The **teachers employ different mechanisms and strategies**, like tutorial classes, special remedial classes, mentor-mentee system, to assist the slow and advanced learners to better achieve the POs and COs.

5. The College collects online feedback from students every semester regarding the teaching-learning process and infrastructural facilities. Analysis of the data collected is carried out by the Feedback Committee of the College. Ideas and suggestions are addressed to concerned personnel for required implementation. This also ensures smooth and effective fulfilment of POs and COs.

6. The IQAC reviews the POs and COs on a regular basis through Self-Evaluation Documents (SEDs) and Lesson Plans submitted by each faculty member as part of the process of internal and external academic audits. The IQAC guides the teachers to map the objective to the outcomes to analyse and document their attainment.

7. The focus of the POs and COs have been maintained even when the classes have transited to the online mode. Talks, discussions, guest lectures, webinars, e-resources, quizzes and online evaluation process, on a single platform of MS Teams ensured efficient functioning of the institution in the same direction.

8. The performance of students in University examinations and in different internal examinations is a parameter of outcome assessment. For the assessment of students, **summative and formative approaches** are followed to get intended learning outcomes.

9. Over the years, the institution has consistently exhibited student progression in terms of improved results. There has been a steep rise in the number of students passing out with higher CGPA, including **positions in the University merit list**. This is also a parameter by which the institution demonstrates successful and effective delivery of POs and the COs.

10. The academic and professional achievements of the students act as a yardstick to assess the efficacy of the outcomes. Taking cue from this, the Departments of the University review, modify and upgrade the course curriculum, syllabus and outcomes from time to time.

File Description	Document
Upload any additional information	[View Document](#)

2.6.3 Average pass percentage of Students during last five years

Response: 91.21

2.6.3.1 Total number of final year students who passed the university examination year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
840	820	553	763	541

2.6.3.2 Total number of final year students who appeared for the university examination year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
890	949	644	818	563

File Description	Document
Institutional data in prescribed format	[View Document](#)
Paste link for the annual report	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.27

File Description	Document
Upload database of all currently enrolled students (Data Template)	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 715.3

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
266.90	50.6	135	87.5	175.3

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)

3.1.2 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 38.89

3.1.2.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
4	5	5	5	9

3.1.2.2 **Number of departments offering academic programes**

2019-20	2018-19	2017-18	2016-17	2015-16
15	15	15	15	12

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.3 Number of Seminars/conferences/workshops conducted by the institution during the last five years

Response: 202

3.1.3.1 **Total number of Seminars/conferences/workshops conducted by the institution year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
100	51	23	15	13

File Description	Document
Institutional data in prescribed format	View Document

3.2 Research Publications and Awards

3.2.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years

Response: 1.72

3.2.1.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
52	37	33	35	15

File Description	Document
Institutional data in prescribed format	View Document

3.2.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.93

3.2.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
21	24	20	18	10

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.3 Extension Activities

3.3.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The centers/societies of the College involve students in outreach and extension activities for their holistic development. These are an integral part of the College Calendar.

1. The **Outreach Program Committee** was constituted to reach out to the larger society, bring about a positive change in the lives of the people and motivate the Departments, Centers and Societies of the College to periodically undertake social outreach programmes. The activities are directed to bridge the gap in services provided by official/governmental sources and non-profit organizations.
2. The College has **adopted the Coolie Camp**, a slum area in Vasant Vihar, in collaboration with the NGO, Rupantaran, and a neighbourhood slum in Govindpuri. A **Sewa Kendra** has been initiated, where students enthusiastically volunteer to provide teaching services, including basic ICT training, which in turn helped to keep the interaction alive even during COVID-19.
3. The Department of Computer Science, through the **Centre for Social Innovation** has created a common platform for the socio-innovators and students to self-initiate radical change in the society.
4. The Center for Social Innovation has launched **Paathshaala - Ek Kadam Saksharta Ki Ore** to not only support slum children academically but train them in employable skills. Dedicated student volunteers from the College devote time on a regular basis towards welfare of slum children and women by teaching, mentoring and organizing co-curricular activities and computer training programs.
5. The student volunteers of **National Service Scheme (NSS)** take the initiative to regularly organise extension activities, awareness campaigns on social issues and donation drives, especially to help people affected by natural calamities.
6. Pankaj Ojha, **alumnus of the College, is currently research assistant on the project titled "Indo-Nepal Border Road Project"**, with the Wildlife Institute of India, Dehradun (an autonomous institution of Ministry of Environment, Forest and Climate Change, GOI).
7. **Two alumni** Nupur Bharadwaj and Ankush Panwar (2016-17) have started an NGO named Let's

Educate Children in Need (LECIN) that is actively working towards making primary education accessible to more children.

8. Many energetic students use the platform of various cell/societies of the College to organise events like, Swacch Bharat Abhiyan; workshop on sexual health, hygiene for women, gender sensitization; cleanliness and sanitation by Sulabh International and Keep India Clean; and donation drive during COVID-19.

9. The students of **Jazba, the theatre society,** passionately script, direct and perform nukkad natak on socially relevant issues and have won many accolades.

10. **Enactus Ramanujan**, guided by faculty mentors and supported by business leaders, provides a platform for students to embark on an entrepreneurial approach that empowers people to be a part of their own success.

11. **Eco Club** organizes workshops and awareness campaigns on tree plantation, food waste segregation, anti-cracker campaigns and energy conservation on a regular basis. The College has entered into a MoU with Karo Sambhav Pvt. Ltd and Jaagruti-Paper Recycling Company for recycling e-waste and paper waste.

In recognition of all the efforts of the students, Ramanujan College was awarded the Highest Ranking in NIRF 2018 in "Outreach and Inclusivity" (College Category).

File Description	Document
Upload any additional information	[View Document]
Paste link for additional information	[View Document]

3.3.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 3

3.3.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
2	1	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document]
e-copy of the award letters	[View Document]

3.3.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 163

3.3.3.1 **Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
50	38	25	36	14

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document

3.3.4 Average percentage of students participating in extension activities at 3.3.3. above during last five years

Response: 36.23

3.3.4.1 **Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1457	1387	761	805	400

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document

3.4 Collaboration

3.4.1 The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-job training, research etc during the last five years

Response: 5

3.4.1.1 **Number of linkages for faculty exchange, student exchange, internship, field trip, on-job training, research etc year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
02	00	02	01	00

File Description	Document
Institutional data in prescribed format	[View Document](#)

3.4.2 Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the last five years

Response: 44

3.4.2.1 **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
27	9	4	2	2

File Description	Document
Institutional data in prescribed format(Data template)	[View Document](#)
e-Copies of the MoUs with institution./ industry/ corporate houses	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

Ramanujan College recognises that adequate and updated infrastructure and physical facilities are necessary for quality teaching-learning.

1. All the 50 classrooms, 5 labs, the 8 conference room/seminar rooms and the library are well lit and spacious. The Classrooms are IT-enabled, with projectors, screens and white boards. Good sturdy furniture provides comfortable seating without overcrowding.
2. The College has 5 air conditioned computer labs with a total of more than 200 LAN connected desktop computers. A total of 160 Mbps internet bandwidth (100 Mbps from Delhi University, 50 Mbps from DEN Network and 10 Mbps from Jio) is also provided for internet and wi-fi connectivity.
3. The Department of Computer Science has a special **Robotics Lab**, where students are engaged in working on emerging areas in the field of robotics, embedded systems, machines and artificial intelligence.
4. The Department of Applied Psychology has a dedicated lab, with **modern clinical psychological testing methods**, tools, and instruments for imparting required skills and training to the students in diagnosis of psychological traits, characteristics, and problems.
5. The Department of Commerce has an **Accounting and Finance Lab**, which is equipped with all the facilities to carry out research in the areas of commerce and management. It has the necessary statistical software to carry out primary and secondary data based research.
6. The College has provided separate rooms and space for the various Cells and Societies, engaged in **interdisciplinary and multidisciplinary field activities** and co-scholastic programs.
7. The Conference Room is adequately furnished and fully equipped, with a seating capacity of 250, for academic lectures and workshops.
8. The **TLC Lecture Theatre**, which can seat 50 participants, is equipped with the latest technology, like LAN, smart board, and gooseneck microphones and speakers to encourage interactive conversation.
9. To enhance teaching learning experience through the use of electronic media, the College has a **Media Lab** equipped with a sound-proof studio and production equipment.
10. The fully air-conditioned and **IT enabled Library** has separate reading rooms for the students and teachers. The library is well stocked and subscribes to various e-resources. The library provides e-reader KINDLE to the students to access e-books. The College is linked to the National Knowledge Network (Government of India) through the University of Delhi.
11. In the aftermath of the Covid-19 lockdown, the IQAC initiated the adoption of **MS Teams** as the platform for online teaching, facilitating enriched teacher-student interactive interface. A special **Learning Management System (LMS)** has been developed for conducting online teacher training programmes.
12. The institution has a robust student-computer ratio of 3:1.
13. The licensed software used by the College are:

- Windows 10 Pro
- Microsoft Office 2010
- Quick Heal Anti-Virus (35)
- Mathematica (30 Users)
- SPSS (30 Users)
- JAWS Pro talking Software for Blind (01)
- Hindi OCR Scanning Software (01)
- Language Lab Software
- First Cut pro for Apple-03
- Logic Pro x for Mac -01

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

Ramanujan College campus is 7 acres of area. The built-up area is 2.64 acres. The rest is open space, including playground, pathways, parking and gardens.

The **Department of Physical Education and Sports Sciences and the Sports Committee** are responsible for augmenting adequate facilities for sports and games by purchasing sports equipment, maintaining and upgrading the equipment and the allocated areas. On an average 400 students use the sports facilities available in the College on any given day.

Sports Activity	Area/Size
Athletics: Track	200 mtr. Track
Athletics: Long Jump & Triple Jump Pit	24.75 sq. m
Aerobics	Activity Room (500 sq. ft)
Basketball	420 sq. m
Boxing	Gymnasium (160 sq. m)
Badminton	*
Chess	Activity Room (500 sq. ft)
Cricket ground	230 sq. m
Cricket Net Practice	875 sq. ft
Cricket fitness ground	80 sq. m
*Football	1500 sq. m

Judo	*
Kabaddi	130 sq. m
Kho-Kho	432 sq. m
Lawn Tennis	*
Open gym	1200 sq. ft
Volleyball	162 sq. m
Taekwondo	Activity Room (500 sq. ft)
Weight Lifting	2 platforms
Wrestling	*
Powerlifting	Gymnasium
Swimming	*
Yoga	Activity Room (500 sq. ft)
Director's Room	500 sq. ft

For the (*) marked sports, the students avail the facilities in stadiums/academy and supported with membership fees by the College.

The **Annual Sports Calendar** is prepared, which includes various inter-departmental tournaments, summer and winter camps and the Annual Athletics Meet, open to all students of the College. **Professional coaches are appointed** for training the students for various tournaments.

The Department organizes **bi-annual open Fitness Courses and Camps**, which include activities like Yoga, aerobics, cross-fit, recreational games, and awareness campaigns about healthy diet and regular exercise.

The cultural societies function under the **Cultural Committee**, which is responsible for the purchase and maintenance of instruments, equipment and costumes, and travel expenses within and outside Delhi. On an average 250 students use the facilities for cultural societies available in the College on any given day.

CULTURAL SOCIETY	AREA
Tark, the bi-lingual debating society	TLC Lecture Theatre (900 sq. ft)
First Cut, the filmmaking society	Media Lab (400 sq. ft)
Shivranjani, the music society	Room in Administrative Block (200 sq. ft)
Dance Nucleic Acid, the dance society	Activity Room (500 sq. ft)
Jazba, the theatre group	Open space
Panache, the fashion society	Open space near TLC office
Brushstrokes, the art and craft society	Courtyard near the ramp
Bhangra Regiment, the Bhangra society	Activity Room (500 sq. ft)
Pramana, the quiz society	Ghalib Conference Room (2000 sq. ft)

A **Utility Centre** (500 sq. ft) is available for students to conduct meetings, plan their programmes and carry out art, craft and decoration work.

Professional trainers are appointed, wherever necessary. The Annual Cultural Festival, Josh, open to all colleges/universities, witnesses a huge footfall of around 5000 audience, and is organised in the open area.

The **Ghalib Conference Room**, is a multipurpose air-conditioned facility, used for organizing various events. Equipped with high quality sound and screening infrastructure, the room can accommodate 250 people at a time.

File Description	Document
Upload any additional information	[View Document]()

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 100

4.1.3.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 58

File Description	Document
Institutional data in prescribed format(Data template)	[View Document]()

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 53.85

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
215.66	294.37	68.47	1765.67	895.06

File Description	Document
Upload audited utilization statements	[View Document]()
Institutional data in prescribed format(Data template)	[View Document]()

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

1. **The library of Ramanujan College has been operational as fully automated since 2009**. The various functions of library management**,** that is**,** acquisition of books and journals, cataloguing, circulation, serialisation and Online Public Access Catalogue (OPAC) are integrated as accessible services.
2. Initially, LIBSYS – 3.2 was used as the ILMS platform. This was **upgraded with KOHA-17 in 2018**. KOHA is a free and open source, fully featured, scalable library management system. The important features of KOHA like catalog facility, customizable search, online circulation and barcode printing are used in the library.
3. **Membership, registration and issue/return of books are done in the automation mode**. Barcode technology is used for this purpose. A **barcoded Identity Card** that is issued to students at the time of admissions is used for membership to the library. **A Barcode Scanner (Pegasus PSW 1400) is used for issue/return of books**.
4. **Two Library Kiosk Dual Core** have been placed for OPAC-based search of databases of books and journals. This has eliminated the need for manual searching. **The OPAC facilitates searching of the complete library collection**. The search results provide bibliographic details of the books and other documentary materials, like periodicals and journals, along with the current issued status and the location of a book. This service is very helpful in meeting the end user's academic information needs. It **supports the multidisciplinary approach to information** and is highly used by students and teachers to locate the library resources.
5. Around 30 **LAN connected desktops** have been installed in the students' reading room and faculty lounge, with Wi-Fi and internet facilities. These computers are used to access the various library links that the College has subscribed to, like the N-List, DELNET, NDL and NPTEL. The computers are connected to printers so that material accessed on the internet can be printed. The library also has a high quality photocopier for duplication of hard copy materials.
6. **The library has created a webpage** within the College website, linked to all the e-resources subscribed by the College. This has been specially useful during the pandemic induced lockdown.
7. There is **widescreen LED television**, placed at the reception counter of the library, which is used to display important information, rules and regulations of the library in a loop. News channels are also displayed on this television occasionally.
8. The library office has **three Workstations** (Intel Xeon E? 2124G 8th Gen, 1 GB nVID:A Quadro P1000 4GB, 32GB RAM, Win 10 Pro) for the smooth functioning of the library.
9. One of the future expansion programmes of library automation is to facilitate easy access to e-resources through procuring an ample number of KINDLE e-book readers for students and teachers.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

4.2.2 The institution has subscription for the following e-resources

1. **e-journals**
2. **e-ShodhSindhu**
3. **Shodhganga Membership**
4. **e-books**
5. **Databases**
6. **Remote access to e-resources**

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 10.58

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
11.56	7.51	9.82	10.57	13.46

File Description	Document
Institutional data in prescribed format(Data template)	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 11.5

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 350

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Ramanujan College had adequate IT facilities as has been documented in the SSR for the NAAC Cycle I. In the last five years, the IT facilities have been updated, with the latest equipment/software.

With the new building becoming operational and more classrooms and other workspaces added to accommodate new courses, the College acquired a total of 160 Mbps internet bandwidth, 100 Mbps from Delhi University (2015-16), 10 Mbps from Jio (2018-19) and 50 Mbps from DEN Network (2019-2020), for wider wi-fi connectivity. The College has added 2 computer labs, 42 projectors in classrooms and seminar rooms, 112 desktops, 12 printers and 2 photocopiers. There are 9 LED screens installed at prominent workspaces and 20 gooseneck microphones installed at the TLC Lecture Theatre.

The College has purchased Licences of IBM SPSS 24.0; Win Pro 10; Microsoft Office, Mathematica 11.0 and Final Cut Pro 7.

The Media Lab procured 2 cameras, a teleprompter, 2 Apple desktops (27 inch 5k Retina Core i5 3.3 GhZ 8 Gb 2 TB AMf Radeon), a Chroma screen and a touch-screen interactive panel. The Lab is supported by a NAS Netgear RR2312 100 TB (Network Attached Storage) for safe digital data storage.

The Language Lab has a Software iTell Orell Digital Language Standard S2 Edition, Console for 1 Teacher + 25 students.

The College has added two servers:

1. Intel Xeon 2 Processor Quad Core Rack Mount, Xeon 5-2069 2.5 Ghz 16 GB 1333 Mhz (2016)
2. CPU AMD Ryzen 9 3900 X, 32 GB RAM 48 GB Graphic card with a Motherboard X570 (2019-2020)

The Robotics Lab was upgraded with an assembled server to enhance its capabilities in Artificial Intelligence in the fields of Healthcare, Agriculture, Automotive and Warehouses. The server includes:

1. NVIDIA Quadro RTX 8000 48GB GDDR6 Graphics Card
2. DEEPCOOL DQ850-M-V2L 850 w
3. GIGABYTE X570 AORUS ULTRA
4. MD RYZEN 3rd GEN PROCESSOR
5. COOLER MASTER MASTERLIQUID 240
6. Corsair Cabinet

In order to facilitate students in software programming, 20 Raspberry Pi Kit 4 Model IB 4 GB RAM were added to the Robotics Lab.

The Library has added one more Workstation (Intel Xeon E? 2124G 8th Gen, 1 GB nVID:A Quadro P1000 4GB, 32GB RAM, Win 10 Pro) (2019-20) and 2 Library Kiosk Dual Core for easy access to the Library catalogues. The Library uses the open source integrated library system KOHA and Barcode Scanner (Pegasus PSW 1400). The students' reading room is equipped with 12 Desktops and 12 Kindle.

The teachers' lounge has been installed with desktops. They have been provided Samsung J Max Tablets, with customized software, for timetable and attendance record. The non-teaching staff have been given smartphones. For conducting the online training programmes, 13 laptops, including 7 Apple MacBook Pro (15.4 inch with Core i7 2.5 GhZ 16GB 512 GB/AMD REDEON R9 M370X W/2 GB) have been procured.

The College redesigned its Website, with updated information, and made it user-friendly and interactive. **The Website is managed and maintained by the teachers of the College**.

File Description	Document
Upload any additional information	[View Document](#)

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 3:1

File Description	Document
Upload any additional information	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution

Response: A. ?50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 46.15

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
368.17	415.24	246.56	202.26	232.85

File Description	Document
Institutional data in prescribed format(Data template)	[View Document](#)
Audited statements of accounts	[View Document](#)

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

1. The Staff Council constitutes the following committees and lays down the policies to supervise the utilization and maintenance of physical infrastructure and support facilities of the Institution as per the University of Delhi guidelines :
   - Information Technology Infrastructure Committee
   - Development Fund and Infrastructure Committee
   - Library Committee
   - Sports Committee
   - Building, Maintenance & Supervision Committee
   - Purchases, Stock Disposal & Stock Verification Committee
2. The College has a newly constructed four-storey building, a service block, porta cabins, tiled parking area, gardens, playgrounds, underground rainwater harvesting tank and a boundary wall with two main gates. Physical infrastructure is maintained and kept functional for everyday use by the estate manager and caretaker. There are three full-time gardeners and one full-time electrician. There is a plumber, carpenter and another electrician who work part-time. During vacation time, necessary repair work and painting of the building is initiated.
3. There is a special **Utility Service Centre**, which houses a fully functional Sewage Treatment Plant, two generators, and water treatment plant. The maintenance of these services are done by the estate manager and technical staff, according to the policies of the Building, Maintenance & Supervision Committee.
4. The administration of the College has different units, with separate air-conditioned office spaces. The fully equipped Medical Room, maintained by the Building, Maintenance & Supervision Committee, has a nurse and provides timely first aid. In accordance with the College's policy of health outreach, regular Blood Donation and Health Camps are organised in collaboration with the NSS.
5. The Purchases, Stock Disposal & Stock Verification Committee supervises the utilization and maintenance of the infrastructural facilities of the College and disposes of unusable resources.
6. For the optimum utilization of the labs and classrooms, the Timetable Committee draws up an allocation schedule as per sanctioned strength of students of the Departments. Rules and regulations for the use of Labs are displayed at the entry.

7. IT infrastructure requires maintenance and upgradation and often has time-bound consumables, supervised by the Information Technology Infrastructure Committee. Training programmes are periodically organized to update the technical know-how of the staff and students so that IT equipment is properly used and stored. Maintenance protocols are followed with a regular schedule of checking of each and every IT equipment.

8. A Senior Technical Assistant (Computer) has been appointed to take care of the computers/IT-related assets in the computer labs, offices and classrooms. In-house technical staff is responsible for maintenance and upkeep of the computers and related accessories.

9. For the upkeep and maintenance of the physical and IT infrastructure, Annual Maintenance Contracts (AMCs) are in place. For some assets, there are seasonal AMCs in place.

10. The IT Department of the College is responsible for maintaining and supporting the network infrastructure, operations and security.

11. The Media Lab has latest and sophisticated equipment, consisting of cameras, lights, sound systems, teleprompters, interactive panel and chroma screen that are used in a soundproof studio for high quality audio-visual recording. The equipment of the lab are used to record all the events in the College.

12. The Media Lab is used by students and faculty for electronic media production. As a policy, the lab is permitted to be used by other institutions in the city and across the country.

13. For post-production, the Media Lab is equipped with MAC OS, with the latest editing software. The audio-visual materials are stored in high performance Network Attached Storage (NAS) servers. The equipment are upgraded and maintained on a regular basis by the Information Technology Infrastructure Committee.

14. The campus-wide CCTV cameras are strategically installed and maintained by the IT Department. There is a central monitoring room for display and recording done by all the CCTV cameras. This facility is utilized by the Discipline Committee, Internal Complaints Committee and Anti-ragging Committee for taking evidence based decisions.

15. The maintenance and utilization of library resources are the responsibility of the Library Committee. It allocates funds for purchase of new books and other requirements of the library. The library acquires the reading resources on the recommendations of the teachers. Some of the general and reference material and e-resources, needed by the library, are purchased by the Librarian in consultation with the Convener of the Committee. The rules and regulations for the use of the Library and its resources are displayed at various places in the Library and the College Website. Notices are uploaded on the College Website from time to time. The IT infrastructure in the Library are maintained by the Information Technology Infrastructure Committee.

16. The Department of Physical Education and Sports Sciences of the College, along with the Sports Committee, manage the sports infrastructure, including a high quality cricket pitch, with net practice areas; well-equipped gym, with a ring for weight lifting, boxing, wrestling, powerlifting and bodybuilding; space for yoga, tae-kwon-do and aerobics; and courts to play kabaddi, kho-kho and volleyball. There is a separate playground, which is used for athletics and football. Chess, carrom, table-tennis and badminton are facilitated and maintained by the Department.

17. Every semester, the students are required to fill up an IT and other infrastructure (library, sports, building, canteen) services survey. This feedback is an important aspect for systematic assessment of existing facilities.

18. Notices regarding the procedures and policies for utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms are issued from the Principal's office and displayed on the College website.

19. Maintenance and utilization of academic and support facilities are important aspects of the internal and external audits. Periodic review of audit assessments are carried out by the IQAC.

20. Internal communication and coordination is efficiently and promptly ensured through well-connected intercoms and walkie-talkie maintained by the Information Technology Infrastructure Committee.

21. The College has outsourced the housekeeping and security services. The cleanliness and hygiene of the entire campus is maintained by the dedicated housekeeping staff. The security guards are posted at strategic locations all over the campus to ensure round-the-clock security. During the Covid-19 pandemic, the College's policies and procedures have been in tandem with the Government and University guidelines regarding Covid-19.

File Description	Document
Upload any additional information	[View Document](#)

01-03-2022 01:08:57

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 6.81

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
64	79	77	329	255

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	[View Document]()
Upload any additional information	[View Document]()
Institutional data in prescribed format	[View Document]()

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 6.32

5.1.2.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
161	184	77	190	180

File Description	Document
Upload any additional information	[View Document]()
Institutional data in prescribed format	[View Document]()

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

    1.Soft skills
    2.Language and communication skills
    3.Life skills (Yoga, physical fitness, health and hygiene)
    4.ICT/computing skills

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 34.23

5.1.4.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2789	883	750	194	160

File Description	Document
Institutional data in prescribed format	View Document

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

    1.Implementation of guidelines of statutory/regulatory bodies
    2.Organisation wide awareness and undertakings on policies with zero tolerance
    3.Mechanisms for submission of online/offline students' grievances
    4.Timely redressal of the grievances through appropriate committees

Response: A. All of the above

01-03-2022 01:08:59

File Description	Document
Upload any additional information	[View Document](#)

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 30.87

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
263	238	238	214	124

File Description	Document
Self attested list of students placed	[View Document](#)
Institutional data in prescribed format	[View Document](#)

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 78.57

5.2.2.1 **Number of outgoing student progressing to higher education.**

Response: 660

File Description	Document
Institutional data in prescribed format	[View Document](#)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

Response: 28.43

5.2.3.1 **Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
16	34	34	26	39

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
87	110	103	98	117

File Description	Document
Institutional data in prescribed format	[View Document]

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 441

5.3.1.1 **Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
128	78	87	75	73

File Description	Document
Institutional data in prescribed format	[View Document]
e-copies of award letters and certificates	[View Document]

5.3.2 Institution facilitates students' representation and engagement in various adminstrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Response:

As a convention, Ramanujan College facilitates students' representation in various administrative, co-curricular and extracurricular activities.

1. The institution facilitates the democratic aspirations of the students through a formal student's representative body called the **Students' Union of Ramanujan College**. Through this platform, students can directly interact with the administration of the College regarding their concerns and grievances.

2. All the students of the College annually elect six office bearers to the College Students' Union: a) President b) Vice-President c) Secretary d) Joint- Secretary e) two Central Counsellors. As a policy, one seat is reserved for a woman candidate to encourage inclusive representation. The two Central Counsellors, if elected to the Delhi University Students' Union (DUSU) Executive Council, represent the College in the DUSU. **Students' Union Advisory Committee** of the College ensures a free and fair election process.

3. The College Students' Union functions on the guidelines laid by the University of Delhi. Some additional guidelines are annually framed by the Students' Union Advisory Committee of the College to ensure smooth functioning of the Union. The College provides a well-furnished office for them.

4. The College facilitates the Union to organise various activities including fresher's party, final year farewell, educational trips, students' welfare programmes. The College partners with the Union for the organisation of the Annual Cultural Festival of the College, Josh.

5. All the **cultural and department societies** of the College have students as their office bearers, who work under the guidance of faculty members. Various co-curricular activities are organised at the Department level.

6. There are three elected student representatives (one from each year) in the **Internals Complaint Committee (ICC)** against sexual harassment.

7. The **Internal Quality Assurance Cell (IQAC)** of the College has one student and an alumni representative who participate in all quality initiatives of the Cell.

8. As part of co-curricular activities, students actively participate in research projects and are selected as members in **Innovation, Star Innovation and other minor research projects**, funded by the University of Delhi/College. Students are encouraged to be part of the organising committee in workshops and seminars.

9. Student volunteers are assigned a significant role in the administrative work, pertaining to admissions. They ensure a smooth **admission process** by assisting and counselling the prospective candidates and their parents.

10. For an effective teaching- learning process, in the beginning of the academic year, the teachers facilitate the election process of two **class representatives**. During COVID-19, the class representatives also coordinated with the Timetable Committee for efficient dissemination of information.

11. In the **Placement Cell**, the student representatives play a pivotal role in inviting the companies/industries to the campus, organizing job/internship fairs and assisting the selection process.

12. The College offers **internships** during summer vacation for its students in administration, library, accounts and the Principal's office, on the basis of a rigorous interview process.

13. The student representatives provide valuable administrative and organizational assistance to the **Department of Physical Education and Sports Sciences** in conducting various intra- and inter-college events and competitions.

File Description	Document
Upload any additional information	[View Document](#)

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 71.8

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
90	77	67	70	55

File Description	Document
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

1. The College has a fully functional and active **Alumni Association, which was registered on 23 March 2018**, under the Societies Registration Act, 1860.
2. Alumni, who are presently employed in the College, form the **core committee** of the Alumni Association. Two faculty members of the College liaison with them for updating information and status of the alumni.
3. The Alumni Association provides **25 scholarships of Rs. 2500/- each**. Students are identified through a rigorous process, involving teachers in-charge of all the departments of the College, on need-cum-merit basis. These scholarships are awarded during the Annual Day of the College.
4. The **IQAC of the College has two alumni representatives** as members whose suggestions and support have enriched the activities of the IQAC.
5. The College has always looked forward to a meaningful and valuable association with its alumni. The alumni are invited for all important College events and programs. To sustain this spirit, almost all the departments of the College organise **alumni get-together**. Interactive meetings with the alumni are organized by the departments, who counsel the present students regarding career options and future choices pertaining to academic pursuit or vocational engagement.

6. The **placing of the college alumni in institutions of higher education**, in the country and abroad, and in the industry help to significantly improve the perception about the College. The alumni, who are **well-placed in the industry** are able to use their network to facilitate opportunities for the students in career advancement and placements.
7. The Alumni Association is independent of the College and has its separate funds, proper accounts of which are maintained.
8. The main objective of the Alumni Association is to reach out to the alumni to create and strengthen the bond between them and the institution.
9. In the past few years, the Association has collected detailed contact information of the College alumni. The Association, in collaboration with the College faculty, has conducted periodic surveys to gather information regarding academic progression, current job profile, and other information from the alumni. A proper record of all the data is maintained.
10. The Alumni Association funds and organizes its own annual meet. The highlight of the event is the **Convocation Ceremony** for the immediately passed out batches of students.
11. The College honours its distinguished alumni in special programmes and on the Annual Day.
12. The alumni continue to stay connected with the College also through the **cultural societies** and extend their expert guidance. They are invited for various workshops and training sessions conducted by the Societies.
13. Some **alumni have joined the College as teaching and non-teaching staff** and their interaction with the students have always been special.
14. There is a dedicated space in the College building for the office of the Association.

File Description	Document
Upload any additional information	[View Document](#)

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: A. ? 5 Lakhs

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

1. Ramanujan College aims to pursue academic excellence through the search for new horizons of knowledge. The teachers and students of the College are facilitated to realise their potential to fulfil the institutional vision of DISCOVER, EMPOWER, TRANSFORM: BUILDING A BETTER WORLD.
2. The core values of the College are inspired by the University of Delhi motto *Nishtha Dhriti Satyam* (Fortitude, Dedication, and Truthfulness).
3. In-built within the hierarchical structure of governance, as mandated by the University of Delhi, the institutional decision-making process is **democratic and collective**.
4. The **Governing Body has two teacher representatives** as its members, who voice faculty and student perspectives on the agenda of discussion.
5. The Staff Council of the College, which is a statutory body, constitutes a number of committees and subcommittees that dedicatedly work towards realising the mission of the College. The decisions and plans regarding admission, time-table, examinations, extracurricular activities and sports and purchases are routed through the **Staff Council,** which **is the highest decision-making body of the College**.
6. Carefully curated initiatives for fee concession, remedial classes, extra classes by the faculty of the College, personality development and placement services are carried out to nurture **socio-economic inclusivity**.
7. The Equal Opportunity Cell, the Outreach Programme Committee, the National Service Scheme, the Women Development Cell, the Internal Complaints Committee and the North East Cell of the College are committed towards **equity and empowerment**.
8. **The College teachers are an integral part of the IQAC**. All quality control measures are initiated and implemented by the teacher members under the aegis of the IQAC. They are instrumental in conducting Academic, Administrative and Green audits. In the wake of Covid-19 induced lockdown, the IQAC and the teachers collaborated, facilitated and organised numerous training programs, which enabled a smooth transition to online mode of teaching-learning.
9. **The mission of the College has been realised through TLC's endeavour to reach the unreached**. The IQAC initiated TLC has been able to train more one lakh teachers across the country through its online training programmes. All the recorded lectures have been uploaded and are freely available on the Ramanujan College's YouTube Channel, for wider and repeated viewing and learning.
10. The teachers of the College are encouraged to make decisions individually or collectively as a department/committee regarding academic programs, research and extra-curricular activities. The existing academic, accounting and infrastructural policies in place enable smooth and swift execution of programmes, **without any administrative red tapism**. Thus, making it possible to organize multiple programmes simultaneously.
11. The institution's mission is realised through the diligence and hard work of the teachers, non-teaching staff and students. This finds fulfillment when done in the spirit of mutual trust. **The College's practice of transparency and easy access to information are key to building trust**

and collaborative work culture.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

Ramanujan College has the practice of constituting committees for carrying out its various functions, thereby delegating responsibilities to the teachers and non-teaching staff, taking along the students. This reflects an environment of effective leadership through decentralization and collective participation.

The **Admission Process** effectuated by the College is a pertinent case study of effective leadership, decentralization and participation from teachers, non-teaching staff and students.

1. The admission process begins with the **Staff Council constituting the Admission Committee**, with three teacher conveners representing the Humanities, Sciences and the Commerce streams, along with other teacher members. Each Teacher Convenor has their specific responsibilities for the proper implementation of the rules and ensuring a smooth process.
2. Applications are invited by the University of Delhi through a **centralised online admission process**, while the cut-off percentage is decided by each department of the College. The decided cut-off percentages are then forwarded through the teacher in-charge to the Admission Committee of the College, which then formally informs the University of Delhi.
3. A **Nodal Officer** is appointed by the College to maintain an effective channel of communication between the College and the University.
4. The admission process is managed by all the teachers and non-teaching staff of the College. The duties are assigned according to the various admission lists of the University of Delhi. **The Admission Committee notifies the duty chart** to each of the teaching faculty and the non-teaching staff via e-mail. All the teachers of the College are allocated duties on a rotational basis.
5. During admissions, the eligibility of the candidate is ascertained by the subject teacher on duty. **The non-teaching staff verifies the documents and authenticates the certificates**, based on the data received from the university. These are then forwarded to the teacher in-charge of the Department for validation. The **Teacher Convener of each stream approves the application before sending it for final signature by the Principal**.
6. The IT Department is responsible for ensuring the availability and functioning of computers and high speed connectivity to the University servers. The **IT Department coordinates with other administrative units of the College for document verification, fee payment, record keeping and issue of ID and Library Cards**. They also keep track of confirmed admissions and withdrawals.
7. **Student volunteers from NSS assist in the admission process by counselling the prospective candidates and their parents.**

8. Some teaching and non teaching staff are entrusted with providing logistical support.
9. **Checks and counter checks at various levels of the admission process help in eliminating errors**.
10. Since the **whole admission process is online**, the teachers are able to perform their assigned duties from home even during Covid-19 lockdown.
11. The **decentralized process** gives responsibility to different teachers to take crucial decisions regarding admission, independent of the Principal, displaying **effective leadership**. The dynamic Principal of Ramanujan College, as the topmost administrative officer, has successfully created an environment of **mutual trust and confidence,** whereby he effectively delegates to the teaching and non-teaching staff. **The Principal was awarded the "50 Most Influential Principals of India" by World Education Congress in 2019**.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The inevitable fall out of the Covid 19 lockdown, imposed in the month of March 2020, was the nationwide shift towards online mode of delivering lectures and continuing with the teaching-learning process. The challenge that the Institution needed to address was to train the teachers for online teaching and continue to conduct the nationwide teacher training programmes, organised by the Teaching Learning Centre of the College.

With this in perspective, the Institution adopted a strategic plan of tasking the **Research Development and Services Cell** of the College to develop the following:

1. Design a customised **Learning Management System (LMS)** platform to cater to a large number of participants.
2. The LMS was required to be designed with a **user-friendly interface** and incorporate self-evaluation methods and a comprehensive feedback system to assess learning outcomes.
3. **Customised templates** of programme structure for easy accessibility.
4. The programmes on the LMS were to be **self-paced**, allowing the participants to access the course content at their convenience. However, the quizzes/assignments were to be completed within a given time frame.
5. Create a **database of online resource persons** across the country for providing enriching academic content for online lectures.
6. Facilitate **capacity building of teachers** nationwide.
7. Develop a system of issuing online certification, using the **Blockchain Technology**.
8. Optimal use of the resources of the Media Lab to develop **audio-visual resources** for online

dissemination of academic lectures.

With the above objectives in place, Ramanujan College launched online programmes through its Teaching Learning Centre, under the aegis of the MoE sponsored PMMMNMTT scheme. In the past one year, the College has conducted 65 online programmes, including one to three-week discipline-specific Faculty Development Programme/Refresher Courses, one to three-week courses on research and ICT and four-week Faculty Orientation/Induction Programmes for newly recruited teachers. Over a lakh of teachers nationwide have been successfully trained till date.

The successful implementation of this strategic plan has had the following direct benefits for the College:

1. Boosted the technical capability of the teachers of the Department of Computer Sciences and now the College is preparing to start a Data Processing Centre.
2. Major impetus to prepare the teachers of the College as **resource persons** for conducting training programmes.
3. Enhanced the **perception of Ramanujan College** nationwide as a leading institution that provides high quality online academic programmes.
4. The satisfaction of fulfilling the institutional vision and mission of **reaching out to the unreached**.
5. The LMS has been **cost effective** in terms of reaching out to a large number of participants as compared to offline programmes.
6. Promoted **peer learning** and encouraged the participants to resolve queries among themselves.
7. Developed a **nation wide network of participants**.

In keeping with the Institutional mission of nation building, **this strategic plan** helped in capacity building of a huge number of teachers across the country, many of them located in remote areas.

File Description	Document
Strategic Plan and deployment documents on the website	[View Document](#)
Paste link for additional information	[View Document](#)

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The attached Organogram depicts the institutional bodies that are responsible for creating and implementing the policies in an effective manner.

1. **Ministry of Education (MoE)**: All Central Universities are directly administered by the MoE. The University of Delhi is a Central University and Ramanujan College is its constituent College. It also receives grants from MoE.
2. **University Grants Commission (UGC)**: Ramanujan College is fully funded by the UGC. It regulates the minimum qualifications for appointment of teachers and other academic staff which is

applicable to the University of Delhi.

3. **University of Delhi**: The University of Delhi adopts the UGC rules and regulations. The supreme decision-making bodies of the University are the Executive Council and Academic Council and their decisions are binding on all the colleges of the University.

4. **Governing Body**: The Governing Body is constituted by the University of Delhi. Its Chairman and the members are also appointed by the University. The Principal is its Member Secretary and two teacher representatives are appointed rotationally. As the highest decision-making body of the Institution, it guides the College towards fulfilling its vision and mission. It plans and executes policies towards infrastructural development, academic growth and financial allocation.

5. **Principal**: The Principal is responsible for the administration of the academic and non-academic aspects. He ensures proper implementation of the rules and regulations. He initiates innovative administrative reforms and academic programmes.The Principal along with the **Bursar** is the final disbursing authority of the College. The Bursar is an ex-officio member of all finance related committees.

6. **Vice Principal**: He assists the Principal in administration work and supports him in his innovative reforms.

7. **Staff Council and its constituted committees**: The Staff Council is a statutory and highest decision-making body. It constitutes committees and subcommittees that decisively work to ensure smooth functioning on a daily basis. The Principal is the ex-officio chairperson of the Staff Council and a secretary is appointed through a democratic procedure.

8. **Internal Quality Assurance Cell (IQAC)**: The IQAC evaluates and upgrades the quality of the academic and administrative performance and institutionalises Best Practices. The IQAC was constituted in 2013 and its members were appointed as per the NAAC guidelines.The Principal is the Chairperson of the IQAC, while a senior faculty of the College is the Director. The Director is responsible for implementing the policies and procedures agreed upon by the IQAC.

9. **Departments**: The College has 16 departments and each department has a rotational teacher in-charge. Decisions regarding the academic and co-curricular activities are taken at the departmental meetings and are executed with the approval of the Principal.

10. **Administrative Staff**: The Administrative Officer along with Section Officers are responsible for all the non-academic departments (Administrative, Accounts, IT).

11. **Library**: The Librarian along with professional assistants looks after the Library functioning.

12. **Student Representatives**: The teachers facilitate the election of two class representatives from each class. The students are also part of various societies/cells.

File Description	Document
Link to Organogram of the Institution webpage	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
Institutional data in prescribed format(Data template)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

1. The existing Central Government welfare schemes adopted by the UGC are applicable to the employees of the Ramanujan College (like the medical expense reimbursement, different types of leave that the College employees may avail and LTC/HTC).
2. Ramanujan College provides a number of facilities for the wellbeing of its staff. The staff rooms, office spaces and the library are air-conditioned, well-furnished with well equipped pantries. The library has Wi-Fi enabled teachers' reading room and lounge, with computer-installed cubicles. The College canteen provides good, tasty and hygienic food.
3. Clean and green environment is crucial for the welfare of the staff and students. The College campus is abundant with trees and plants, well-kept lawns, a professionally maintained cricket field, clean washrooms, availability of RO drinking water and round the clock electricity supply. This helps in providing a conducive work environment. A responsive and helpful housekeeping and maintenance staff ensure the general caretaking of the College community.
4. The College has a functional medical room with two beds, oxygen cylinders, instruments to measure blood pressure, blood sugar and oxygen levels, and sufficient supply of basic medicines. A full-time trained nurse has been appointed to provide first aid and emergency medical help to the staff.
5. A Counselling Cell is run by selected teachers of the Department of Applied Psychology.
6. There is a well-maintained College gymnasium, with fitness instruments like push-up bars, a gym cycle and an automatic treadmill.
7. Due to Covid-19, adequate automatic hand sanitizers are installed at strategic places. Thermal scanning is done at the gates and masks are made available for free.
8. Proper logistical arrangements are taken care of when teachers and staff have to work for long hours for special College programmes.
9. A Cooperative Thrift and Credit Society for the teaching and non-teaching staff provides loans at a reasonable rate. All the College staff can avail Group Insurance Scheme (GIS)/National Pension Scheme (NPS). The University has a quota for admissions of eligible wards of the employees of the College.
10. Financial support and academic leave are provided to the teachers for attending workshops/conferences/seminars.
11. The IQAC has introduced the Ramanujan Achievement Awards for teaching staff of the College to incentivize them for their commendable research work/publications/innovative teaching/ paper presentations.
12. The IQAC has also introduced Ramanujan College Achievement Awards for non-teaching staff of the College to acknowledge their innovative administrative reforms and good practices. The administrative staff is encouraged to take up regular training and ICT skill development

programmes offered by the College, University and the MoE for their career advancement.

File Description	Document
Upload any additional information	[View Document](#)

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 40.03

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
70	58	45	2	31

File Description	Document
Institutional data in prescribed format(Data template)	[View Document](#)

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 20.6

6.3.3.1 **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
60	25	9	4	5

File Description	Document
Institutional data in prescribed format(Data template)	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation /

Induction Programmes, Refresher Course, Short Term Course).

Response: 46.37

6.3.4.1 **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
111	39	32	23	35

File Description	Document
Institutional data in prescribed format(Data template)	[View Document](#)

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

The promotion guidelines issued by UGC are adopted by the University of Delhi.

Teaching Staff

1. As per **UGC rules and guidelines**, teachers have to keep a record of their academic endeavours, research publications and other institutional activities, on an annual basis, for performance appraisal.
2. In order to be considered for promotion under **CAS**, a teacher needs to submit an annual self-appraisal report in the **Annual Performance Assessment Report (APAR)** Proforma before the end of every academic year, along with all documentary evidence.
3. After completion of the required years of experience and fulfillment of other requirements, **Performance Based Appraisal System (PBAS)** Proforma, with mandatory attachment of all the credentials, has to be submitted.
4. The teachers are assessed each year through APAR Proforma via a grading criteria based on Teaching (Number of Classes taught)/(total classes assigned) x 100)% and involvement in the administrative responsibilities, examination and evaluation duties, student related activities, organization of seminars/ workshops/conferences and research activities. A teacher is promoted upon receiving a specific grade in a minimum number of APARs, during the assessment period.
5. After the screening of the documents, the candidates have to appear before the **selection committee for a personal interview**, for the promotion to the post of Associate Professor/Professor.
6. The collected documents also help the institution to keep record of the teachers' progression and engagement with the institution. The Principal keeps track of the teachers' APAR and may counsel a teacher, whenever necessary.

Non Teaching Staff

1. Appointments are made by a) Promotion or b) Limited Departmental Examination (LDE).
2. Promotion for Group B, C and Multi-Tasking Staff shall be based on seniority cum fitness, APARs of the last 5 years and vigilance clearance. For the APARs, the benchmark for promotions is "Very Good" from 2016-17 onwards and "Good" for the preceding period.
3. Certificate training programmes are mandatory for several positions to be filled by promotions. The total requisite duration can be obtained by combining the duration of several training programmes.
4. LDE is held once in every recruitment year. If not held for two consecutive years, despite a vacancy, then the vacant positions of that respective year will be filled on temporary basis for a period not exceeding two years or till the post is filled on regular basis, whichever is earlier.
5. In case the vacancy is not filled through proper mode of appointment, the same may be filled through deputation/short term contract.
6. Unforeseen vacancies may be filled on a temporary basis by promotion till the post is filled on a regular basis. In case the post is not filled on temporary basis then the same may be filled through deputation/short term contract

The IQAC undertakes self-evaluation of the staff for audit purposes. A detailed assessment and evaluation of all individual Self-Evaluation Document (SEDs) submitted by the teaching and non-teaching staff are carried out by internal/external audit committees. Review meetings are organized by IQAC to apprise the staff of the assessment.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

1. **Ramanujan College follows the accounting procedures and rules as laid down by the Central Government of India**. The institution is fully funded by the UGC and also receives grants from the Ministry of Education.
2. As per the Government of India guidelines, most of the financial transactions are done on the **Public Financial Management System (PFMS)**. The Principal and the Bursar, who is a senior teaching faculty of the College, are the disbursing authorities.
3. All purchases are routed through the Staff Council constituted Purchase Committee and Infrastructure Committee. Major infrastructural purchases are done through **Government e-Marketing (GeM)** which enhances transparency, efficiency and speed in public procurement.
4. All rules for purchases, including raising of **quotations and tenders** are followed and **proper bills (with GST**, wherever applicable) are documented.
5. Deductions for Income Tax and Provident Fund are done as per the rules. A **salary certificate** is issued to the staff at the end of each month.
6. **Internal Financial Audit**: The College has a full-fledged Accounts Department headed by the

Administrative Officer (AO) and Section Officer (SO) who are responsible for supervising all the accounting processes of the Institution. Staff members are asked to submit the Minutes of the meetings and other valid documentation proof, which is attested and attached as support for all transactions and expenditures. This process ensures that a **proper record and justification** are available for all the expenditures and payments. Ramanujan College conducts Internal Financial Audit periodically by reviewing and cross-checking every transaction at multiple points through Accounts SO, Accounts AO, Bursar, and the Principal.

7. The University of Delhi, once every few years, also conducts the **Financial Audit** of the College.

8. **External Financial Audit:** Being a government-funded institution, the College takes the lead in conducting external financial audits annually to maintain the highest level of trust, transparency and integrity. External Financial Audit is conducted by the Auditors from the office of **Comptroller and Auditor General of India (CAG)**. The Accounts Department engages in the process, presenting the necessary supporting documents and explanations to queries, wherever necessary. **The audited annual financial statements are uploaded on the College website**.

9. **Audit objections**, if any, are raised through an official letter from the auditors. These are carefully considered and appropriate explanations are immediately made through a written report. Rectifications, if any, are to be made in the accounts of the next financial year. **Documents related to audit are maintained in an Accountant General of Central Revenue (AGCR) file**.

10. The College receives money from government agencies for conducting academic and extra-curricular programmes. The funds are disbursed on the basis of the **utilization certificates duly audited and attested** by the official Chartered Accountant (CA) of the College. The CA also files various returns for the College.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 605.66

6.4.2.1 **Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
561.14905	29.9589	6.553	2.13	5.87

File Description	Document
Institutional data in prescribed format(Data template)	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Resource mobilization policies are decided at various levels: the MoE, the UGC, the University of Delhi and the Governing Body.

1. The College applies for funds, with **detailed proposals and estimated budget under various schemes**. Funds are approved after scrutiny by the sanctioning authority.
2. The College receives funds for the construction of its building from the UGC and University of Delhi after the submission and approval of detailed plans.
3. The College receives funds from the MoE for the TLC, under the PMMMNMTT scheme, **to organise faculty enrichment/training programmes**. The TLC Core Committee decides on the policies for the funds utilisation. These funds are used for building office spaces, lecture theatre, Media Lab equipment and IT infrastructure. Honorarium for resource persons, remuneration for staff organizers and logistics for offline participants are also met with these funds.
4. The UGC funds are utilized for salaries and allowances. Funds under **planned and non-planned expenditures** from the UGC and University are spent for designated purposes. The funds marked for examination are utilized for conduct of examinations only.
5. For conducting the two B. Voc. Courses, under DDUKK, the College receives separate funds from the UGC, which are used for payment of **salaries** for the department teachers and infrastructural development.
6. Fees collected from the students, under different account heads have to be used for the respective purposes. The **funds are distributed equitably among the departments**, based on the number of students, needs and requirements.
7. A small percentage of the student **fee is paid to the University/Government as official charges**. A portion of the fees collected from the students of the Department of Vocation is transferred to the DDUKK fund.
8. During lockdown, all the TLC training programmes have been shifted to online mode. The first free trial online programme, received an overwhelming 16,000 registrations. However, after the successful conduct of the first programme, it was realised that a high capacity server and other technologies were required to support larger audiences. Hence, as a policy, with prior permission of the MoE, the participants were charged a nominal fee of Rs. 350-1600, depending on the nature and duration of the programme. A **total revenue of about Rs. 5 cr was generated in the financial year April 2020-March 2021**. These funds strengthened the technological and infrastructural capacity of the TLC.
9. The SERB-DST, UGC, DU and NAAC have **sanctioned funds for research projects and conferences/workshops**. The AICTE has sanctioned funds for the National Resource Centre of the College for developing MOOCs for the SWAYAM platform. The funds were utilized in infrastructure development, preparation of video resources, honorarium and conduct of the final examination. Funds are received after the submission of the Utilization Certificate, duly signed by

the official chartered accountant.

10. Ramanujan College shares its infrastructure and operates **study centres** for the IGNOU, NCWEB and the School of Open Learning (SOL), and funds are received from these institutions for specific purposes.

11. The Alumni Association also gives funds to the College for **need-cum-merit scholarships**.

File Description	Document
Upload any additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

I. Academic and Administrative Audit:

1. For the first time ever in the University of Delhi, External Academic Audit was conducted in a College. The IQAC, Ramanujan College, conducted the External Academic Audit on 12-13 September 2019 and External Administrative Audit on 19-20 December 2019.

2. The entire faculty submitted their Self-Evaluation Documents (SEDs) and Lesson Plans, as part of the process of internal and external academic audits. The teachers provided an assessment of the various facets of their pedagogy, research and interaction with students in their individual SEDs. Each Department also submitted SEDs, documenting their qualitative and quantitative achievements.

3. These documents were evaluated by a committee, consisting of three internal senior faculty and two external experts, as part of the Internal Academic Audit, and submitted a report.

4. For the purposes of the External Academic Audit, the departments and faculty were divided into three groups: Humanities and Social Sciences; Mathematical Sciences; and Commerce, Management and Economics. The Committee for External Academic Audit included Prof. R. K. Sharma (Department of Mathematics, IIT Delhi); Prof. Ujjwal Kumar Singh (Department of Political Science, DU); Prof. Daniel Lazar (Department of Commerce, University of Pondicherry); Prof. Shobha Bagai (Cluster Innovation Centre, DU); Prof. Anand Prakash (Head of the Department of Psychology, DU); and Prof. Reetesh Singh (Department of Commerce, DU). The Audit team scored the individual teachers as well as the departments based on parameters that arose out of the SEDs. A detailed report was submitted, which was later shared in departmental review meetings organised by the IQAC.

5. An External Administrative Audit was conducted for the Library, the Accounts and Administration Departments and the IT Department. The individual and departmental SEDs of the non-teaching staff were evaluated by a team of experts, including Prof. Ramesh Gaur (Dean, Director of Library and Information, IGNCA); Mr. Vikas Gupta (Registrar, DU); and Dr. Vikas Madan (Associate Professor, Department of Computer Science, SRCC).

II. Incentive for Research Publications:

1. The IQAC instituted the **Ramanujan College Achievement Awards** in 2017, to encourage teachers to undertake research and significantly contribute to their respective and interdisciplinary fields. Through these Awards, the IQAC recognised and felicitated outstanding contributions in academic research, innovative pedagogy, institutional representation and quality academic initiatives.

2. The IQAC issues a formal notification regarding the Awards. Teachers are invited to fill out the application form at the beginning of each academic session. The duly filled application forms are scrutinised by an independent Selection Committee, which is approved by the Governing Body (GB). **Recommendations of the Selection Committee presented in the GB meeting and final awards are announced.**

3. **Financial incentives** are given to teachers who presented high quality research papers in international conferences or/and published research papers in books and SCOPUS/Web of Science journals. The awards were also for teachers who were able to patent their inventions/innovation, introduce innovative teaching practices and made significant contributions in the field of Mathematics.

File Description	Document
Upload any additional information	[View Document](#)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives   )

Response:

I. **Institutional Incentives to Research**

1. Ramanujan College was awarded grade "A" in the NAAC Cycle I in February 2016. The NAAC peer team, in its valedictory review meeting, had pointed out that though the Institution had a teaching faculty, which was diligent and dedicated, needed to contribute to research and publications.

2. Traditionally, research at the undergraduate college level is not given much importance. However, the **IQAC recognised research by faculty as an important aspect of the teaching-learning process.**

3. The IQAC has initiated various measures to **support teachers in their engagement with academic research and publications**. All the teachers are mailed the department-wise list of SCOPUS and Web of Science journals in which they can publish papers. The College regularly organises lectures, workshops, and faculty development programs for teachers in which research methodologies and objectives are discussed by experts and senior academics.

4. E-resources and comfortable spaces are ensured for teachers to carry out their research work.

5. IQAC instituted the **Ramanujan College Achievement Awards in 2017, followed by financial incentives for research publications in SCOPUS/Web of Science Journals in 2019,** to

encourage teachers to undertake research and significantly contribute to their respective and interdisciplinary fields.

6. Through these Awards, IQAC recognised and felicitated outstanding contributions in academic research, innovative pedagogy, quality academic initiatives and institutional representation through paper presentation in recognized international conferences.

7. In the past five years, there has been considerable increase in publication; 65 articles have been published in SCOPUS/Web of Science and 107 in other academic journals.

II. Institutionalisation of Academic Audit

1. The IQAC constantly monitors the teaching quality, programme delivery and achievement of learning outcomes, through **Self Evaluation Documents (SEDs), Lesson Plans, Feedback Process and Internal and External Academic Audits**.

2. Every teacher develops Lesson Plans for the course/papers that he/she is teaching. It helps in **designing and aligning** the pedagogy, various co-curricular events and assessment practices to the requirements of the learners and learning outcomes of the course/paper.

3. The IQAC ensures that the **students' feedback** is analysed and action is taken.

4. The SEDs encourage the teachers to reflect on the relevance, quality and effectiveness of their role in teaching-learning, research and community engagement. The teachers review the importance of values like socio-cultural inclusivity, punctuality and consistency. Through the teachers' responses, the IQAC **evaluates** the teaching-learning process, **academic activities**, research policy and management, infrastructure, library resources, College's policies and procedures, along with considering the **requirement for upgradation**.

5. **Two Internal and one External Academic Audits** have been conducted by the IQAC in the last 5 years. The IQAC suggests to the administration measures to further enrich and maintain the institutional quality.

In the last five years, the IQAC initiatives have enriched the teaching-learning process and there is a **constant introspection and reflection on the part of the teachers, which has led to an increased use of new and innovative pedagogies and self advancement**. This is reflected in improved classroom attendance, increased departmental activities and quality learning outcomes as is also evident in improved results of the students.

File Description	Document
Upload any additional information	[View Document](#)

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO**

Certification, NBA)

Response: A. All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	<u>View Document</u>
Institutional data in prescribed format(Data template)	<u>View Document</u>
Paste web link of Annual reports of Institution	<u>View Document</u>

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

1. The courses offered by the College in Social Science disciplines have a component of **gender studies**, which are taught by teachers who have specializations in gender studies.
2. The College has close interaction with the University of Delhi's **Women's Studies and Development Centre (WSDC)** and does collaborative work to address women's issues in higher education.
3. **Session on gender sensitization** is a mandatory module of the Orientation/Induction Programmes organised by the TLC.
4. The College provides infrastructural facilities and human resources for the **Non-Collegiate Women's Education Board**, University of Delhi.
5. An all-boys College till 1994, the College has been offering **concessions** to women candidates in merit-based **admissions** to encourage them to be a part of this institution. In the past few years, the College has attained a near gender parity in student enrolment.
6. The **Kamla Kishori Memorial Scholarship is awarded annually to a girl candidate** securing the highest marks in I/II year of all the courses.
7. The College is dedicated towards creating a **gender inclusive campus** through various programmes, organized by the **Women Development Cell (WDC), Centre for Social Innovation, Outreach Programme Committee** and other College societies. These programmes address self-defence, sexual, reproductive and mental health issues of women and the significant roles they can play in different spheres.
8. In 2019, the College supported the **University of Warwick, UK, project** funded by J-PAL (Jameel Poverty Action Lab) a subsidiary of MIT, (USA) on 'Tracking Sexual Harassment'.
9. **Girl Up Ramanujan** is an endeavor to join the Girl Up initiative launched and backed by the United Nations, established with the strong determination to develop leadership skills among girls.
10. The **Girls Wing of the National Cadet Corps (NCC)** participates in various training programs and organises gender sensitization events in collaboration with NSS and WDC.
11. An **Internal Complaints Committee**, constituted on the guidelines of the Supreme Court of India, recieves complaints of sexual harassment, makes inquiry and recommends necessary actions.
12. Over the years, the **proportion of women in the teaching faculty** has improved from being less than 10 percent to almost 50 percent.
13. The College administration is sensitive to the health concerns of the women employees pre and postpartum. **Maternity and Child Care Leave** are sanctioned as per the University of Delhi rules. The College extends Maternity Leave to adhoc and contractual employees as well.
14. One post in the Students' Union is reserved for a girl student.
15. The Department of Applied Psychology counsels students and faculty, if required, to ensure gender inclusivity.
16. The campus has a girls' common room and separate and adequate girls washrooms, **equipped with a sanitary pad dispensing machine and Sanitary Pad Disposal Bins.**
17. The entire College is under CCTV surveillance and has a woman guard.
18. The College has entered an MoU with Aishwaryan Arusuvai Food Service to encourage women

entrepreneurship in the campus. Ms. Valli Palani, hailing from a modest rural background, has been supported by the College to successfully operate her self-employed business.

File Description	Document
Annual gender sensitization action plan	[View Document](#)
Specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. **Solar energy**
2. **Biogas plant**
3. **Wheeling to the Grid**
4. **Sensor-based energy conservation**
5. **Use of LED bulbs/ power efficient equipment**

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

1. Protecting and nurturing the environment is one of the fundamental philosophies of Ramanujan College.
2. According to the Global E-waste Monitor 2020 Report, a record 53.6 million tonnes of e-waste was generated in 2019, with just 17.4% getting recycled. India produced 3.2 million tonnes of e-waste, becoming the third largest producer in the world.
3. Considering such a grave situation, **Ramanujan College committed itself to manage its non-degradable e-waste and spread awareness among its fraternity regarding the same**. The

College has a tie-up with Karo Sambhav Pvt. Ltd., an electronic waste PRO, offering solutions for **e-waste management** and EPR Services in India. The College has collected 55 kgs of e-waste through awareness drives and sent it to the recycling unit for optimum utilization.

4. Another important degradable resource that needs attention is paper. The Supreme Court of India issued a circular in March 2020 to use only A4 size and double side printed paper for all court proceedings. Likewise, Ramanujan College **judiciously uses paper in the offices and for academic activities**. Waste paper generated by the College is collected by a NGO, Jaagruti: Waste Paper Recycling Services, which is processed and recycled to be reused, thereby lowering the impact of paper as the third largest polluter and saving the trees. Between 2016 to 2019, the College has successfully collected and sent approximately 5600 kgs of **waste paper for recycling**.

5. In the year 2019, four kgs of **biomedical hazardous waste** generated by the medical room of the College was given to the Biotic Waste Solutions Pvt. Ltd. to **responsibly treat, manage and dispose**.

6. **Water management** is the most crucial aspect of survival today, for which a well-planned infrastructure has been established in the College. A **rainwater harvesting structure** is installed, which helps to alleviate water stress issues during summers.

7. A **Sewage Treatment Plant** has been installed to manage an estimated 240 KLD sewage generated by the College. In order to conserve water, the treatment plant is designed to ensure that treated effluent (water) characteristics are well below the permissible limits so that it can be utilized to cater to flushing and irrigation requirements. **Sludge obtained from the sludge beds is reused as manure for neighboring landscape areas**. The **Bio-toilet** of the College converts organic human waste into reusable water, methane and carbon dioxide.

8. **Ecoman: A Solid Waste Management Machine** was installed in 2015 to manage the organic/biodegradable waste generated by the College. It decomposes the food waste and foliage of the College, reducing the amount of waste by 90% in volume and **converting it into compost within 24 hours**. It has a capacity of 25-30 kgs of waste compost and generates good quality manure.

9. Ramanujan College does not have laboratories for Pure Science Courses and, hence, **does not generate hazardous chemicals and radioactive waste**.

File Description	Document
Geotagged photographs of the facilities	[View Document](#)
Relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Any other relevant information	[View Document](#)

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: Any 4 or All of the above

File Description	Document
Geotagged photos / videos of the facilities	[View Document](#)

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions / awards**
5. **Beyond the campus environmental promotion activities**

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	[View Document](#)
Certification by the auditing agency	[View Document](#)
Certificates of the awards received	[View Document](#)
Any other relevant information	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**

4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

1. In pursuit of its vision and mission, Ramanujan College recognizes, values and takes into account the differences in people's backgrounds, experiences, knowledge, needs and skills to create a cohesive community and effective workforce. Diversity includes keeping an open mind to differences among cultures, regions, languages and socio-economic environment.
2. Ramanujan College follows the University of Delhi rules and regulations related to **socio-economic categories for appointment of staff and admission of students**.
3. **Classroom lectures are bilingual**, as and when required, and study materials are provided both in English and Hindi.
4. **Punjabi is offered as a language course** for B.A.(P) and B.Com. The College gives concession to students who have studied Punjabi in classes X and XII. **Linguistic diversity is brought into pedagogy**, especially in the Department of English, through the study of texts translated from many Indian Languages.
5. The College partially/fully **exempts the fee of students** at the time of admission, based on the annual income of their parents.
6. **Fee concession** to other students is provided after careful scrutiny by the Fee Concession Committee.
7. The **Alumni Scholarships** are also awarded on need-cum-merit basis.
8. **Laptops and books are issued to needy students**.
9. The foremost achievement of the TLC, Ramanujan College, has been to **reach the unreached** teachers in terms of regional diversity and geographically remote areas of the country. The TLC made special efforts to have teacher participants from remote and diverse areas during its offline training programmes. In its online endeavour, the TLC has been able to reach out to more than one lakh teachers in every nook and corner of the country.
10. Individual faculty put in practice various methods to **identify slow and advanced learners** in each class and cater to their differential needs and skills. Under the **Mentor-Mentee programme** of the College, each student is formally attached with a mentor teacher of the Department. The student can approach the mentor for any academic or personal issues. These efforts help in not only reducing learning gaps but also promotes tolerance and harmony.
11. A **compulsory personality development course** encourages holistic development and assists in

confidence building of all the students.

12. Adhering to the national effort to mainstream the students from North East India, the College has established the **North East Cell** to provide the students a platform to nurture their culture.

13. The UGC-mandated **Equal Opportunity Cell** of the College oversees the effective implementation of policies and programmes for disadvantaged groups, and provides guidance and counselling with respect to academic, financial, social and other matters to enhance the diversity within the campus.

14. The Bhangra Regiment, the Punjabi Folk Dance Society of Ramanujan College, preserves the **traditional qualities of the Bhangra dance**.

15. Jazba, the theatre society of the College, has presented prestigious award winning street plays on **socially relevant issues based on class, caste and gender**.

16. The College inculcates tolerance, communal harmony and inclusivity among the students and staff by **celebrating national and international commemorative days, events and festivals** (Details in 7.1.11).

File Description	Document
Any other relevant information.	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

1. Ramanujan College is consistently engaged in translating into action the values, rights, duties and responsibilities of citizens as enshrined in the Constitution of India.

2. One example is the establishment of the **Centre for Ethics and Values (CEV)** in 2010. CEV was created with an objective of imparting values-based education to students and professionals, which was in consonance with the Constitutional ideas of individual duties and rights. CEV has organized five **international conferences** on ethical issues, two ethics conclaves in collaboration with New Delhi's Tibet House, and published seven volumes of the *International Journal of Applied Ethics* (ISSN: 2321-2497).

3. **In-built within the academic and administrative practices** of the College, is a sense of responsibility and duty, which is reflected in practices involving teaching, research, examination, evaluation, admission, and appointments.

4. The College regularly organizes **workshops and lectures** to make the academic fraternity aware regarding **plagiarism**.

5. To sensitize the students and staff of the College regarding the need to combat corruption and malpractices, **Vigilance Week** is organized every year from 31 October to 4 November, in line with the Central Vigilance Commission.

6. A **Model Code of Ethics for College Teachers** was approved in a week-long (15-21 December 2017) skill enhancement programme, organized by the TLC, Ramanujan College.

7. Through **regular outreach activities**, like visits to old age homes, educating slum children and donation drives, the College helps the students to broaden the understanding of their duties towards the larger society and develop compassion and empathy for people who are marginalised and disadvantaged.

8. The Anti-ragging Committee, the Internal Complaints Committee, the Discipline Committee, the

Equal Opportunity Cell, SC/ST Observation Committee and Admission Grievance Committee to **create a duty conscious community**.

9. The Centre for Human Rights Studies was established in 2014 to make the students aware about their rights, duties and obligations. The Centre offers a **three-month Certificate Course to familiarise the students with the fundamentals of national and international instruments and mechanisms for promotion and protection of human rights**.

10. A variety of activities, involving a large number of students, are conducted to celebrate Voter's Day, Ambedkar Jayanti, Good Governance Day, Constitution Day, Women's Day and Human Rights Day.

11. The NSS Unit of the College works towards reaching out to the larger community and engaging in **social work**.

12. Ramanujan College believes that the creation of a good citizen, both students and staff, is possible when there is a **conducive workplace** for the fulfilment of an individual's aspirations and desires. Keeping this in mind, the College launched the **School of Happiness** in 2018. The School focuses on the study of the concept of happiness and its academic and cultural relevance and implications in contemporary society. Fulfilling a social requirement of providing mental-cum-physical well-being, especially during the Covid-19 pandemic, the School conducted meditation classes for students and faculty.

The College's concern regarding the above and its responses through different initiatives and activities, over the past decade, has placed it in an **unprecedented leadership role**.

File Description	Document
Any other relevant information	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

1. The College commemorates the **birth anniversary of the genius mathematician Srinivasa Ramanujan** every year on the 22nd of December, which is also the **National Mathematics Day**, by celebrating it as the College Foundation Day. On this day, the College holds its Annual Ramanujan Memorial Lecture in which eminent academicians are invited to deliver a lecture on their area of academic specialization.

2. Relevant talks by eminent academicians and scholars are organised to celebrate the **birth anniversary of Dr. B.R. Ambedkar** (14 April), the **Constitution Day** (26 November), the **International Human Rights Day** (10 December) and the **Hindi Diwas** (14 September).

3. Inspired by the **Swachh Bharat Abhiyan**, launched on the birthday of Mahatma Gandhi (2 October), **Swacchta Pakhwada**, a 15 days cleanliness drive, is organised every semester, to clean the College premises and the adjoining areas.

4. Every year, the **International Women's Day** (8 March) is celebrated by organising programmes on gender equality and justice, by the ICC, WDC and the Girl Up society of the College.

5. **Vigilance Week** is observed every year from 31 October to 4 November, in line with the Central Vigilance Commission, to sensitize the students and staff of the College regarding the need to combat corruption and malpractices.

6. **World Environment Day** (5 June) is observed with the planting of saplings. As a part of the **Earth Hour Movement**, Tatva, the Eco Club, encourages the students and staff to turn off the non-essential electric lights. **Van Mahotsav Week** (1-7 July) is organised by administering Green Pledge to the students.

7. Cultural programmes are organised on the occasion of **Independence Day and the Republic Day** for the Coolie Camp and Govindpuri Slum children.

8. The College organized a **Unity Run on the Rashtriya Ekta Diwas** to celebrate the birth anniversary of Sardar Vallabh Bhai Patel on 31 October 2017.

9. **National Voters' Day** (25 January) is observed with the setting up of the Voter Awareness Forum. The NSS also organises programmes to make the youth aware about their electoral rights.

10. The teaching and non-teaching staff of the College observe two-minutes silence to pay tribute to the martyrs on the **Martyrs Day** (30th January).

11. A series of events are organised to commemorate the **National Girl Child Day** (24 January). On this day in 2020, a workshop on good & bad touch for the children was organised in the Govindpuri Slum.

12. The birth anniversary of S. Radhakrishnan (5 September), is celebrated enthusiastically by the students as the **Teachers' Day**.

13. The **Diwali Mela** is organized every year, before Diwali, in which all the societies put up different stalls of games, handmade gift items, bakery goodies and eco-friendly diyas.

14. On **Christmas Eve**, children of the NGO Rupantran are gifted with stationary, candies and snacks.

15. Eco-friendly **Ganesh Chaturthi** was celebrated with a beautiful mud and clay idol of Lord Ganesha made by the College Students.

16. The spring festival, **Basant Panchami**, the monsoon festival, **Hariyali Teej** and the winter festival, **Lohri** are celebrated in the College with fun and fervor.

File Description	Document
Geotagged photographs of some of the events	[View Document](#)
Annual report of the celebrations and commemorative events for the last five years	[View Document](#)

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

In the last five years, the College has successfully undertaken many innovative academic and administrative initiatives.

Best Practice 1

TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE, was established in 2017. It is sponsored by the Ministry of Education (MoE) under the aegis of the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) Scheme.

Objectives of the Practice:

The TLC was set up with the motto of **"Reaching the Unreached"**. The College, through the TLC, endeavours to achieve the following:

1. To **train teachers**, in the higher learning institutions across the country, by **conducting quality academic and capacity building programmes**. The Centre is mandated by the PMMMNMTT to organize faculty development and enrichment programmes through offline and online modes.
2. To create an opportunity for teachers **to learn and interact with eminent scholars and academicians**.
3. To extend formal training to the newly inducted teachers **to prepare for future professional engagements**.
4. To acquaint teachers with **modern pedagogical methods, teachers' responsibilities, curriculum and content creation, scientific assessment and evaluation and ways of creating an inclusive classroom**.
5. To prepare teachers for the **futuristic blended learning mode** of teaching-learning.
6. To equip teachers to make the latest **research-based knowledge** relevant in the classroom.
7. To create and provide a platform where academicians across the country, especially teachers from remote areas, can develop, discuss and share the various academic skills, leading to **formation of knowledge capital**.

The Context:

The teachers in higher education require formal training at the entry level in pedagogical methods and research. Regular exposure to **latest skill enhancement and knowledge updation programmes** are also required. The College has been playing a constructive role in nation building by reaching out to the larger teaching community and prioritising academic excellence through training programmes.

There was a timely announcement by the erstwhile-MHRD seeking application from colleges/universities for setting up of Teaching Learning Centre/Faculty Development Centres/National Resource Centres/Centre for Excellence. The IQAC applied for the Teaching Learning Centre. Through a rigorous application process and a series of presentations, TLC was awarded to Ramanujan College by the MHRD in 2017. **In the University of Delhi, Ramanujan College is one of the two institutions to have received this prestigious Centre**.

The Practice:

TLC is an integral component of the PMMMNMTT scheme, which was launched as a foundation for reformed and contemporary educational edifice in the country. **The Centre offers Faculty Induction/Orientation Programmes (FIPs) for newly recruited faculty and discipline specific and interdisciplinary Faculty Development Programs (FDPs)/Refresher Courses, Conferences and Workshops.**

The FIP content is based on the **12 Modules/Topics** as mandated in the mission of the PMMMNMTT, broadly including innovative teaching-learning pedagogies, research methodologies, ICT-enabled curriculum and e-content development, interpersonal skills and institutional values.

Interactive Conferences/Seminars and 1/2/3 Day Brainstorming Programmes are held on varied topics to cultivate creative ideas for meaningful research projects.

The FDP content is usually based on in-depth subject knowledge, **quantitative and qualitative research methodologies**, and on an interdisciplinary approach as is envisaged in the National Education Policy (NEP), 2020.

The programmes are experiential and learner-centric. A high level of engagement is ensured through daily quizzes/assignments and self-assessment methods. Sessions focus on ICT skills and online teaching/evaluative methods, gender sensitization, stress management, work-life balance, action-oriented evaluation models, research ethics and plagiarism issues.

A **TLC lecture theatre** has been developed, equipped with the latest technology, like LAN, smart board, gooseneck microphones and speakers to encourage productive conversation. A special office space has been created to carry out routine work.

Distinguished and internationally acclaimed resource persons deliver lectures and conduct sessions on wide ranging disciplines/topics of relevance in the contemporary and ever evolving global scenario to benefit the teaching fraternity, corporates and researchers.

In the context of Covid-19, all programmes are being conducted online, adhering to the MoE and UGC **Four Quadrant Approach (e - tutorial, e - content, Self - Assessment and Web Resources)**.

In order to cater to a large number of online participants, an in-house **Learning Management System (LMS)** was developed, **hosted on CLOUD with high scalability and reliability**. The LMS is predominantly participant-friendly and incorporates evaluation methods and comprehensive feedback systems to judge learning outcomes.

There is regular follow-up with the participants, during each programme, through Google

Classroom/Telegram/Discussion Forum.

The TLC has developed programmes to equip the teachers with various tools and applications for online teaching and develop **Massive Open Online Courses (MOOCs)**. A number of FDPs/FIPs were launched and thousands of teachers have been successfully trained. **Incorporating the NEP 2020 objectives, the MOOC 4.0 course was the first attempt of its kind, launched in 10 different Indian languages at the same time**.

In order to organise mutually beneficial teacher training programmes, the College has entered into a number of **Memorandums of Understanding (MoUs) with institutions** and organisations pan India.

Online certificates are issued using the **Blockchain Technology** to ensure authenticity and verifiability. All the TLC programmes have enabled the teachers to develop new and unique skills for making their classroom teaching more meaningful and effective.

Evidence of Success:

1. Successfully conducted more than 100 programmes since October 2017. TLC programmes have witnessed **overwhelming response** and there has been consistent demand for more programmes.
2. **More than one lakh teachers** have been trained, many of whom have accessed these programmes from remote parts of the country.
3. Numerous oral, written and video **feedback from participants**, received through entrusted platforms as well as social networking platforms, have testified that the sessions were lively, informative and interactive; the content was beneficial for effective teaching and research; there was significant enhancement of knowledge after attending the programme; and a large number of them would **recommend Ramanujan TLC programmes.**
4. A **pool of eminent resource persons** has been curated.
5. A **repository of research and academic knowledge** (video lectures, e-content, MOOCs) for ready reference has been developed.
6. The organisation of these FIPs/FDPs and management of a large number of programmes was made possible only with the sincere involvement of many **committed teachers** from various departments of the College. The organiser teachers have gained expertise in conceptualising programme details, production of video lectures, hosting of lectures online as well as in Open edX platforms and managing large numbers of participants. These programmes have helped many teachers to evolve into resource persons and subject experts.
7. There has been an increasing demand to collaborate with the TLC. **Many colleges and universities from across the country have signed MoUs, to benefit from the TLC's reach, experience and expertise.**
8. All the recorded video lectures of the online TLC programmes can be accessed via the Official YouTube Channel of Ramanujan College. The channel already has more than 21,000 subscribers and 70,00,000 views.
9. Participants were successfully **acquainted with blended learning mode** and have **created more than 2000 practice MOOCs** and their own web pages.
10. **Number of participants and revenue generated have increased exponentially since the inception, which indicates the phenomenal growth of TLC.**

Problems Encountered and Resources Required:

1. Balancing time between teaching workload and TLC responsibilities for teacher organisers.
2. Creating academic content to suit participants' diverse knowledge level.
3. Reaching out to multilingual participants.
4. Difficulty faced by the registered participants to get duty leave from their parent institution, especially for four-week offline FIP.
5. Evaluation of bulk assignments submitted by the large number of participants.
6. Disruption of teaching-learning during Covid-19 and the unavailability of adequate staff in the College to facilitate the programmes.
7. For the online programmes, there were problems beyond the control of the TLC, like minor technical glitches, slow internet connectivity and lack of technical know-how of the participants.

As the online programmes began to cater to a larger number of participants, TLC realised that big capacity servers and better portal management were required. **The TLC has updated IT infrastructure in terms of Artificial Intelligence, Cloud Computing, Blockchain and Simulations**.

Best Practice 2

TRANSFORMING RAMANUJAN COLLEGE INTO A DIGITALLY EMPOWERED INSTITUTION AND KNOWLEDGE CENTRE

Objectives of the Practice:

1. There has been a **consistent emphasis on capacity building** which is supported by the Information and Communication Technology (ICT) application in various aspects of the College's corporate life.
2. To enable the **blended learning approach** to education for anywhere, anytime teaching-learning.
3. **To use ICT to enrich the teaching-learning practices** in the institution.
4. To use ICT for increasing **work efficiency**, save time and avoid duplication of work.
5. To use ICT for **cost-effective, systematic, paperless documentation and record-keeping**.
6. To bring the institution **at par with international ICT standards.**
7. To acquire and introduce the latest technology and **upgrade existing ICT infrastructure**.
8. To have ICT systems in place for easy and **fast communication networks, nationally and internationally**.
9. To **upgrade the Media Lab** with advanced technology for high quality electronic media production. The Media Lab will serve as a **resource centre** which will be open for use by the other institutions both in Delhi and out and to provide consultancy.
10. To reach a **larger audience** for training and other programmes offered by the College.

The Context:

The Government of India has a major policy emphasis to promote Digital India and e-Governance. In the same spirit, the Institution was conscious of the fact that ICT will have a deep impact on the education system in the future. It will also be an enabler for **greater administrative efficiency**. **Quantitative research, data analysis, use of media and graphics** were to be an integral part of the teaching-learning process. In this context, Ramanujan College proactively undertook the process of digitalisation. The traditional methods are needed to be complemented with the modern ICT to acquire and disseminate

knowledge, to keep pace with the fast changing digital world and the students' evolving aspirations.

In the additional context of Covid-19, besides online teaching-learning, all administrative and accounting processes have entirely been shifted to the digital mode. Thus, the pandemic has contextualised and further amplified the on-going digital transformation in the College.

The Practice:

1. In the last five years, consistent efforts and **financial investments** have been made to augment the existing ICT infrastructure. The entire College fraternity has acquainted themselves and embraced the digitalisation process enthusiastically.
2. All the classrooms, the conference room and the seminar rooms are **ICT-enabled**, with projectors and screens.
3. The TLC Office, TLC Lecture theatre and the Robotics Lab have been equipped with the latest ICT infrastructure. LED screens have been installed in the TLC Office, Staff Room and Principal's Office.
4. The Media Lab has been upgraded with a **sound-proof studio, latest production and post-production equipment, including touch-screen** interactive panels. The facilities are used by the students and faculty for electronic media production. The Media Lab is supported by a **100 TB Network Attached Storage (NAS)** for safe keeping of digital data.
5. The College has developed **five computer labs**, fully equipped with modern infrastructure and technology, and a total of 160 Mbps internet bandwidth (**100 Mbps from University of Delhi, 50 Mbps from DEN Network and 10 Mbps from Jio**). The Computer Labs and the Accounting and Finance Lab have been updated with the latest Software packages (SPSS, Mathematica and Tally). **The student-computer ratio has been augmented to 3:1**.
6. The College **Library has been fully automated**, with a free and open source library management system, KOHA. The library provides e-reader KINDLE to the students to access e-books.
7. The College has customised a **user-friendly Enterprise Resource Planning (ERP) solution to manage students' attendance**.
8. All the administrative offices have been fully computerized and equipped with scanners, printers, internet facilities and necessary software.
9. Campus-wide surveillance has been ensured through the installation and maintenance of CCTV cameras at all strategic locations.
10. The faculty have been provided with laptops and tablets and the non-teaching staff with smartphones. The Students are also issued laptops as per their requirement.
11. Besides the general training programmes, **special ICT training** is provided to the teaching and non-teaching staff. The Students are upskilled in specialised software and newly acquired equipment.
12. The TLC has been **pioneering in training teachers across the country** in the use of ICT applications, including designing of the MOOCs. More than one lakh teachers of various disciplines have benefitted from the TLC programmes.

Evidence of Success:

1. **100%** teaching and non-teaching staff of the College have been **trained in the use of ICT application**.
2. As an early ICT initiative, a successful **TED Talk** was organised by the students in December 2016, titled "Reality Beyond Conventions".
3. There is an **increased use of ICT** by the teachers in classroom teaching, evaluation and

assessments, use of audio-visual resources, applications to engage the students, recording/uploading lectures in various platforms, data analysis through software.

4. All the teachers use tablets, with pre-installed Enterprise Resource Planning, for attendance.

5. The **Administration, Accounts and Library are fully automated**, equipped with the necessary infrastructure and software.

6. All **financial transactions and tendering processes have become faster** and easier with the use of digital signature.

7. **Procurement, accession and issue/return of books from the Library has become easier and faster.**

8. All official communications and notices are sent via e-mail and other online platforms.

9. The **teachers use the Media Lab to record lectures**. TLC has been extensively using the Media Lab for conducting online teacher training programmes.

10. The online TLC programmes are **self-paced** and based on blended learning mode, allowing the participants the **flexibility to access them anywhere, anytime**.

11. The **Media Lab has extended consultancy services** to other colleges and institutions across the country. It is also responsible for storing all the audio-visual digital data.

12. The students of First Cut Society (film making society) use the Media Lab and its resources for their **production and post-production of films/videos/documentaries**.

13. Ramanujan College has a **vibrant presence on the social media platforms** including, the official YouTube Channel of the College, Instagram, Facebook and LinkedIn. The staff and students of the College are akin to using these platforms for effective communication and publicise various curricular and extracurricular events.

14. **The website of the UGC-Care listed Ramanujan International Journal of Business and Research (ISSN 2455-5959) facilitates the online administration of the entire process of publication**, right from the submission of the manuscript to the final publication. In addition, the website has plugins for Crossref indexation, similarity tests, DOI plugin, ORCID login to mention a few. The digitised version of the previous volumes is available in the Archives section of the website.

15. In the Covid-19 induced transition to online teaching-learning, the College has adopted a uniform platform, **Microsoft Teams**, for the daily classes and other related works.

16. The use of ICT supports **prompt decision making and quick action**.

Problems Encountered and Resources Required

1. The non-availability of strong network connectivity (low bandwidth) from the service providers is a major handicap in the use of ICT facilities.

2. Varied levels of technical know-how, at times, is a challenge to have all the teachers on the same page.

3. In the initial stages, some non-teaching staff found the transition to ICT-based work, time consuming and difficult.

4. The online teaching-learning through ICT platforms can not completely compensate for the face-to-face lively interactions.

5. The teachers are constantly endeavouring to find ways and means to fill the gap between the offline and online teaching-learning process.

The College has the challenge to cater to increased volumes of digitalisation and take steps to fulfill the requirement of high-capacity servers, CLOUD storage and data processing systems.

File Description	Document
Best practices in the Institutional web site	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

THE INSTITUTION IS DISTINCTIVE IN ITS THRUST TOWARDS **CAPACITY BUILDING** FOR TEACHING, NON-TEACHING STAFF AND STUDENTS

Ramanujan College provides every **opportunity to its teachers, non-teaching staff and students for an ethical and moral value-based self-development to meet the challenges of the dynamic teaching-learning environment**. This is vital for the growth and advancement of the institution. In line with the NEP 2020 objectives, the College is consistent in its commitment to enhance the quality of its faculty, catalyse high standard academic research in discipline specific and interdisciplinary fields, build effective governance and leadership and provide an optimal learning environment and support system for the students. **The College has a collaborative and interactive work culture.**

One of the significant aspects has been the development of state-of-the-art ICT infrastructure in the College that is easily accessible to teachers, non-teaching staff and students. The College periodically organises training programmes in the latest ICT applications and tools in higher education. **In the past five years, the practice of capacity building has been strengthened in multiple dimensions.**

For teaching staff:

1. The College encourages young and newly recruited faculty to participate in FIPs and enhances skill development of teachers through FDPs/Refresher Courses/Workshop. The teachers are **financially and administratively supported.**
2. **Workshops and hands-on training for skill development** of teachers focuses on preparing for classroom (offline/online) lectures, accessing Open Educational Resources (OERs), using Creative Common License (CCL) and google applications, creating MOOCs and video resources through Open Broadcaster Software (OBS) and other meaningful teacher-student engagement.
3. In the context of Covid-19, all teaching learning was shifted to the MS Teams platform. A group of **expert teachers were given the responsibility to train and guide the faculty to ensure smooth transition.**
4. The IQAC has instituted research grants, awards and incentives in various categories to recognize substantial research contributions, thereby motivating the faculty to undertake doctoral and postdoctoral studies, quality academic research and publication in reputed and accredited journals. **As many as 22 faculty members have published in SCOPUS or Web of Science accredited journals** in the past year and half. Teachers have also published in books and contributed chapters in books.
5. The infrastructural incentives provided to the teachers helped them to **develop their respective departments** and acquire Honours courses. In the past five years, the College has been granted

Honours courses in Economics, Environmental Science and History.

6. In the TLC programmes, teachers of the College serve in the capacity of Programme Director, Convenors, Co-convenors, Organizing Secretaries and Organizing members. These engagements enable the teachers **to recognise their own potential, increase productivity in the workplace, undertake multiple roles, develop leadership quality, and build a sense of teamwork.** Many teachers of the College have been invited as valued **resource persons and keynote speakers** in national and international academic events.

7. The teachers have taken up **minor and major research projects,** funded by the College/University of Delhi/UGC.

8. The College **values the long-term physical and emotional well-being of its teachers** in order to support their teaching-learning, research and organisational roles and responsibilities. The School of Happiness plays an important role in this endeavour by organising talks, yoga and meditation sessions.

9. The College extends **administrative support** for faculty to engage in curriculum development, content creation, question paper setting and evaluation.

For non-teaching staff:

1. **Basic and advanced ICT workshops** have been organised to increase efficiency in work outcomes.

2. Administrative and accounts related workshops for non-teaching staff have been held for **updating knowledge and skills**.

3. **FDPs for library professionals** have been organised, including training sessions on KOHA.

4. Non-teaching staff organise **regular talks and seminars** and attend programmes in other colleges/universities.

5. **Non - teaching staff has been provided training in the application of latest media software and use of equipment** to produce high quality media resources.

6. The IQAC has instituted an **award for innovative administrative reform**, which has been initiated and practiced.

7. Non-teaching staff are involved in supporting faculty in organising TLC programmes, which has **enhanced their work spectrum**.

The IQAC periodically facilitates academic and administrative audits. Department-wise post-audit review meetings are conducted, which allows the teacher and non-teaching staff to introspect and channelise their strengths to acquire more skills and expertise, pivotal to their promotions.

For students:

1. Compulsory **personality development course** has been introduced for students of all disciplines to groom and make them industry-ready.

2. **Executive Certificate Programmes** for students, supporting the curriculum and bridge courses for advanced studies, are regularly organised.

3. **ICT and Research Tools and software Certificate Courses** have been specially designed for the students.

4. Students are encouraged to organise a wide range of activities under the umbrella of departmental and other **academic societies/cells to hone organizational skills and learn beyond the classroom.**

5. The College offers **remunerative internships** for students in the Principal's Office, Library,

Accounts and Administrative Office, in which they get hands-on experience, useful for future professional life.

6. Special training courses are offered to prepare the students to face **competitive exams and entrance tests.**

7. Placements have never been the mainstay of undergraduate colleges of University of Delhi. However, Ramanujan College encouraged the students to actively **participate in placement related activities, organise Aarambh - the job fair**, and take up internships along with studies. Many of the students have been **selected for placement in MNCs and reputed organizations.**

8. Students are encouraged to identify, explore and develop their hidden talents and potential through a wide array of societies, promoting **extracurricular activities.** Students are largely involved in the organization of the Annual Cultural Fest of the College, JOSH.

9. With the aim to further develop independent thinking and diverse perspectives, the College has entered into MoUs with Management Centre Innsbruck (MCI), Austria, and the Western Sydney University, Australia, for **Student Exchange Programmes.**

With this thrust in capacity building, Ramanujan College is poised to take on greater academic challenges in the future and become the most sought after institution of higher education.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

FUTURE PLANS OF THE INSTITUTION

1. The Research Development and Services Cell plans to install its own Cloud Infrastructure to host its servers for research and data analysis. The Cloud is one of its kind, which will pave the way to develop new technologies and analysis for research scholars and faculty. With the likelihood of increased blended learning, as per UGC recommendations, these facilities will be a great enabler for the College.
2. Completion of construction of the entire sanctioned campus plan.
3. With the introduction of contemporary-relevant new courses, both in the vocational and general streams, the College aims to become a greater resource hub as well as a centre for interdisciplinary studies and research. This is aligned with the recommendations of the NEP 2020.
4. Sign more MoUs with reputed international institutions for greater academic engagement and exposure to the students.
5. Establish more partnerships with industry bodies for skill-based training, internships and final placements of students.
6. Promote and incubate entrepreneurial initiatives, especially start-ups and social entrepreneurship with increased vigour.
7. Devising a formal interactive structure consisting of parents and other society stakeholders, where they can have consistent, meaningful and valuable exchange.
8. The publication of journals in mathematical sciences.

Concluding Remarks :

In 2017, with the construction of a portion of the Academic Block, the College withdrew from the spaces that it shared with the adjoining Deshbandhu College and started functioning from its own campus. This was an opportunity for an unprecedented expansion in academic, administrative and sports infrastructure. New courses were introduced and more staff members were recruited. With added energetic staff and high quality infrastructure, the College embarked on a mission to provide an excellent teaching-learning environment to its students and undertake national-level projects with the aim of becoming an institution par excellence.

In view of the vision and mission of the College, the IQAC focussed on capacity building of its students and staff.

The learning experience of the students has been greatly enhanced by the ICT and innovative pedagogies. The value added and executive development programmes for the students along with various co-curricular and extra-curricular societies/events contributes to their holistic development and makes them confident to face the larger world.

The College supports the teachers in every aspect of academic self-development. The IQAC initiates measures to empower the teachers' research and teaching capabilities by encouraging them to participate in discipline-specific and interdisciplinary faculty enrichment programmes and courses. Special initiatives are taken for teachers' ICT training and integrating the same into education. The upgraded capacities of teachers gave the College the strength to apply to MHRD for the Teaching Learning Centre. The College publishes two

international journals and encourages original research by institutionalising research awards.

The TLC, sanctioned in 2017, was a launching pad for 'reaching the unreached' and an opportunity for the faculty to engage themselves in academic endeavours beyond the classrooms. The TLC organised programmes, both offline and through the LMS, have trained teachers across the country.

To synergise the academic thrust and capacity building, the College invested heavily into building high-class updated ICT infrastructure. The College has digitalised its administration and library functioning.

The best practices being centred around ICT and effective teaching-learning processes, Ramanujan College stands at the cusp of making significant breakthroughs in contemporary education.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.3	**Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years** 1. **Academic council/BoS of Affiliating university** 2. **Setting of question papers for UG/PG programs** 3. **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses** 4. **Assessment /evaluation process of the affiliating University** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above Remark : Edited based on 1, 2 & 3 documents.
1.3.2	**Average percentage of courses that include experiential learning through project work/field work/internship during last five years** 1.3.2.1. **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years** Answer before DVV Verification: <table><tr><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td></tr><tr><td>109</td><td>105</td><td>73</td><td>52</td><td>10</td></tr></table> Answer After DVV Verification : <table><tr><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td></tr><tr><td>87</td><td>85</td><td>55</td><td>36</td><td>5</td></tr></table> Remark : Edited based on same course with same course code for different department calculated as one.
1.4.1	*Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders* *1) Students* *2)Teachers* *3)Employers* *4)Alumni* Answer before DVV Verification : A. All of the above

		Answer After DVV Verification: A. All of the above
1.4.2		**Feedback process of the Institution may be classified as follows:**
		Options:
		1. **Feedback collected, analysed and action taken and feedback available on website**
		2. **Feedback collected, analysed and action has been taken**
		3. **Feedback collected and analysed**
		4. **Feedback collected**
		5. **Feedback not collected**
		Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website
		Answer After DVV Verification: A. Feedback collected, analysed and action taken and feedback available on website
2.1.1		**Average Enrolment percentage (Average of last five years)**
		2.1.1.1. **Number of students admitted year-wise during last five years**
		Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1016	960	945	972	705

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1016	960	945	972	705

2.1.1.2. **Number of sanctioned seats year wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1017	992	992	926	771

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1017	992	992	972	771

Remark : Enrollment of 2016-17 is more than sanctioned seats and hence edited 2.1.1.2 to match with 2.1.1.1.

3.1.1		**Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**
		3.1.1.1. **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**
		Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
266.90066	50.6	135	87.5	175.3

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
266.90	50.6	135	87.5	175.3

3.3.2	**Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years**

   3.3.2.1. **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**
Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2	1	0	0	1

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2	1	0	0	0

3.4.1	**The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-job training, research etc during the last five years**

   3.4.1.1. **Number of linkages for faculty exchange, student exchange, internship, field trip, on-job training, research etc year-wise during the last five years**
Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
162	202	140	26	21

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
02	00	02	01	00

   Remark : considered only collaborations leading to benefit of students and faculty without financial implications. Non functional web links provided in Data Template not considered.

4.2.3	**Average annual expenditure for purchase of books/e-books and subscription to journals/e-**

journals during the last five years (INR in Lakhs)

4.2.3.1. **Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
11.56842	7.51052	9.82776	10.57327	13.46259

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
11.56	7.51	9.82	10.57	13.46

Remark : Edited based on HEI clarification.

5.1.1 | **Average percentage of students benefited by scholarships and freeships provided by the Government during last five years**

5.1.1.1. **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
64	79	77	330	255

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
64	79	77	329	255

5.1.4 | **Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years**

5.1.4.1. **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
2789	883	750	194	160

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16

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| 2789 | 883 | 750 | 194 | 160 |

5.3.3	**Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)** 5.3.3.1. **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years** Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
90	77	69	71	57

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
90	77	67	70	55

Remark : Edited based on excluding repeated programs.

6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).** 6.3.4.1. **Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years** Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
111	39	43	24	35

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
111	39	32	23	35

7.1.6	**Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:**
	
	   1. **Green audit**
	   2. **Energy audit**
	   3. **Environment audit**
	   4. **Clean and green campus recognitions / awards**
	   5. **Beyond the campus environmental promotion activities**
	
	    Answer before DVV Verification : A. Any 4 or all of the above

	Answer After DVV Verification: A. Any 4 or all of the above
7.1.10	**The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.** 1. **The Code of Conduct is displayed on the website** 2. **There is a committee to monitor adherence to the Code of Conduct** 3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff** 4. **Annual awareness programmes on Code of Conduct are organized** Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of courses offered by the Institution across all programs during the last five years** Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
488	471	387	318	221

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
488	471	387	318	221

ID	Extended Questions
2.1	**Number of full time teachers year-wise during the last five years** Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
113	104	99	94	89

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
113	104	99	94	89