Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**RAMANUJAN COLLEGE**
Name of the head of the Institution	**Dr. S. P. AGGARWAL**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**01126421826**
Mobile no.	**9911337612**
Registered Email	**ramanujancollege2010@gmail.com**
Alternate Email	**spa15_dbce@yahoo.com**
Address	**CR Park Main Road, Block H, Kalkaji**
City/Town	**NEW DELHI**
State/UT	**Delhi**
Pincode	**110019**

2. Institutional Status

Affiliated / Constituent	**Constituent**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**central**
Name of the IQAC co-ordinator/Director	**Dr. K. LATHA**
Phone no/Alternate Phone no.	**01126421826**
Mobile no.	**9311222202**
Registered Email	**ramanujaniqac@gmail.com**
Alternate Email	**dr.lathasharma@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://ramanujancollege.ac.in/wp-content/uploads/2021/01/AQAR-2018-19.pdf
4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://ramanujancollege.ac.in/wp-content/uploads/2021/01/Academic-Calendar-2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.09**	**2016**	**19-Feb-2016**	**18-Feb-2021**

6. Date of Establishment of IQAC	**22-Jul-2013**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Financial incentive to the teaching faculties of	**07-Nov-2019** **365**	**113**

Ramanujan College for publishing research papers in Web of Science and Scopus Journals			
Online Training of Teaching and Non-Teaching Staff through customised Learning Management System (LMS) platform (developed by Ramanujan College during Covid Pandemic)	20-Apr-2020 133	45000
FDP/ Workshops/ Induction Programme conducted by Teaching Learning Centre, Ramanujan College (in physical mode)	15-Apr-2019 113	772
Mentor-Mentee Program	22-Jul-2019 365	2500
Publication of the fourth edition of the Ramanujan International Journal of Business and Research (RIJBR) (listed in UGC Care)	12-Dec-2019 120	600
External Administrative Audit of the non-teaching staff of the College	19-Dec-2019 2	50
External Academic Audit of the teaching staff of the College	12-Sep-2019 2	113
Interdisciplinary FDP on Teachers, Teaching and Taught Discovering New Meanings, Relationships and Purpose (exclusively for all teachers of the college)	01-Jan-2020 7	90
Effective Teaching-Learning during Lockdown	23-Mar-2020 70	2250
Certificate and Diploma Courses	22-Jul-2019 365	1208
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Ramanujan College	Non Plan	UGC	2019 365	267548000

Department of Vocation	Plan	Government of India	2019 365	10675066
Teaching Learning Centre	Plan	MHRD	2019 365	13500000
Department of Mathematics	Plan	DST-SERB	2019 3	100000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**175000**
Year	**2019**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

External Academic Audit of the teaching staff of the College: The External Academic Audit of the institution took place on 12th and 13th of September 2019. The entire faculty including guest lecturers were part of the Audit evaluations. All teachers submitted a Self Evaluation Document (SED). Each Department also submitted a SelfEvaluation Document. The SEDs were a record of the qualitative and quantitative achievements of the individual teacher as well as the Department. The departments and faculty were divided into three groups. They were Humanities and Social Sciences, the Mathematical Sciences and Commerce, Management and Economics streams. Prof. R.K. Sharma, Department of Mathematics, IIT Delhi and Prof. Shobha Bagai, Programme Coordinator B. Tech (Information Technology and Mathematical Innovations) Cluster Innovation Centre, University of Delhi audited the Mathematical Science Departments of the College. Prof. Anand Prakash, Head of the Department of Psychology, University of Delhi and Prof. Ujjwal Singh, Department of Political Science audited the Humanities and Social Science Departments, while Prof. Daniel Lazar, Department of Commerce, University of Pondicherry and Prof. Reetesh Singh, Head of the Department of Commerce, University of Delhi evaluated the Commerce, Management and Economics departments. The auditors scrutinised all the SED's and then had a Department wise meeting with the faculty members. Many issues regarding the quality of the teaching

learning process were discussed during these interactive sessions. The Audit team scored the individual teachers as well as the Departments based on parameters that arose out of the SED's. The Audit scores suggests that the college is on a sound footing in its academic endeavours.

External Administrative Audit of the non teaching staff of the College: An external Audit was also conducted for the Administration of the college on 19th and 20th of December 2019. The first day was devoted to the audit of the College Library which was done by Prof. Ramesh C. Gaur, Dean Director of Library and Information, Indira Gandhi National Centre for arts, New Delhi. The Accounts and Administration Departments of the college were audited by Dr. Vikas Gupta, Assistant Registrar, University of Delhi and Dr. Vikas Madan, Department of Computer Science, Shri Ram College of Commerce audited the Information technology Department on the second day. All administrative staff had submitted a SED individually and each Administrative Department also submitted a Departmental SED.

Incentive for Research Publications: The IQAC has announced on 7th November 2019 to provide financial incentive to the teaching faculties of Ramanujan College for publishing research papers in Web of Science and Scopus Journals with the date of publication on or after 7th November, 2019. The faculties publishing research papers in Web of Science will be given an incentive of Rs. 15,000/- per paper published and the faculties publishing research papers in Scopus journals will be given an incentive of Rs. 10,000/- per paper published.

Training Programs for Teachers through Teaching Learning Centre: The IQAC has collaborated, facilitated and played a direct role in organising numerous training programs for faculty members in higher education across the country in association with Teaching Learning Centre, Ramanujan College under the aegis of Ministry of Education of the PMMMNMTT Scheme. A total of 16 programmes (Faculty Development Programmes /Faculty Induction Programmes/Workshops) have been conducted by TLC, Ramanujan College from April 2019 to March 2020 with 772 beneficiaries. Till March 2020, all the programmes conducted by TLC, Ramanujan College were primarily based on physical interaction. To continue the teaching learning process during the COVID19 pandemic, it was decided to organize the FDP/FIP/Workshop online with virtual engagement with all participants/learners. The College has created a customised Learning Management System (LMS) platform which is not only predominantly participant friendly but also incorporates within it evaluation methods and comprehensive feedback systems to judge learning outcomes. This creative, innovative and effective method of online training by Ramanujan College is highly appreciated by the participants across the country. Within the span of three months (April to June 2020), the TLC has trained more than 45,000 participants through 11 online programmes.There have been four major gains in this endeavour. Firstly a very large number of participants have been able to access the courses at the same time. Secondly the Teaching Learning Centre of the College has been able to reach out to many teachers who are located in remote parts of the country. Thirdly, the process has also been cost effective as it did not involve travel, boarding and lodging expenses of the participants and the resource person. Finally, the online programmes involved a large number of teachers of various Departments of the college. They worked both online and offline throughout the lockdown period and not only facilitated the smooth running of these programmes but also contributed as resource persons.

One week Interdisciplinary Faculty Development Programme exclusively for all the teachers of the College: As a new initiative, the IQAC of the College organized a FDP on "Teachers, Teaching and Taught Discovering New Meanings, Relationships and

Purpose" from 1st to 7th of January 2020. The FDP was designed to reposition the field of education in the global world and equip teachers with tools to create, co create and disseminate knowledge in the changing contemporary scenario. Unlike, the usual, this FDP was based on practical and interactive approach. There were many activities, exercises and discussions to restructure our strategies and ways as a teacher in classrooms and institution. This FDP was sponsored by UGC and NAAC and was intended for all internal faculty members of Ramanujan College including permanent, adhoc, and guest teachers. The FDP had a participation of around 90 teachers from all departments of the College. Prof. Virander Singh Chauhan, Ex Chairperson of the University Grants Commission (UGC), who was the chief guest and the key note speaker of the inaugural session of the programme, acknowledged that such a Faculty Development Programme, specially designed for all the teachers of the college, from different disciplines, was only one of its kind and extraordinary.

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

Plan of Action	Achivements/Outcomes
To establish linkage with various funding agencies like UGC, SERB-DST etc for research projects and organizing academic events	All the Departments of the College regularly organised various student-centric and academic activities such as special lectures, interactive sessions, industrial visits, excursions, internships and screening of documentary films. An International Conference on Applicable Mathematics was organized by the Department of Mathematics, Ramanujan College from 19th to 21st December 2019 on the theme Network Science. This conference was sponsored by University Grants Commission (UGC) and Science and Engineering Research Board (SERB). The Department of Philosophy organised a UGC sponsored two-day National Seminar entitled "Relevance of Philosophy for Students Today" from 2nd October 2019 to 3rd October 2019. A two day UGC sponsored National Conference was organized by Department of Statistics on "Emerging Trends in Statistics and Data Science (ETSDS-2019)" on 06th-07th September 2019. The Department of Applied Psychology organized two days UGC Sponsored National Seminar on "Globalization, Diversity and Equality: Challenges for Indian Society" during 20-21 September 2019.
One week interdisciplinary FDP exclusively for all the teachers of the College	As a new initiative, the IQAC of the College organized a FDP on "Teachers, Teaching and Taught Discovering New Meanings, Relationships and Purpose"

	from 1st to 7th of January 2020. The FDP was designed to reposition the field of education in the global world and equip teachers with tools to create, co create and disseminate knowledge in the changing contemporary scenario. Unlike, the usual, this FDP was based on practical and interactive approach. There were many activities, exercises and discussions to restructure our strategies and ways as a teacher in classrooms and institution. This FDP was sponsored by UGC and NAAC and was intended for all internal faculty members of Ramanujan College including permanent, adhoc, and guest teachers. The FDP had a participation of around 90 teachers from all departments of the College. Prof. Virander Singh Chauhan, Ex Chairperson of the University Grants Commission (UGC), who was the chief guest and the key note speaker of the inaugural session of the programme, acknowledged that such a Faculty Development Programme, specially designed for all the teachers of the college, from different disciplines, was only one of its kind and extraordinary.
To conduct Rigorous Training Programs for Teachers through Teaching Learning Centre with the participants from remote areas of the country	The IQAC has collaborated, facilitated and played a direct role in organising numerous training programs for faculty members in higher education across the country in association with Teaching Learning Centre, Ramanujan College under the aegis of Ministry of Education of the PMMMNMTT Scheme. A total of 16 programmes (Faculty Development Programmes /Faculty Induction Programmes/Workshops) have been conducted by TLC, Ramanujan College from April 2019 to March 2020 with 772 beneficiaries. Till March 2020, all the programmes conducted by TLC, Ramanujan College were primarily based on physical interaction. To continue the teaching learning process during the COVID19 pandemic, it was decided to organize the FDP/FIP/Workshop online with virtual engagement with all participants/learners. The College has created a customised Learning Management System (LMS) platform which is not only predominantly participant friendly but also incorporates within it evaluation methods and comprehensive

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To conduct External Academic Audit of the teaching staff of the College	The External Academic Audit of the institution took place on 12th and 13th of September 2019. The entire faculty including guest lecturers were part of the Audit evaluations. All teachers submitted a Self Evaluation Document (SED). Each Department also submitted a Self Evaluation Document. The SEDs were a record of the qualitative and quantitative achievements of the individual teacher as well as the Department. The departments and faculty were divided into three groups. They were Humanities and Social Sciences, the Mathematical Sciences and Commerce, Management and Economics streams. Prof. R.K. Sharma, Department of Mathematics, IIT Delhi and Prof. Shobha Bagai, Programme Coordinator B. Tech (Information Technology and Mathematical Innovations) Cluster Innovation Centre, University of Delhi audited the Mathematical Science Departments of the College. Prof. Anand Prakash, Head of the Department of Psychology, University of Delhi and Prof. Ujjwal Singh, Department of Political Science audited the Humanities and Social Science Departments, while Prof. Daniel Lazar,

	Department of Commerce, University of Pondicherry and Prof. Reetesh Singh, Head of the Department of Commerce, University of Delhi evaluated the Commerce, Management and Economics departments. The auditors scrutinised all the SED's and then had a Department wise meeting with the faculty members. Many issues regarding the quality of the teaching learning process were discussed during these interactive sessions. The Audit team scored the individual teachers as well as the Departments based on parameters that arose out of the SED's. The Audit scores suggests that the college is on a sound footing in its academic endeavours.
To conduct External Administrative Audit of the non teaching staff of the College	An external Audit was also conducted for the Administration of the college on 19th and 20th of December 2019. The first day was devoted to the audit of the College Library which was done by Prof. Ramesh C. Gaur, Dean Director of Library and Information, Indira Gandhi National Centre for arts, New Delhi. The Accounts and Administration Departments of the college were audited by Dr. Vikas Gupta, Assistant Registrar, University of Delhi and Dr. Vikas Madan, Department of Computer Science, Shri Ram College of Commerce audited the Information technology Department on the second day. All administrative staff had submitted a SED individually and each Administrative Department also submitted a Departmental SED.
To provide Incentive to the teachers for Research Publications in Scopus and Web of Science Journals	The College has been consistently encouraging teachers towards research and publication in reputed and accredited journals. The IQAC has announced on 7th November 2019 to provide financial incentive to the teaching faculties of Ramanujan College for publishing research papers in Web of Science and Scopus Journals with the date of publication on or after 7th November, 2019. The faculties publishing research papers in Web of Science will be given an incentive of Rs. 15,000/- per paper published and the faculties publishing research papers in Scopus journals will be given an incentive of Rs. 10,000/- per paper published.
Initiation of New Diploma/ Certificate/	The college organized eight Certificate

Skill based courses/ workshops	and Diploma Courses on the topics: Happiness, International Financial Reporting Standards (IFRS), Human Rights Studies, Radio Jockey and Broadcasting, Mass Media, Basics of Research, Research and Data Analysis and Financial Modelling. These courses drew a participation of 1208 students from all over India. Various departments of the college also organized the skill based workshops for the students. The Department of Commerce organised a One Day "Cyber Crime, Awareness and Security" workshop on November 6, 2019. The Department of Computer Science organized a Web Development Workshop on 27 and 28 September 2019. A two day (October 17 and 18, 2019) Interdisciplinary workshop on "Financial Modelling comprising 46 participants was organized by the Department of Management Studies. On 26th September, 2019 an informative and practical workshop on DevOps and Github was conducted by the Department of Vocation. A two day workshop on Introduction to Python for students during 14 and 15 October 2019 by Ramanujan Centre for applied Mathematics and Research. Centre for Robotics and Artificial Intelligence organized Dream AR 101 Workshop Series: on Google AR Code in collaboration with Cluster Innovation Centre, University of Delhi in August 2019.
Use of ICT based, student-centric teaching pedagogies by college teachers	The Faculty Members participated in numerous Workshops, Faculty Development Programs, Refresher Courses and Orientation/ Induction Programs to update and upgrade their teaching skills. The focus was to enrich the pedagogy of the teachers and make them ready for the new age digitally savvy students. In the wake of the impending crisis and a possible lockdown, the faculty members of Ramanujan College were given state-of-the-art training to develop e-content and use new technological advancements like Google Classroom, Zoom Application, and Google Hangout. The college took an initiative by organizing an awareness programme on 17th (Tuesday) & 18th (Wednesday) March 2020 in small groups only (as per the mandate of the Covid-19 regulations). This turned out to be a highly beneficial session for all the faculty

	members. The tools and resources used during the period included 1. Using zoom cloud meetings (application); Google meet (meet.google.com); Google Hangouts for online teaching and using Google classroom for providing study materials, creating quizzes and giving assignments. 2. Weekly projects and assignments through Google Classroom and subsequent evaluation of the same. 3. Microsoft Whiteboard and Google Jamboard (web application). Also, audio lectures were also sent to students who do not have high internet connectivity. Faculty members were available through different digital modes to the students and they were sharing relevant E-content from N-list/inflibnet website, audio-video lectures, online links, a link for DU library accessing from home, ICT initiatives by MHRD.
To uplift the academic performance, placement and graduation outcome of students	The students did exceedingly well in academics. AB Rauoof, a student of Department of Mathematics secured first Rank in Delhi University Entrance Test (DUET)2019 for M.Sc. Mathematics. A number of Mathematics and Management Studies students have secured admission in the various prestigious Indian Institutes of Technology, Indian Institutes of Management, National Institutes of Technology and the XLRI, Jamshedpur during the pandemic period: Vishant Sachdeva (IIM Shillong), Jatin (IIM Kozhikode), Tariq Ahmad Dar (IIT Madras), Paras Gautam (IIT Guwahati), Amrit Kumar (IIT Hyderabad), Gurpreet Singh (Dr. B.R. Ambedkar NIT Jalandhar), Prerna Garg (XLRI, Jamshedpur), Harsh Lal (IIM Shillong), Piyush Rohilla (IIM Udaipur), Tanmay Tandon (IIM Raipur), Mayank Gupta (IIM Rohtak), Ujjwal Aggarwal (IIM Rohtak). The Personality Development Classes were organized by the Placement Cell of the college for all third year students. The Placement Cell also organised a Job Fair, in collaboration with the Department of Management Studies and the Department of Vocational Studies on 2nd March 2020. A total of 29 companies participated in the job fair and gave 150 offers to approximately 800 participating students. In 2019 20, a total of 57 companies visited the College campus, around 1500 students participated in campus recruitments, 335 students were

	selected or shortlisted for final job and 626 students selected or shortlisted for internships. Three students from the Centre for Robotics and Artificial Intelligence have been selected for internship in The Linux Foundation, USA.
To sign MoU for National and International Collaborations and augment Consultancy Services	The College has entered into a number of Memorandums of Understanding (MoU) with institutions and organisations that wish to collaborate with us in mutually beneficial programmes. We have an MoU with the Management Institute of Innsbruck, Austria and Western Sydney University, Australia. The College has also signed MOU with the Media Entertainment Skills Council of India for resource and industry support for the launching of vocational and Hons courses in media studies, film animation and computer graphics. A Memorandum of Understanding was signed between Ramanujan College and WWF India in the month of September 2019 for its youth engagement programme ECHO under WWF Volunteers' that aims to create Environment Conservation Heroes in colleges across the country through bridging the gap between environmental awareness and conservation action. We have also signed MOUs and providing consultancy to a number of colleges from the University of Delhi and other universities of the country for conducting collaborative Faculty Development Programmes. The college worked together with Shri Ram College of Commerce, University of Delhi and provided them with our Media Lab resources and consultation for the development of their MOOCs programmes for the ARPIT platform. Dr. Nirmalya Samanta, Associate Professor, Department of English was appointed (January 27, 2020) as Accreditation Ambassador to Kirori Mal College, University of Delhi, an approved mentor institution under the UGC PARAMARSH Scheme. He provided consultancy to the Paramarsh Committee of Kirori Mal College, University of Delhi, and to the IQAC and NAAC committees of Aditi Mahavidyalaya, University of Delhi and Siliguri Institute of Technology, West Bengal. The college also provided Media Lab Resources to UGC HRDC of University of Madras in Jan and Feb 2019 to record video lectures under Swayam Online

Course.	
[View File]()	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	**24-Sep-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**

Date of Visit	**01-Jan-2020**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2020**

Date of Submission	**06-Feb-2020**

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

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The college deploys a management information system specifically designed for facilitating communication of relevant information between the students, parents, teachers, management, administrative and library staff, alumni and retired teachers. The college has its own Attendance App (until the lockdown) using which the faculty members take attendance in the class. The teachers and students can easily access the information related to attendance on the college portal. Ramanujan College Library is automated with a free and open source library system, KOHA. Non teaching staff use their own specialized softwares. Administrative and Academic activities are also greatly facilitated by active use of Google Drive and Google Classroom for sharing resources and collaborative learning. The College has been granted ISO 90012008 certification for Office Procedures. This has ensured better management of administrative and accounting work including proper filing and timely completion of assigned work.**

The Principal of our College ensures the smooth functioning of all activities of the College and notifications of any important information are readily shared through email facilities. The IQAC of the college issues notices and circulars on a regular basis for ensuring quality in academics, extracurricular and administrative activities. For transparency and efficiency, teachers time tables, class time tables and Internal Assessment marks are prominently displayed on the notice boards for students and is also available on the College website. Teachers in charge of all the departments ensure the smooth functioning of all the academic and other activities of the department along with the other faculty through frequent meetings and networking groups. They are submitting the reports of departmental activities regularly to IQAC. Meetings of the Staff Council, which is a statutory body, are held periodically to discuss and decide on matters relating to academics and administration. There is an easy access to management for timely resolution of academic and administrative problems. Sufficient provision is made for purchase of equipment and for maintenance of infrastructure. For the smooth and effective functioning of the College, there are regular interactions with stakeholders comprising faculty, parents, alumni and the students through meetups. Feedback received from faculty, students, alumni and other stakeholders are considered for continuous review and revision, which are relevant to the changing needs of higher education. With the new infrastructure developed in the new building, all units are controlled centrally and the improved technological facilities have enhanced the communication system. All the financial documents prepared by the Accounts Department are duly verified by the Bursar who is one of the authorised signatories along with the Principal. The Bursar is appointed on rotation basis from the teaching staff. During the pandemic situation as well (from Mid March 2020), the Management Information System of the College was

operational with the proper flow of information to the students through mails, calls and college website. The faculty members used zoom cloud meetings , Google meet, Google Hangouts for online teaching and used Google classroom for providing study materials, creating quizzes and giving assignments.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The curriculum for different subjects taught in the College is set by the various Departments of the University of Delhi. As a constituent college, it follows the syllabus and curriculum set by the University of Delhi. In addition, the teachers of the College regularly attend meetings held at the Departments of the University regarding the curriculum setup/ revision. The Department of Commerce of Ramanujan College organised a One Day Workshop for B. Com. Program Semester I: "Business Organization and Management", Paper no. (BC 1.3) in association with the Department of Commerce, University of Delhi under the aegis of Department-College Interface on Monday, September 23, 2019. The curriculum is intimated by the University to the College through regular circulars and the University website. The College has also put up the entire syllabus and curriculum on its website. The Time-Table Committee of the College designs a master time-table that distributes subject classes, contact/tutorial classes and practical classes in a manner that makes teaching efficient. Special in-house customized software designed by the students of the Department of Computer Science is being used to ensure optimal usage of the available classrooms and design the best suited time-table for each department. For transparency and efficiency teachers' time-tables and class time-tables are prominently displayed on the notice boards for students and are also available on the College website. The Departments hold monthly meetings to assess the covered curriculum and discuss the difficulties the students and teachers may be facing in the classes. Detailed reports of these meetings are sent to the Principal. Each class has a class representative and it is his or her duty to report to the Teacher-In-Charge in case of problems and difficulties being faced in the teaching-learning process. Special attention is given to cater to the needs of both the Slow and Advanced learners. During the lockdown, the institution makes sure that the faculty members are available to the students through different digital modes like zoom cloud meetings (application), Google meet (meet.google.com) and Google Hangouts for the classes. There was a continuous flow of knowledge through Google classroom for providing study materials, creating quizzes and giving assignments. Teachers shared relevant E-content from N-list/ inflibnet website, audio video lectures, online links, a link for DU library accessing from home, ICT initiatives by MHRD. Audio lectures are also sent to students who do not have high internet connectivity. The teachers attended the guidelines, paper setting and evaluation meetings in the online mode during the lockdown.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepre	Skill Development

20 Hours Certificate Course on Basics of Research	---	13/01/2020	7	The career options include jobs in various fields such as in College and Universities , NGOs, Govt. Instit utions, Inte rnational Or ganizations etc. Students can go for jobs with diverse profiles such as Teacher/ Lecturer, Researcher, Social Worker etc.	The course offers students an insight to learn about Research, Role of Research in Real-Life, Process of Research, Careers in Research, Research Design, Methods and Sources of Review of Literature, Research Design, Sampling, Sampling Distribution etc
---	Diploma Course in In ternational Financial Reporting Standard (IFRS)	15/02/2020	120	Diploma in IFRS is proved to be helpful in getting oppo rtunities in big audit firms as they have a preference for such candidates over the others. If you are already a CA, studying up on the IFRS could be a feather in your cap.	This course intended to attain the following objectives: • Introduction of the Concept of IFRS. • Developing u nderstanding on IFRS. Comparison of IFRS with Existing Indian Accounting Standards. • Issues in relation to IFRS.
30 Hours Online Certificate Course on Research and Data Analysis	---	15/06/2020	7	The course explores the following career oppor tunities: Information Architect, Business	The course offers students an insight to learn about Research, Role of Research in

				Analyst, Data Engineering, Product Manager, Digital Marketing Manager, Data Scientist etc	Real-Life, Process of Research, Careers in Research, Research Design, Methods and Sources of Review of Literature, Research Design, Sampling, Sampling Distribution etc
---	60 Hours Diploma Course on Financial Modelling	10/02/2020	120	Financial modelling is a highly sought-after skill in contemporary times, and is most required in all important aspects of modern finance and investments such as equity research, economic analysis and policy formulation etc.	bridging the employability skill gap of participants by developing their higher order intellectual and analytical capabilities, and building their skill by providing hands on training using the relevant and widely used softwares (EViews Excel).
Certificate Course on Happiness	---	05/08/2019	180	The course focus on the following aspects: • Invent their own true self, • Self as a primary source of happiness, • Building a peaceful relationship with self and others and, •	Connecting with our thoughts, feelings, and emotions, Experiencing joy as a state of mind, Recognizing individual as well as collective strengths through

			Development of skills to be on the path of happiness.	value orientation, Unlearning the wrongs of peace happiness followed by relearning the right.
Certificate Course in Radio Jockey and Broadcasting	---	15/09/2019	180	There is a lot of scope for employment o pportunities for a radio jockey in the media industry. They can apply in org anizations like AIR, Times FM, Radio Midday, Radio Star, Radio Wani and other independent radio stations.	Skill development includes • Soothing and impactful voice • Voice modulation • Clear diction • Accurate pro nunciation • Command over the language and vocabulary • Flair and fluency in the language • Control over voice pitch • Good sense of humour
Certificate Course in Mass Media	---	14/01/2020	180	This certificate course prepares students for careers in the entertai nment sector, which comprises film, TV, digital media, music, theme parks, live entertainmen t, and other such mediums.	The course helps the students to refine their linguistic and communic ative skills. It provides an insight into the socioeco nomic and political dimensions of living in a globalized world today.
Certificate Course on Human Rights	---	05/12/2019	90	Having a Certificate in Human Rights, one	The curriculum has been developed in

can work in the human rights field with a broad spectrum. Besides, a number of UN agencies working on the human rights issues are useful for human rights, based employments in India and overseas as UNDP.	house and is divided into three parts Genesis and Historical development of human rights and contemporary issues, International frameworks, mainly the UNO and lastly Indian context of human rights issues.

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Honours in Environmental Science	24/10/2019
[View File](#)		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	NONE	Nill

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

	Certificate	Diploma Course
Number of Students	1074	134

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
20 Hours Certificate Course on Basics of Research	13/01/2020	47
Diploma Course in International Financial Reporting Standard (IFRS)	15/02/2020	23
30 Hours Online Certificate Course on Research Data Analysis	15/06/2020	903
60 Hours Diploma Course on Financial Modelling	10/02/2020	111

Certificate Course on Happiness	05/08/2019	61
Certificate Course in Radio Jockey and Broadcasting	15/09/2019	13
Certificate Course in Mass Media	14/01/2020	28
Certificate Course on Human Rights	05/12/2019	22
[View File]()		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BCom	Honours in Commerce	122
BCom	Pass Course in Commerce	125
BA	Honours in Economics	37
BA	Honours in English	55
BA	Pass Course in Arts and Humanities	38
BA	Honours in Applied Psychology	37
BSc	Honours in Mathematics	31
BMS	Professional Course in Management	77
BSc	Honours in Statistics	29
BVoc	Banking Operations	21
[View File]()		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

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

Feedback Obtained
The feedback is taken by the statutory Feedback Committee on teaching and infrastructure from the students in November and April. The feedback includes the information on pedagogy, discipline and teaching ethics. It also includes views on infrastructure like college canteen, laboratory facilities and sports facilities. The feedback was analysed with the help of updated software using statistical tools and graphs. The feedback reports were shared with the teachers and was also discussed in separate meetings with the IQAC and Principal. The Feedback Committee reviewed the feedback forms with the IQAC and

certain modifications were suggested so that precise quantitative and qualitative feedback can be got from the students.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	Honours in Applied Psychology	51	Nill	123
BMS	Professional Course in Management	51	Nill	149
BA	Honours in Political Science	55	Nill	201
BA	Honours in Hindi	55	Nill	151
BA	Honours in English	55	Nill	136
BSc	Honours in Computer Science	51	Nill	125
BSc	Honours in Statistics	51	Nill	134
BSc	Honours in Mathematics	51	Nill	137
BCom	Honours in Commerce	165	Nill	390
BCom	Pass Course in Commerce	110	Nill	518

View File

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2955	Nill	113	Nill	113

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used

| 113 | 113 | 31 | 56 | 56 | 17 |

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[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)
• Each department follows the Mentor-Mentee program in which a group of students are assigned to a teacher who mentors them. Students meet their mentor on a frequent basis to iron out any problem they are facing. This helps in counselling and mentoring their personal and academic issues. A proper record of the same is maintained by the teachers and the department. The Mentor-Mentee Program is quite useful in identifying the slow and fast learners. • During the Covid-19 Pandemic, when the physical, social and mental trauma among the students was at peak, all the assigned mentors stayed in constant touch with the assigned group of students. • Our college has a professional Clinical Psychologist who visit our college once a week. We also have a Counselling Cell run by selected teachers and students of Department of Applied Psychology of our college. During Pandemic Period, their team identified the students from North-East Region and the students living away from the family in Delhi (and couldn't go back to their hometown). The personal mobile numbers of the team members were shared with all such students. The team was in constant touch with all these students and interacted with them regularly through telephonic call/ WhatsApp and provided counselling (physical, social or emotional). •The societies and cells of the college like NSS, Tatva: Eco Club, Women development Cell, and Thrust: Entrepreneurship Cell, sensitize the students towards environment, gender equality, women empowerment, health, management and social responsibility. • The Placement and Career Development Cell of the college organized Personality Development classes for the final year students of the college on weekly basis by the expert experts. • The Departments of the college organize Career Guidance Seminars and Counselling Sessions for the students. The Department of English organized a series of Career-Counselling Sessions for the students on the topics: Media as a Career (Mr. Kazim Abbas), Corporate Communications as a Career (Ms. Megha Seth), Aptitude Tests in Competitive Examinations (Mr. Prakhar Wadhwa) and Advertising: A Potential Career (Mr. Shwetank Shankar) on 27th January 2019, 7th February 2019, 24th February 2020 and 26th February 2020. The Department of Statistics organized a seminar on "Actuarial Science-A career worth on 16th September 2019. • The college has a Fee Concession Committee, an Internal Complaint Committee, an Anti-Ragging Committee, and a Student Grievance Redressal Cell to cater to the needs of the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2955	113	1:26

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
134	113	21	9	51

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mr. Pappu	Assistant Professor	Received travel grant and local support from the organizers of the 22nd Internet Seminar on "Ergodic Theorems" held at Wuppertal, Germany during 10-16 June

			2019
2019	Dr. Virendra Kumar	Assistant Professor	Visiting Scholar in the Department of Applied Mathematics in the College of Natural Sciences at Pukyong National University, Busan, Korea, from June 9 to June 30, 2019 for research collaboration
2020	Dr. S. P. Aggarwal	Principal	Golden Aim Awards for Excellence and Leadership in Education in the category of Most Admirable Principal Award by Dynergic Business Solutions
2020	Ms. Ruchika Bal	Assistant Professor	Best Paper Award for presenting paper in 5th International Conference INCONSYM 2020 conducted by Symbiosis Centre for Management Studies, Noida
2019	Dr. S. P. Aggarwal	Principal	50 Most Influential Principals of India – World Education Congress
2020	Dr. Alok Ranjan Pandey	Assistant Professor	Dr. APJ Abdul Kalam National Dedication Award 2020 in the field of Literature on 26th January, 2020 in Maharaja Agarsen College, New Delhi
2020	Dr. Alok Ranjan Pandey	Assistant Professor	'Tilka Manjhi Rashtriya Samman 2019' in the field of Education at Bhagalpur, Bihar
2019	Dr. Nikhil Kumar Rajput	Assistant Professor	DST Fellowship Award of Rs. 39 Lakhs – Topic-Interactive Immersive Technology for Cultural Heritage

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BCom	504	VI / 3rd Year	20/08/2020	27/10/2020
BCom	503	VI / 3rd Year	21/08/2020	20/11/2020
BSc	563	VI / 3rd Year	20/08/2020	27/10/2020
BSc	568	VI / 3rd Year	20/08/2020	27/10/2020
BSc	570	VI / 3rd Year	20/08/2020	27/10/2020
BA	511	VI / 3rd Year	19/08/2020	20/11/2020
BA	516	VI / 3rd Year	19/08/2020	20/11/2020
BA	527	VI / 3rd Year	19/08/2020	20/11/2020
BA	501	VI / 3rd Year	21/08/2020	28/11/2020
BMS	590	VI / 3rd Year	21/08/2020	07/11/2020

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

For the Internal Assessment, rules of University of Delhi are followed with 10 Marks for Assignment, 10 Marks for Tests/Project, and 5 Marks for Attendance. Special attention is given to cater to the needs of both the Slow and Advanced learners. Continuous Internal Assessment evaluation of students is done by the faculty members through innovative teaching pedagogies and techniques like case studies/ field visits/ project works etc. The College has developed software for online Student Attendance Management which calculates attendance internal assessment marks on a daily basis which is accessible to the students as well. The college strictly monitors the attendance of the students and the admit card is provided to the students for the end-semester exams provided they fulfill the required minimum attendance. Due to lockdown and pandemic conditions, there was only one component for internal assessment, namely the Assignment in the Even Semester 2019-20 (January-May 2020) as per DU notification.

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

Ramanujan College being constituent college of University of Delhi follows the Academic Calendar prepared by University of Delhi for Admissions and Examinations. However, all the Departments of the college make their individual Academic Calendars before the commencement of session for smooth and effective functioning. All the rules regarding Pass Percentage, Promotion Rules, Re-appearance for improvements, letter grades and grades points are available on the website of the college at the weblink: https://ramanujancollege.ac.in/academics/students/examination/. Due to Covid-19 Pandemic, the Academic Calendar for the students of Even Semester 2019-20 (January-May 2020) was revised. The second and fourth year students were being promoted to the next higher semester based on the internal assessment and previous year performance. However, the final year students had to face the new online pattern of evaluation adopted by the University of Delhi called OBE (Open Book Examinations) which were conducted in August 2020 and all the

> **results were announced by November 2020. A special cell was created in the college to address the concerns and difficulties of the students for the smooth conduct of the OBE exam. The teachers of the college adapted to the online OBE exam evaluation system and participated in the evaluation process.**

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://ramanujancollege.ac.in/academics/courses/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
504	BCom	Honours in Commerce	103	98	95.14
503	BCom	Pass Course in Commerce	189	171	90.47
563	BSc	Honours in Mathematics	46	39	84.78
568	BSc	Honours in Statistics	38	36	94.73
570	BSc	Honours in Computer Science	40	33	82.5
511	BA	Honours in English	44	42	95.45
516	BA	Honours in Hindi	53	42	79.24
527	BA	Honours in Political Science	52	48	92.3
590	BMS	Professional Course in Management	42	34	80.95
501	BA	Pass Course in Arts and Humanities	126	92	73.01
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://ramanujancollege.ac.in/wp-content/uploads/2021/02/Teachers-Feedback-Report-2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	Department of Science and Technology, Ministry of Science and technology, Govt. of India	39	0
Minor Projects	730	Teaching Learning Centre, Ramanujan College	20	20
View File				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Internship and Job Fair – AARAMBH	Management Studies, Vocation, Placement Cell	02/03/2020
Visit to National Stock Exchange (NSE)	Management Studies	14/11/2019
Seminar on Digital Marketing	Vocation	19/09/2019
Workshop on DevOps and Github	Vocation	26/09/2019
Two-Days workshop on 'Campus2Career'	Vocation	04/11/2019
Entrepreneurship Awareness Workshop	Antha Prerna Cell	31/07/2019
Workshop on Patent Writing	Computer Science	11/11/2019
One Week Faculty Development Programme on Entrepreneurship, Incubation and Innovation	Antha Prerna Cell	23/06/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
50 Most Influential Principals of India	Dr. S. P. Aggarwal	World Education Congress	05/07/2019	Principal
Golden Aim Awards for Excellence and	Dr. S. P. Aggarwal	Dynergic Business Solutions	07/08/2020	Principal

Leadership in Education in the Category of Most Admirable Principal Award				
Dr. APJ Abdul Kalam National Dedication Award 2020	Dr. Alok Ranjan Pandey	Maharaja Agarsen College, University of Delhi	26/01/2020	Literature
'Tilka Manjhi Rashtriya Samman 2019'	Dr. Alok Ranjan Pandey	Ang Madad Foundation	22/09/2019	Education
Travel Grant and Local Support	Mr. Pappu	Organizers of 22nd Internet Seminar on Ergodic Theory held at Wuppertal, Germany	10/06/2020	Travel Grant
Topic-Interactive Immersive Technology for Cultural Heritage	Dr. Nikhil Rajput	Department of Science and Technology, Ministry of Science and Technology, Govt. of India	02/04/2019	Project Award of Rs. 39 Lakhs
Visiting Scholar at Pukyong National University, Busan, Korea	Dr. Virendra Kumar	Department of Applied Mathematics in the College of Natural Sciences	09/06/2019	Visiting Scholar
Best Paper Award for presenting paper in 5th International Conference INCONSYM 2020	Ms. Ruchika Bal	Symbiosis Centre for Management Studies, Noida	21/02/2020	Best Paper Award
Trophy for active participation of college students in Environment Awareness Programme and Plantation Drive during Van Mahotsav Week	Ramanujan College	National Museum of Natural History (Ministry of Environment, Forest and Climate Change), Government of India	04/07/2019	Appreciation Award
Certificate of Participation	Md. Aftab (NSS, Ramanujan College)	Delhi Police and District Child	07/10/2019	Appreciation Award

| for being a sincere volunteer in Helpdesk Programme for Missing Children during Navratri festival in Kalkaji Mandir | | Protection Unit-VIII | | | |

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
---	10 Students have started their own start-ups	See Attached File	See Attached File	See Attached File	22/07/2019

[View File](#)

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1	5	2

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

Name of the Department	Number of PhD's Awarded
Not Applicable	Nill

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Applied Psychology	7	0
International	Computer Science	11	2.31
National	Computer Science	1	0.59
International	Mathematics	17	0.91
National	Mathematics	3	0
National	Hindi	6	0
International	Political Science	2	0
International	Economics	1	0
International	Statistics	5	1.96
International	Management Studies	2	0

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

Department	Number of Publication
Applied Psychology	6
Computer Science	3
English	1
Hindi	9
History	1
Management Studies	1
Mathematics	1
Philosophy	3
Political Science	2
Statistics	4

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Detection of mycobacterial CFP-10 (Rv3874) protein in tuberculosis patients by gold nanoparticle-based real-time immuno-PCR	Dr. Abhishek	Future Microbiology	2020	6	Ramanujan College, University of Delhi	5
Detection of Mycobacterium Tuberculosis Lipoarabinomannan and CFP-10 (Rv3874) from Urinary Extracellular Vesicles of Tuberculosis Patients by Immuno-PCR	Dr. Abhishek	Pathogens and Disease	2019	6	Ramanujan College, University of Delhi	4

Title	Author	Journal	Year	Col5	Institution	Col7
Starlike functions related to the Bell numbers	Dr. Virendra Kumar	Symmetry	2019	6	Ramanujan College, University of Delhi	4
Sharp co efficient bounds for starlike functions associated with the Bell Numbers	Dr. Virendra Kumar	Mathematica Slovaca	2019	8	Ramanujan College, University of Delhi	6
Starlike ness associated with the Exponential Function	Dr. Sumit Nagpal	Turkish Journal of Mathematics	2019	3	Ramanujan College, University of Delhi	2
Square Signed Graph	Dr. Deepakshi Sharma	National Academy Science Letters.	2019	1	Ramanujan College, University of Delhi	Nill
Performance Evaluation of Wireless Communication Systems over Weibull/q-Lognormal Shadowed Fading Using Tsallis Entropy Framework	Dr. Amit Kumar Singh	Wireless Personal Communications	2019	6	Ramanujan College, University of Delhi	4
A statistical probe into the word frequency and length distributions prevalent in the translations of Bhagavad Gita	Dr. Nikhil Rajput and Ms. Bhavya Ahuja	Pramana-Journal of Physics	2019	1	Ramanujan College, University of Delhi	1

| Evidence of power-law behavior in cognitive IoT applications | Dr. Amit Kumar Singh, Dr. Nikhil Rajput, Mr. Vipin Rathi | Neural Computing and Applications | 2020 | 5 | Ramanujan College, University of Delhi | 4 |
| Lived Experiences of the Indian Stigmatized Group in reference to Socio-Political Empowerment: A Phenomenological Approach | Ms. Divya Bhanot | The Qualitative Report | 2020 | 0 | Ramanujan College, University of Delhi | Nill |

View File

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Survival Analysis and Predictive Modelling Approach for COVID-19	Dr. Ashish Kumar Shukla and Dr. Sachin Tomer	International Journal of Grid and Distributed Computing	2020	Nill	Nill	Ramanujan College, University of Delhi
Regulatory Arbitrage and Presence of Foreign Banks: Evidence from the Indian Banking Sector	Dr. Anjali Prashad	Global Journal of Emerging Market Economies	2020	Nill	Nill	Ramanujan College, University of Delhi
Dynamic Multiplier Effects of Foreign Remittances: A Case Study of India	Ms. Isha Gupta	Economic and Political Weekly (EPW)	2019	Nill	Nill	Ramanujan College, University of Delhi

Developing and validating the individual and organisational consciousness scale	Dr. Vibhash Kumar	International Journal of Innovative social science Humanities Research	2020	Nill	Nill	Ramanujan College, University of Delhi
On Graphoidal Length of a Tree in terms of its Diameter	Megha Agarwal and Rajesh Singh	AKCE International Journal of Graphs and Combinatorics	2020	Nill	Nill	Ramanujan College, University of Delhi
Exponential Starlikeness and Convexity of Confluent Hypergeometric, Lommel, and Struve Functions	Dr. Sumit Nagpal	Mediterranean Journal of Mathematics	2020	Nill	Nill	Ramanujan College, University of Delhi
A data encryption model based on intertwining logistic map	Dr. Kamlesh Kumar Raghuvanshi and Mr. Subodh Kumar	Journal of Information Security and Applications	2020	Nill	Nill	Ramanujan College, University of Delhi
Securing Blockchain Transactions Using Quantum Teleportation And Quantum Digital Signature.	Ms. Sheetal Singh, Mr. Vipin Rathi and Dr. Nikhil Rajput	Neural Process Letter	2020	Nill	Nill	Ramanujan College, University of Delhi
Personality and Value Preference as the Predictors of Social Well-being	Dr. D. N. Tiwari	Journal of Human Values	2020	Nill	Nill	Ramanujan College, University of Delhi
Role of God and	Dr. Ashwini	International	2019	Nill	Nill	Ramanujan

Religion in Healing in Post-Disaster Settings	Kumar, Ms. Nirupuma Yadav and Ms. Surbhi	Journal of Scientific Research and Reviews				College, University of Delhi
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	11	110	Nill	Nill
Presented papers	7	25	Nill	Nill
Resource persons	5	42	Nill	Nill
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Service to the Kalkaji Mandir during the Navratri (29 September – 7 October 2019), with the missing child help desk and Delhi Police	NSS	2	25
An awareness programme for Blood Stem Cell Donations (17 September, 2019)	NSS in collaboration with Datri Foundation	3	23
Swacchta Pakhwada (1-15 August 2019)	NSS	5	50
Blood Donation Camp (25 July 2019)	NSS in collaboration with Indian Red Cross Society and Bharat Vikas Parishad	4	56
Plantation Drive (4 July 2019)	NSS in collaboration with National Museum of Natural History	4	31
Disaster Management Workshop (7 September 2019)	NSS with 16 officials from National Disaster Response Force	2	35
An awareness	NSS in	6	48

seminar on anemia and diarrhea, under Poshan Maah (14 October 2019)	collaboration with the Women Development Cell, Ramanujan College, and Delhi Health Department		
Vigilance Week (30 October to 5 November 2019)	NSS	3	52
An awareness seminar on acupressure and points of acupressure associated with human body (21 January 2020)	NSS in collaboration with D. M. Acupressure Association	2	45
An awareness seminar on dental care (21 January 2020)	NSS in collaboration with Clove Dental	3	54
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Environment Awareness Programme and Plantation Drive during Van Mahotsav Week	Trophy for active participation of college students	National Museum of Natural History (Ministry of Environment, Forest and Climate Change), Government of India	31
Helpdesk Programme for Missing Children during Navratri festival in Kalkaji Mandir	Certificate of Participation for being a sincere volunteer	Delhi Police and District Child Protection Unit- VIII	1
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	NSS	Swacchta Pakhwada (1-15 August 2019)	5	50
Corona Virus Awareness	NSS	An awareness drive on the outbreak of Corona Virus	1	15

		(10 February 2020)		
Blood Stem Cell Donations Awareness	NSS in collaboration with Datri Foundation	An awareness programme for Blood Stem Cell Donations (17 September, 2019)	3	23
Anemia and diarrhea Awareness	NSS in collaboration with the Women Development Cell, Ramanujan College, and Delhi Health Department	An awareness seminar on anemia and diarrhea, under Poshan Maah (14 October 2019)	6	48
Acupressure Awareness	NSS in collaboration with D. M. Acupressure Association	An awareness seminar on acupressure and points of acupressure associated with human body (21 January 2020)	2	45
Dental Care Awareness	NSS in collaboration with Clove Dental	An awareness seminar on dental care (21 January 2020)	3	54
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Minor Research Project on Emotional Intelligence and its Impact on the Stress Level of Faculty Members and Students in Higher Educational Institutions in India	Janki Devi Memorial College (3 Faculty Members and 5 Students)	Teaching Learning Centre, Ramanujan College	730
Minor Research Project on Higher Education and Employability Skills: A Study of Under Graduates in India	Ramanujan College (5 Students and 3 Faculty Members) (Interdisciplinary)	Teaching Learning Centre, Ramanujan College	730
Minor Research Project on Big Data and Learning	Ramanujan College (5 Students and 3 Faculty Members)	Teaching Learning Centre, Ramanujan College	730

Analytics in Higher Education with special reference to National Programme on Technology Enhanced Learning (NPTEL)	(Interdisciplinary)		
Minor Research Project on Application of Augmented Reality (AR) in teaching basic skills to children with Autism Spectrum Disorder (ASD)	Ramanujan College (5 Students and 3 Faculty Members) (Interdisciplinary)	Teaching Learning Centre, Ramanujan College	730
Minor Research Project on Innovation in Higher Education System in India: An Exploratory Study	Ramanujan College (5 Students and 3 Faculty Members) (Interdisciplinary)	Teaching Learning Centre, Ramanujan College	730
The project Tackling sexual harassment led by Karmini Sharma (PhD Student at University of Warwick, UK)	Ramanujan College, Ms. Karmini Sharma and J-PAL	J-PAL (Jameel Poverty Action Lab), a sub-institution under MIT	180
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Academic	Online FDP on Data Analysis for Research in Social Sciences (Sharpening Skills in Statistical Analysis for Research)	Indian Accounting Association, NCR Chapter	17/06/2020	30/06/2020	1000
Academic	Online FDP on Research Methodology: Tools and Techniques	ARSD College, University of Delhi	05/06/2020	11/06/2020	500

Academic	FDP on Learning Outcome Based Curriculum Framework	Department of Philosophy, University of Delhi	10/02/2020	11/02/2020	34
Academic	FDP on Advanced Topics in Ma croeconomic Theory and Policy	Department of Business Economics, University of Delhi	06/03/2020	14/03/2020	35
Academic	FDP on Information Tech- nology Applications in Library and Information Sciences	Indira Gandhi National Centre for Arts, New Delhi	09/10/2019	20/10/2019	38
Academic	FDP on Multivariate Data Analysis (Sharpening your Skills in Statistical Applications)	Department of Financial Studies, South Campus and Indian Accounting Association, NCR Chapter	30/09/2019	06/10/2019	75
Academic	Workshop on Business Organization and Management	Department of Commerce, Delhi School of Economics	23/09/2019	23/09/2019	28
Academic	FDP on Financial Accounting and Income Tax Laws	Department of Financial Studies, South Campus and Indian Accounting Association, NCR Chapter	30/08/2019	30/08/2019	40
Academic	FDP on Accounting Standards	IQAC, PGDAV College, University of Delhi	06/08/2019	12/08/2019	32
Academic	National FDP on Research Methodology and Teaching Pedagogy	Department of Financial Studies, South Campus and Indian Accounting Association,	30/04/2019	05/05/2019	70

	NCR Chapter		

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
PGDAV College, University of Delhi	12/07/2019	One Week FDP on Accounting Standards	32
Indira Gandhi National Centre for Arts, New Delhi	18/07/2019	Two Week FDP on Information Technology Applications in Library and Information Sciences	38
ARSD College, University of Delhi	12/09/2019	National FDP on Counselling and Mentoring Skills for Teachers	81
Sri Venkateswara College, University of Delhi	27/09/2019	One Week FDP on Business Research Methods	31
Department of Business Economics, South Campus, University of Delhi	04/03/2020	One Week FDP on Advanced Topics in Macroeconomic Theory Policy	35
Media and Entertainment Skills Council (MESC)	17/12/2019	Skill Development Initiative	50
Rubicon Skill Development Pvt. Ltd.	26/09/2019	Skill Development Initiative	25
Cine Prime World	28/06/2019	Mass Media, Research and Skill Development	30
Ministry of Human Resource Development (MHRD), Govt. of India	22/03/2019	Training of Teachers	45772
Focus News	19/09/2019	Media Publishing	2000

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1000	223.09

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Class rooms	Existing
Laboratories	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Koha	Fully	17	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	37002	675059	712	614305	37714	1289364
Journals	40	60533	Nill	Nill	40	60533
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Ms. Bhavya Ahuja Grover	Google Classroom	Customized LMS	19/04/2020
Dr. Nikhil Rajput	Google Site	Customized LMS	21/04/2020
Dr. Rajesh Singh	Creating Moocs EDUNEXT	Customized LMS	01/05/2020
Dr. Shruti Jain	Roles Responsibilities of a Teacher in Higher Education	Customized LMS	03/06/2020
Dr. Virendra Kumar	ResearchGate	Customized LMS	10/06/2020
Dr. Vibhash Kumar	Plagiarism Prevention	Customized LMS	11/06/2020

Dr. Megha Agarwal	LaTeX	Customized LMS	16/06/2020
Ms. Parul Yadav	Brainstorming Online ICT Resources	Customized LMS	19/06/2020
Dr. Tenzin Thakur	Environment	Customized LMS	26/06/2020
Dr. Aparajita Mazumdar and Ms. Shipra Yadav	Gender Sensitisation	Customized LMS	28/06/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	199	5	3	2	1	1	1	120	0
Added	40	0	0	0	0	0	0	40	0
Total	239	5	3	2	1	1	1	160	0

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

160 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Media Lab	https://www.youtube.com/channel/UC3_VYvszoBHjqvWmjaSTxAQ/featured

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
100	75.54	100	74.34

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Our college follows the University of Delhi guidelines for general policies and procedures regarding utilization and maintenance of infrastructure and facilities. The Staff Council constitutes a number of committees and sub-committees like the IT infrastructure Committee, Library Committee, Sports Committee, Building Maintenance Committee and the Purchase and stock-verification Committee that oversee and supervise the utilization and maintenance of the support facilities of the college. The schedule of the utilization of the labs and classrooms are notified through the official time table which is put up on the college website and passed on to individual teachers. Notices regarding the procedures and policies for utilizing physical,

academic and support facilities - laboratory, library, sports complex, computers, classrooms are issued time to time from the office of the Principal and also put up on the website. The Staff Council of the College nominates a Convener of the Library Committee, along with a few more faculties and teacher-in-charges of all departments as members. The Library Committee 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, countersigned by the teacher in-charges of the Departments and Convener of the Library Committee. Some of the general and reference resources, needed by the library, are purchased by the Librarian in consultation with the Convener of the Library Committee. The various rules and regulations for the usage of Library and its resources is displayed at various places of the Library. The Institution constantly upgrades its IT infrastructure as per the requirements, from time to time. The Institution also ensures that all the students are provided with adequate IT infrastructure. The review of IT infrastructure and knowledge dissipation is carried out annually. The rules and regulations for the usage of Labs by the students is clearly displayed in the labs. The College provides facilities for the following sports: Athletics, Cricket, Cross-country, Football, Volleyball, Table- Tennis, Weight-lifting, Boxing, Power lifting Body Building, Archery, Yoga. It also organizes Self-defense (Tae-Kwon-do) classes. The Sports Committee make their calendar annually which includes various inter departmental tournaments, Summer and Winter Camps and the Annual Athletics Meet. Maintenance and utilizing of physical, academic and support facilities is an important aspect of the internal and external audits. Review of audit assessments and its follow up is initiated.

https://ramanujancollege.ac.in/wp-content/uploads/2021/01/4.4.2.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship/ Financial Aid	110	156620
Financial Support from Other Sources			
a) National	Sports/ Academics	310	950000
b)International	Conferences/ Seminars/ Workshops	135	424000
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Certificate and Diploma Courses in Happiness, International Financial Reporting Standards (IFRS), Human Rights Studies, Radio Jockey and Broadcasting, Mass	22/07/2019	1208	EY (IFRS), ICAI, ICA (Delhi-NCR Chapter)

Media, Basics of Research, Research and Data Analysis and Financial Modelling			
Personnel Counselling and Mentoring	22/07/2019	2500	All Teachers of the College
Remedial Classes (Odd Semester)	16/11/2019	345	All Teachers of the College
Special Lecture on "Mindfulness" by Prof. Bilge Uzun	16/08/2019	75	Department of Applied Psychology
A two-day Interdisciplinary workshop on "Financial Modelling for third year students of undergraduate courses such as BMS, B.Com. (H), BA (H) Economics, and B. Com. at Ramanujan College	17/10/2019	46	Department of Management Studies
Seminar on Emotional Intelligence by by Dr Vandana Gambhir Chopra (Assistant Professor, Department of Psychology, Keshav Mahavidhyalaya)	18/06/2019	86	Department of Physical Education
International Yoga Day	27/05/2020	150	Department of Applied Psychology
Seminar on "Actuarial Science- A career worth	16/09/2019	76	Department of Statistics
A series of Career-Counselling Sessions for the students on the topics: Media as a Career, Corporate Communications as a Career, Aptitude Tests in Competitive Examinations, and Advertising: A Potential Career	27/01/2020	68	Department of English
Seminar on Emotional	04/11/2019	88	Department of Vocation

Intelligence by Dr Vandana Gambhir Chopra (Assistant Professor, Department of Psychology, Keshav Mahavidhyalaya)					

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	CAT Learning Classes/ Personality Development Classes/ Other Special Classes	251	950	124	335
2020	CAT Learning Classes/ Personality Development Classes/ Other Special Classes	320	2950	174	112

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	5

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
57	1423	335	18	407	57

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

Year	Number of	Programme	Depratment	Name of	Name of

	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2019	352	File Attached	File Attached	File Attached	File Attached
2020	391	File Attached	File Attached	File Attached	File Attached
		View File			

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

Items	Number of students selected/ qualifying
CAT	52
TOFEL	25
NET	5
GMAT	43
SET	24
GRE	23
Any Other	33
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Self-defense classes by Department of Physical Education	Institutional	130
Bi-annual fitness camps (Summer and Winter)	Institutional	155
Inter Departmental Matches for Sports like Chess, Boxing, Kabaddi, Volleyball, Carrom, Football, Cricket etc	Institutional	667
Music cum Meditation event by an European Meditation Band	Institutional	45
Japanese Craft Workshop	Institutional	37
Annual Art Exhibition Varnatulika'20	Inter-College	400
Online Calligraphy Workshop	Institutional	68
A Diwali Mela: Onella- Celebrating a light called life organized by EDUCEN- The Vocational Society, Essenzia - The Economics Society, Girl Up Ramanujan and Pathshala (22-10-2019)	Inter-College	2000

Annual Sports Day on 20-02-2020	**Institutional**	**1200**

View File

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	**First Position/ Gold Medal**	**National**	**3**	**36**	**---**	**See Attached File**
2019	**Second Position/ Silver Medal**	**National**	**8**	**14**	**---**	**See Attached File**
2019	**Third Position/ Bronze Medal**	**National**	**7**	**1**	**---**	**See Attached File**

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

The Students Union is the most important body representing all the students of the College. The student representatives work as office bearers and members in the Students Union, which works for the general interest and the welfare of all the College students. It brings grievances and the problem of the students into the notice of the appropriate authorities and organizes various activities including freshers party, farewell, educational trips, students welfare programmes and cultural activities. The College has students Union affiliated to its parent body, Delhi University Students' Union (DUSU). Every year students union elections are being held to elect 6 office bearers: a) President b) Vice- President c) Secretary d) Joint- Secretary e) Two central counselors. The Students Union is constituted and functions on the guidelines laid by the University of Delhi. Some additional guidelines are annually framed by the Colleges Students Union Advisory Committee to ensure smooth working. In 2019-20, following were the members of Ramanujan College Students Union: President: Pankaj Sharma, B.Sc. (H) Mathematics, 3rd year, 3rd year Vice- President: Shivani Singh, BA (H) Philosophy, 2nd year, Secretary: Tarsem Kasnia, BA Programme, 2nd year, Joint Secretary: Nakul Tyagi, B.Com. (H), 1st year, Central Councillor: Gagan Naagar, B.Com. (H), 1st year and Priyanshu Gangwal, B.Com. (H), 1st year. Apart from the student union, all the societies and centres of the college have the students as their office bearers who work under the guidance of faculty members. There are three student representatives (one from each year) in the Internals Complaint Committee against Sexual Harassment. The Internal Quality Assurance Cell (IQAC) of the college has one representative each from amongst the current Students and Alumni.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of College registered under Societies Registration Act

1860 on 23rd March 2018 is very active. Especially since the past few years we have been collecting detailed contact information of our students who later on become alumni members. We undertake periodic surveys to know their current job profile, higher education status, and information for any other engagement. We maintain proper record of the same. We also contact them and share invitations and information for important college events and programs. The bond that our students forge with their batchmates, students of senior-junior batches, teaching and non-teaching staff, and the institution as a whole is memorable. To sustain this spirit, almost all departments of the college regularly organise alumni get together. College as a whole also organises Alumni meet. However, due to the Covid-19 Pandemic, the college couldnt organize Alumni Meet last year. The Alumni Association also provides scholarships to the students on need cum merit basis. These scholarships are awarded during the Annual Day of the college.

5.4.2 – No. of enrolled Alumni:

4500

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

1927500

5.4.4 – Meetings/activities organized by Alumni Association :

Annual Alumni Meet is regularly conducted and in addition, 3-4 meetings are held every year. At the Departmental level, alumni meet and interactions are also organised.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The administration responsibilities have been well segregated among the faculty members and non-teaching staff. At the core of this decentralized process, is the statutory Staff Council in which the entire teaching faculty, are the members. The constitution of various committees and the delegation of authority and responsibilities to the members and Conveners of the various committees ensure a decentralized method of functioning. There are nearly 20 committees which undertake various college activities. Some of the important committees of the Staff Council are: the Admission Committee, the Examination Committee, the Time-Table Committee, the Workload Committee, the Discipline Committee, the Sports Committee, the Cultural Committee, the Infrastructure Committee, the Maintenance and Supervision Committee, the Placement Cell, the Purchase, Stock Disposal and Stock Verification Committee, and the IT Infrastructure Committee. Apart from these committees, various other committees are also formed by the Principal of the College for carrying out any specific tasks. Also, the staff association is consulted for making important decisions pertaining to the college. The college also has more than 35 centres, cells and societies that are actively involved in several programs. It is ensured that there is all round participation of students and leadership and organizational activities is encouraged in the societies by giving them formal responsibilities. Faculty members are responsible for supervising and managing the routine activities of these bodies. The college has a student union that is proactive in bringing the student issues to the concerned authorities and assists in bridging the gap between the administration and the students.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	The Admission in the University of Delhi is done though a centralised application process and students are admitted on cut offs decided by individual college for individual courses. In our college an efficient student-friendly process ensured that the admissions for the year 2019-20 were carried out smoothly. Admissions in the college are paperless, computerized and efficiently well-organized. The instant print-out of the identity and library cards through Smart 50 machine proved very popular among the new students. Multiple checks have ensured a dispute and grievance free admission.
Human Resource Management	The total number of vacancies and process of selection and recruitment are strictly ordained by the University of Delhi. Teachers are encouraged and permitted to participate in general and specific training programmes like induction programmes, refresher courses, faculty development programmes and workshops. The faculty is provided with semester time-tables well in time and they are also uploaded on the website of the college. Teachers have to submit lessons plans and IQAC conducts periodical academic audit. Practical and hands on teaching and learning practices are encouraged. IQAC reviews performance on the basis of feedback to improve teaching efficiency.
Library, ICT and Physical Infrastructure / Instrumentation	The IQAC of the college has encouraged the Departments to procure books with new titles to the library collection. Open source software Koha was adopted for Library Automation. The library has been equipped with an air-conditioned reading lounge for teachers and students separately which are Wi-Fi connected. Signage and portraits of great Indian have been installed. Library stack hall has enhanced storing capacity with addition of foldable almirahs. The library staff have been sent for specific developmental training programmes to augment their efficiency. The Library page in the College website has been upgraded with

		new features providing better interface for interface.
	Research and Development	The Research and Development Cell of the college has been provided funds for innovative activities in the cell. For promotion of research environment, the college had instituted Ramanujan College Achievement Awards for the outstanding research publications and provide financial incentives to the teachers publishing research papers in Scopus and Web of Science Journals. The College has advanced computer labs, psychology lab, accounting and finance lab, robotic lab and a media lab to facilitate research and innovative teaching. Under the Antha Prerna Cell this cell, the students are capacitated to serve as entrepreneurs. The cell also hosts training programs for students for imbibing skills in latest technological tools. TLC of the College has sanctioned minor research projects involving both teachers and students.
	Examination and Evaluation	The University of Delhi conducts the semester based examinations for all its affiliated and constituent colleges. As per the directions of the University, standardized practices in semester examinations are followed in the College. • Internal Assessment is done though assignments, class tests and class presentations. For the year 2019-20 the December 2019 odd semester exam was held in the offline mode while the month of May 20 even semester exam was conducted in the OBE mode by the University. A special cell was created to address the concerns and difficulties of the students for the smooth conduct of the OBE exam. The teachers of the college adapted to the online OBE exam evaluation system and participated in the evaluation process.
	Teaching and Learning	The college conducted an external academic audit. The performance of each Department and individual teacher was assessed by a team of experts. The experts interacted with all the teachers Department wise. The report of of the audit committee was shared with the teachers in review meetings. The college organizes workshops, lectures and seminars regularly for students and teachers. Training sessions for faculty members through faculty development programs are conducted. Hands on skill

	development courses have been organized for teachers and students on developing MOOCS, Google class room, Microsoft Teams and several others online teaching methods. ICT enabled student-centric teaching methodology has resulted in more interactive classes. Feedback and evaluation mechanism have helped to identify students shortcomings and additional assistance through remedial teaching and bridge courses is provided. Special mentoring is done for advanced learners. The lockdown due to the Covid 19 pandemic provided an opportunity to the teachers to experiment in online teaching methods and learn to use many ICT pedagogic tools for better teaching learning experience.
Curriculum Development	The University of Delhi notifies the undergraduate CBCS curriculum/courses for different subjects which the college statutorily follows. The University redesigns and develops curriculum from time to time though the duly constituted curriculum/courses designing committees of the University Departments. As a constituent college of the University of Delhi many teachers of the college are members of these University designated curriculum/course development/revision committees. Faculty members of the college have developed special courses for online teaching methods that have been used by the Teaching Learning Centre for its various online and off line workshops, FDPs and FIPs. Thousands of teachers across the country, who enrolled for the programmes offered by the TLC, have had access to these courses developed by the teachers of the college.
Industry Interaction / Collaboration	The Placement Cell of the college is collaborating with the Industry for grooming personality and placement purposes. The Placement Cell organised a Job Fair, in collaboration with the Department of Management Studies and the Department of Vocational Studies on 2nd March 2020. A total of 29 companies participated in the job fair and gave 150 offers to approximately 800 participating students. In 2019 20, a total of 57 companies visited the College campus, around 1500 students participated in campus recruitments,

335 students were selected or shortlisted for final job and 626 students selected or shortlisted for internships. The College is collaborating with different industries as an initiative required for the Deen Dayal Upadhyaya Kaushal Kendra in which skilled based vocational courses are taught.

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

E-governace area	Details
Planning and Development	The college has an online feedback system which it utilizes to take feedback from students and teachers regarding the teaching learning process and college infrastructure. Suggestions are invited from them for identification of issues and to support continuous improvement. The feedback is mailed to the concerned personnel and reformative measures are implemented with their consultation.
Administration	There is an e-management system developed by the IT team of the college that comprises of information pertaining to each student that leads to simplification of the I-card issuance and distribution process. Attendance is filled and monitored through the online portal or Android App. This has highly benefited the students and teachers as a whole in taking attendance, recording it in a paperless way and anytime access for the student and teacher. Stock management is also done using a software designed for keeping a record of all the infrastructural facilities, its use, procurement and related facets.
Finance and Accounts	The finance department efficiently deploys Tally for keeping accounts. GEM is used for making online purchases.
Student Admission and Support	The admission process is highly structured. It uses the University admission portal.
Examination	The examination process in the college has been made more efficient and simpler for the students. The seating plans were sent online to the students beforehand to help them take their seats early and not lose time and also prevent chaos. The Admit cards and student results are displayed on the portal.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	All teachers of the college	One week interdisciplinary FDP "Teachers, Teaching and Taught Discovering New Meanings, Relationships and Purpose" by IQAC	---	200000
2020	Dr. K. Latha	National Conference on Business and Management	---	1000
2019	Dr. Nirmalya Samanta	Media Trade Fair India Joy and signing of MOU with Media and Entertainment Skills Council	---	15572
2019	Dr. Nirmalya Samanta	Manthan- Impeccable Academia Workshop and Launch of Creative Warriors Programs	---	15097
2020	55 Faculty Members	Faculty Development Programmes and Faculty Induction Programmes conducted by Teaching Learning Centre, Ramanujan College	---	40000
2019	32 Faculty Members	Faculty Development Programmes and Faculty Induction Programmes	---	18000

| 2019 | Dr. S. P. Aggarwal | Award Ceremony of 50 Most Influential Principals of India | World Education Congress | 19241 |

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	UGC and SERB Sponsored International Conference on Applicable Mathematics	---	19/12/2019	21/12/2019	28	Nill
2019	UGC sponsored National Conference on "Emerging Trends in Statistics and Data Science (ETSDS-2019)"	---	06/09/2019	07/09/2019	12	Nill
2019	UGC Sponsored National Seminar on Globalization, Diversity and Equality: Challenges for Indian	---	20/09/2019	21/09/2019	10	Nill

Year						
	Society					
2019	---	Two Week FDP on Information Technology Applications in Library and Information Sciences (organized in collaboration with Indira Gandhi National Centre for Arts)	09/10/2019	20/10/2019	7	10
2020	UGC Sponsored FDP on Teachers, Teaching Taught Discovering New Meanings, Relationships Purpose	---	01/01/2020	07/01/2020	90	Nill
2020	---	Two Week Online Workshop on From E-Learning to E-Training: A Comprehensive Guide for all your Administrative Work (organized in collaboration with Research Development and Services Cell, Ramanujan College)	25/05/2020	05/06/2020	20	50

2019	Four Weeks Faculty Induction Programme	---	22/05/2019	21/06/2019	12	Nill
2020	Two Week FDP on Managing Online Classes and Co-creating MOOCs	---	20/04/2020	06/05/2020	50	Nill
2020	Online Faculty Development Programme on Open Source Tools for Research (organized in collaboration with Research Development and Services Cell, Ramanujan College)	---	08/06/2020	14/06/2020	15	Nill
2019	One Day Workshop on Business Organization and Management (organized in collaboration with Department of Commerce, Ramanujan College and Department of Commerce, Delhi School of Economics)	---	23/09/2019	23/09/2019	18	Nill
			View File			

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
One Week Faculty Development Programme on Entrepreneurship, Incubation and Innovation (organized in collaboration with Antha Prerna Cell, Ramanujan College)	16	23/06/2020	29/06/2020	7
Online Induction Training/ Orientation Programme for Faculty in Universities/ Colleges/ Institutes of Higher Education (organized in collaboration with Research Development and Services Cell, Ramanujan College)	25	04/06/2020	01/07/2020	24
Two Week FDP on Managing Online Classes and Co-creating MOOCs (Organized by TLC, Ramanujan College)	50	20/04/2020	06/05/2020	14
One Week FDP on Co- Creating MOOCS (Hands on Training for Designing Developing MOOCS)	14	10/02/2020	16/02/2020	7
Two Week FDP on Recent Advances in	14	17/01/2020	28/01/2020	12

Research Methodology				
UGC Sponsored FDP on Teachers, Teaching Taught Discovering New Meanings, Relationships Purpose (organized in collaboration with IQAC, Ramanujan College)	90	01/01/2020	07/01/2020	7
Seven Days FDP on Research Methodology and Statistical Tools	10	23/12/2019	29/12/2019	7
National FDP on Multivariate Data Analysis (Sharpening Your Skills in Statistical Applications) (organized in collaboration with Department of Financial Studies, South Campus along with Indian Accounting Association, NCR Chapter)	6	30/09/2019	06/10/2019	7
One Day FDP on Financial Accounting and Income Tax Laws (organized in collaboration with Department of Financial Studies, South Campus along with Indian Accounting Association, NCR Chapter)	12	30/08/2019	30/08/2019	1
One Week FDP on Accounting Standards (organized in collaboration	4	06/08/2019	12/08/2019	7

with IQAC, PGDAV College)	

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	9	Nill	4

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
There is a Cooperative Thrift and Credit Society for the teaching and nonteaching staff of the college which provides the loan at a reasonable rate. The college has an in-house fully equipped Medical Room for the staff of the college with a nurse. Also, the college has a professional Clinical Psychologist who visits our college once a week. GIS/ NPS is available to all members. The college has a quota for admissions of eligible wards of employees. As per the university and central government rules, all the allowances are given to all the employees as per their entitlement without any delay. For attending workshops/ conferences/ seminars, the teachers are provided academic leaves with the financial support. The IQAC has devised awards for teaching staff of the college to provide incentive for their commendable research work/ publications/ innovative teaching/ paper presentations.	There is a Cooperative Thrift and Credit Society for the teaching and nonteaching staff of the college which provides the loan at a reasonable rate. The college has an in-house fully equipped Medical Room for the staff of the college with a nurse. Also, the college has a professional Clinical Psychologist who visits our college once a week. GIS/ NPS is available to all members. The college has a quota for admissions of eligible wards of employees. As per the university and central government rules, all the allowances are given to all the employees as per their entitlement without any delay. The IQAC has devised Ramanujan College Achievement Awards for non-teaching staff of the college to provide incentive for their innovative administrative reforms and good practices.	• The college has an inhouse fully equipped Medical Room for the staff and students of the college with a nurse. • Our college has a professional Clinical Psychologist who visit our college once a week. We have a Counselling Cell run by selected teachers and students of the Department of Applied Psychology of our college. • The college has a Fee Concession Committee, an Internal Complaint Committee, an Anti-Ragging Committee, and a Student Grievance Redressal Cell to cater to the needs of the students. • Ramanujan College believes in acknowledging and appreciating the achievements of its students. The college honours its outstanding students for their hard work and sincerity through various categories of awards and scholarships. • The College has been offering coaching facilities for students to appear in various competitive examinations. The Placement Cell offers CLC (CAT Learning Classes) to prepare students for management entrance tests. • Each department follows the Mentor-Mentee

program in which a group of students are assigned to a teacher who mentors them. Students meet their mentor on a frequent basis to iron out any problem they are facing. This helps in identifying and mentoring personal and academic issues. • The reserved category students are getting scholarship from various sources including state and central governments, and private trusts and agencies. • The societies and cells of the college like NSS, Tatva: Eco Club, Women development Cell, Enactus and Thrust: Entrepreneurship Cell, sensitize the students towards environment, gender equality, women empowerment, health, management and social responsibility. • The IQAC Ramanujan College has organized Personality Development classes for the final year students of the college on weekly basis by the expert experts. • During the Covid-19 pandemic, the Counselling Cell run by Department of Applied Psychology identified the students from North-East Region (around 20) and the students living away from the family in Delhi (and couldn't go back to their hometown). This exercise was being accomplished immediately after the announcement of lockdown for their help. The personal mobile numbers of the team members were shared with all such students. The team was in constant touch with all these students and interact with them regularly through telephonic call/

WhatsApp. If any student faces any type of difficulty (physical, social or emotional), counselling is provided by the team members. Moreover, all necessary assistance like grocery, medicines etc has also been provided to all the needy students. It is worth to remark that this assistance and counselling was not only confined to our students, but also to the students of other colleges as well staying nearby our college.• One Semester Fee of the college was completely waived off for around 20 economically backward students during the Covid-19 Pandemic.

6.4 – Financial Management and Resource Mobilization

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

Internal Audit: Ramanujan College conducts Internal Financial Audit periodically by reviewing and cross checking every transaction at multiple points through Account SO, Account AO, Bursar, and Principal of the College. All staff members are informed of proper and valid documentation proof to be attached in support of all transactions and expenditures which they want to get reimbursed from College. This process ensures that proper record and justification is available for all expenditures and payments done. External Audit: Every year External Financial Audit is also done for which the Auditors from CAG visit the college. The entire accounts department staff engages with them providing necessary supporting documents and explanations to satisfactorily answer all queries. Being a public funded institution, the college itself takes lead in conducting external financial audit periodically to maintain the highest level of trust, transparency and integrity. We also publish our audited annual financial statements publicly by uploading it on the college website.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
SRCC, University of Delhi/ Various Sponsorships/ Kirori Mal College, University of Delhi/ ARSD College, University of Delhi/ Sri, Venkeshwara College, University of Delhi/ HRDC Madras University/ WCL Sports Management Pvt.	934000	Consultancy/ Sponsoring Various Events of the College/ Paramarsh Scheme of UGC

	Ltd.		

6.4.3 – Total corpus fund generated

178746299

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IQAC (through a committee of external members)	No	Nill
Administrative	Yes	IQAC (through a committee of external members)	No	Nill

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

There are activities organized by the College wherein parents are encouraged to attend. In the beginning of the academic year it is mandatory that parents of first year students attend an Orientation on all academic programs and student support services offered on campus. The departments organize a one-on-one dialogue with parents whose children need further support and counselling services to enrich performance.

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

The administrative staff is encouraged to take up regular training programs provided by the Government. ICT Skill development and avenues for the career promotion for the support staff is also being encouraged. A Two Week FDP on Information Technology Applications in Library and Information Sciences was organized by the Teaching Learning Centre of the Ramanujan College in collaboration with Indira Gandhi National Centre for Arts from 9-20 October 2019 to acquaint participants with emerging ICT skills and knowledge critical for ensuring improved library services to the users. It was attended by all the staff of the Ramanujan College Library, which helped them to be aware about ICT skills and knowledge and their application in the library, development of strategy and structure for implementation of new technologies, adoption of best library practices with emerging IT skills and ability to use open source software i.e., Koha and Dspace. The other program was conducted during the lockdown: Two Week Online Workshop on From E-Learning to E-Training: A Comprehensive Guide for all your Administrative Work, organized by TLC Ramanujan College in collaboration with Research Development and Services Cell, Ramanujan College from 25 May -3 June 2020. This program was attended by all the non-teaching staff of the college. This workshop proved to be highly beneficial for our staff in which they had hands on training on the following software tools: Advanced features of Word Processing and Spreadsheets, Google Forms, Google Sites, Digital Signatures, Mail Merge in Gmail, Preparing minutes through audio tools andTask Management. The third initiative to augment and upgrade the working of the administrative staff of the college was its External Administrative Audit. It was conducted for the Administration of the college on 19-20th of December 2019. The first day was devoted to the audit of the college Library which was done by Prof. Ramesh C. Gaur, Dean Director of Library and Information, Indira Gandhi National Centre for arts, New Delhi. The Accounts

and Administration Departments of the college were audited by Dr. Vikas Gupta, Assistant Registrar, University of Delhi and Dr. Vikas Madan, Department of Computer Science, Shri Ram College of Commerce audited the Information technology Department on the second day. All administrative staff had submitted a SED individually and each Administrative Department also submitted a Departmental SED. The external Administrative auditors submitted detailed reports about their assessment of the various departments and individual members. These reports were shared with the administrative staff in the review meetings that were held post the external audit. For the institution the process of the Audit was significant in the manner in which it brought out the strengths of the administration of the institution and showed ways for further improvement.

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

1. Construction of New Building: In 2017, a new independent environment friendly building of the college has been constructed with state of art classrooms, laboratories, staff rooms and an auditorium. The new building is supported by a gigantic service centre with provision of a sewage treatment plant, solar panels, water harvesting plant, electric sub station and power generators. 2. Teaching Learning Centre (TLC): The College has been sanctioned a TLC in 2017 under the aegis of PMMMNMTT scheme of MHRD which has organized a total of 41 workshops/FDPs/Induction Programmes from July 2017 – March 2020 with a total of 2082 participants from all over India in the physical mode. To continue the teaching learning process during the COVID19 pandemic, the College has created a customised Learning Management System platform and within the span of three months (April to June 2020), the TLC has trained more than 45,000 participants through 11 online programmes. 3. National Resource Centre (NRC): The MHRD notified Ramanujan College as the NRC in 2018 for three extremely pertinent and interrelated disciplines, namely, Human Rights, Environment and Ethics under ARPIT scheme. A total of 37 lectures were recorded on the recent themes and developments in the field, followed by vibrant panel discussions and 743 participants registered and participated in the course. We have also now started creating our own e-learning video resources and have started providing consultancy services for recording and creating video resources to other colleges and departments of University of Delhi. 4. School of Happiness: A one of its kind initiative, the school was launched at Ramanujan College on 27th July 2018 by Shri Sanjay Mishra (the famous Bollywood actor) and focuses on developing long term happiness and well being of teachers and students to improve their efficiency and overcome the stressful life. The School is hosting a six-month certificate course in Happiness. 5. Augmenting Research Environment among Faculty Members: The IQAC devised several initiatives to inculcate research culture among the faculty members. One of them was Ramanujan College Achievement Awards which are being conferred to teachers who have done commendable research work. Another initiative is the announcement to provide financial incentive to the teaching faculties of Ramanujan College for publishing research papers in Web of Science and Scopus Journals. 6. Conduct of External Academic Audit of the teaching staff and External Administrative Audit of the non teaching staff of the College: To further augment the assessment of the institution, the IQAC of the college conducted for the first time an external audit of the teaching and non-teaching staff of the college in 2019. Ramanujan College is perhaps one of the few colleges of the University of Delhi to have conducted this external audit.The audit assessment has helped the institution to become aware of its strengths and of the future challenges.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes

c)ISO certification	**Yes**
d)NBA or any other quality audit	**No**

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	**Mentor-Mentee Program, Slow and Fast Learners**	**01/07/2019**	**22/07/2019**	**30/05/2020**	**2500**
2019	**Financial incentive to the teaching faculties of Ramanujan College for publishing research papers in Web of Science and Scopus Journals**	**04/11/2019**	**07/11/2019**	**31/12/2020**	**113**
2020	**Online Training of Teaching and Non-Teaching Staff through customised Learning Management System (LMS) platform (developed by Ramanujan College during Covid Pandemic)**	**06/04/2020**	**20/04/2020**	**30/06/2020**	**45000**
2019	**FDP/ Workshops/ Induction Programme conducted by Teaching Learning Centre, Ramanujan College (in physical mode)**	**01/04/2019**	**15/04/2019**	**31/03/2020**	**772**
2019	**Publication**	**01/07/2019**	**22/07/2019**	**12/12/2019**	**600**

	of the fourth edition of the Ramanujan International Journal of Business and Research (RIJBR) (listed in UGC Care)				
2019	External Administrative Audit of the non-teaching staff of the College	30/09/2019	19/12/2019	20/12/2019	50
2019	External Academic Audit of the teaching staff of the College	01/07/2019	12/09/2019	13/09/2019	113
2019	FDP on Teachers, Teaching and Taught Discovering New Meanings, Relationships and Purpose (exclusively for all teachers of the college)	23/12/2019	01/01/2020	07/01/2020	90
2020	Effective Teaching-Learning during Lockdown	21/03/2020	23/03/2020	30/05/2020	70
2019	Certificate and Diploma Courses	01/07/2019	22/07/2019	30/05/2020	1208
	[View File](#)				

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the	Period from	Period To	Number of Participants

programme			Female	Male
Lecture on "Gender and Environment" by Department of Environmental Studies	13/02/2020	13/02/2020	21	32
One day seminar on Gender Sensitization by Department of Vocation	12/02/2020	12/02/2020	34	42
Session on "Gender and Human Rights" in the three-month Certificate Course on Human Rights	16/02/2020	16/02/2020	10	12
Screening of the Movie "Periods: End of Science" by Women Development Cell, Ramanujan College	29/01/2020	29/01/2020	35	19
Sanitary Pads Donation Drive in collaboration with NGO: Kind Beings	26/02/2020	27/02/2020	15	8
Self-Defence Camp in collaboration with Delhi Police	25/02/2020	29/02/2020	35	Nill
Session on "Gender Based Violence" in the three-month Certificate Course on Human Rights	23/02/2020	23/02/2020	10	12
Workshop on Women's Health	04/03/2020	04/03/2020	41	Nill
Talk on "LGBTQ+ Issues and Rights" by Vikramaditya	16/10/2019	16/10/2019	34	42

Sahai				
Module on "Gender Sensitization" by Dr. Aparajita Mazumdar and Ms. Shipra Yadav	29/06/2020	29/06/2020	1992	1903
Supported the project "Tackling sexual harassment" let by Karmini Sharma (PhD Student at University of Warwick, UK)	08/08/2019	31/01/2020	800	300

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

Percentage of power requirement of the University met by the renewable energy sources
The college has installed solar panels on new building terrace. There are also 8 Solar street lights in working condition. 20 percent of the total power requirements have been met by the renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	4
Ramp/Rails	Yes	10
Braille Software/facilities	Yes	2
Rest Rooms	Yes	4
Scribes for examination	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	7	8	22/07/2019	62	Swacchta Pakhwada, Plantation Drive, Cleanliness Drive, Various	Hygiene, Cleanliness, Sense of responsibility towards society	483

					Rallies, Independence Day Celebration, CEFA (Computer Education for All), Old Age Home Visit, Visit to Government School, Visit to Zoo, Regular Teaching of Slum Children	and environment, Awareness about Road Safety, Cancer and Swachh Bharat, Co-curricular Activities/ Computer Knowledge / Proper teaching for Slum Children	
2020	6	4	01/01/2020	25	Sanitary Pad Donation Drive, Republic Day Celebration, Cleanliness Drive, Coronavirus Awareness, Food Donation Drive, Mask Donation Drive, Online Teaching to slum children, Fundraising for needy people	Hygiene, Cleanliness, Sense of responsibility towards society and environment, Awareness about Coronavirus Pandemic, Co-curricular Activities/ Online teaching for Slum Children, Drives for the needy people during pandemic	393

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
BULLETIN OF INFORMATION FOR ADMISSION TO UNDERGRADUATE PROGRAMMES (2019-20)	17/06/2019	The bulletin contains various ordinances pertaining to students and teachers like Maintenance of discipline among Students of the

	University, Prohibition and Punishment for Ragging and the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (MINISTRY OF LAW AND JUSTICE)

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Six-Month Certificate Course on Happiness	05/08/2019	30/04/2020	61
Khushi: World Happiness Day by Rotaract Club, Ramanujan College: An initiative to encourage spending time with family and doing activities which make people happy	20/03/2020	20/03/2020	35
Music cum Meditation event by European Meditation Band	26/09/2019	26/09/2019	45
Constitution Day by NSS	26/11/2019	26/11/2019	38
Friendship Day by Outreach Society in which the students made friendship bands and cards for their fellow students, friends and pupil teachers	01/08/2019	01/08/2019	45
Teacher's Day by Outreach Society in which children from the Govindpuri slum prepared colorful greeting cards for "their teachers" (volunteers form Ramanujan College, who teach them)	05/09/2019	05/09/2019	32
Republic Day by Paathshala in which a craft activity session was organized for the children of	19/01/2020	19/01/2020	39

Govindpuri slum, with the aim to create a sense of nationality, patriotism and unity among them.			
Thanking Doctors by Rotaract Club, Ramanujan College in which an initiative was taken to dedicate a vote of thanks to the doctors working selflessly, 24/7, during the Corona Virus pandemic	15/04/2020	15/04/2020	46
National Voter's Day by Rotaract Club, Ramanujan College to promote the new voters to make their voter ids and cast their vote	25/01/2020	25/01/2020	34
A Seminar on Disability Rights	07/11/2019	07/11/2019	35
[View File](#)			

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

- Green Campus - Installation of Bio-toilet in the college campus - Wooden nests on the trees along the boundary walls to conserve biodiversity -Installation of Solar Panels on new building terrace - Installation of Sewage Treatment Plant -- Installation of Solid Waste Disposal Machine: ECO-MAN - Plantation drive in the college premises - Regular drives for plastic free environment is conducted in the college to aware the students, teachers and non-teaching staff. - Regular visits for students to various biodiversity parks and National parks in and around the city.-The college has established an association with Karo Sambhav (PRO) for proper disposal of e-waste and transferred the ownership of electronic waste weighing 55 Kgs to them in 2019. -Vriksharopan was conducted in the college premises. -The college made efforts and was successful in the conservation of a 50 year old tree in the campus. Disposal of Bio-medical Waste generated from Medical Room, Ramanujan College was done through Biotic Solutions Pvt. Ltd., GT Karnal Road, Delhi, in the month of November 2019 to create a proper channel for medical waste disposal. -A Yulu E-Bike station was inaugurated in the College campus on 10th February 2020 to promote active transportation, which improves the health of communities and lowers ones healthcare costs, in addition to the protection of environment as well. The formation of herbal garden and marking of trees with the scientific and local names inside the college campus (as an initiative to make students and the staff aware of the same) is in progress.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice-I: Teaching Learning Centre (Motto: Reaching the Unreached): The

College has been awarded a Teaching Learning Centre (TLC) under the aegis of the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT, MHRD) in 2017. The Centre runs along the mission objectives and the guidelines set up by the MHRD and has at its core the idea of facilitating teaching learning process to the teachers across the country, especially those located in the remote areas of the country. A total of 16 programmes (Faculty Development Programmes /Faculty Induction Programmes/Workshops) have been conducted by TLC, Ramanujan College from April 2019 to March 2020 with 772 beneficiaries. Till March 2020, all the programmes conducted by TLC, Ramanujan College were primarily based on physical interaction. To continue the teaching learning process during the COVID19 pandemic, it was decided to organize the FDP/FIP/Workshop online with virtual engagement with all participants/learners. The College has created a customised Learning Management System (LMS) platform which is not only predominantly participant friendly but also incorporates within it evaluation methods and comprehensive feedback systems to judge learning outcomes. This creative, innovative and effective method of online training by Ramanujan College is highly appreciated by the participants across the country. Within the span of three months (April to June 2020), the TLC has trained more than 45,000 participants through 11 online programmes. The TLC, Ramanujan College, has associated with following eminent institutions in academic year 2019-20 for collaborative work and in the process created a synergy effect: 1. Department of Financial Studies, South Campus along with Indian Accounting Association, NCR Chapter. 2. Indira Gandhi National Centre for Arts 3. Department of Business Economics, University of Delhi 4. IQAC, PGDAV College, University of Delhi 5. Department of Commerce, University of Delhi 6. Sri Venkateswara College, University of Delhi 7. ARSD College, University of Delhi 8. Department of Philosophy, University of Delhi. TLC, Ramanujan College, has not only broken boundaries spanning teacher's training and but is also assuring state of the art training to thousands of teachers pan India through online mode. Numerous feedbacks received through the entrusted platforms as well as social networking platforms from the participants tell a story about the progression of TLC, Ramanujan College. There have been four major gains in the online training of teachers through our Teaching Learning Centre. Firstly a very large number of participants have been able to access the courses at the same time. Secondly the Teaching Learning Centre of the College has been able to reach out to many teachers who are located in remote parts of the country. Thirdly, the process has also been cost effective as it did not involve travel, boarding and lodging expenses of the participants and the resource person. Finally, the online programmes involved a large number of teachers of various Departments of the college. They worked both online and offline throughout the lockdown period and not only facilitated the smooth running of these programmes but also contributed as resource persons. Currently, we have gained expertise in conceptualising programme details, production of video lectures, hosting of lectures online as well as in open edX platforms and managing huge participation across the country with our able management team. The video production done can be accessed and perused via the YouTube channel link with more than 6,000,000 views. Best Practice-II: Skill-based Training of Students, Teachers and Non-Teaching Staff: The Hon'ble Prime Minister Shri Narendra Modi launched SKILL INDIA MISSION on 15 July 2015 with a aim to train people in India in different skills and with emphasizes at vocational training and certification of Indian youth for a better livelihood and respect in the society. The Ramanujan College is also committed to impart skill-based training to the students, teachers and non-teaching staff of the colleges/ universities. The Ramanujan College conceptualized and launched eight Certificate and Diploma Courses during 2019-20 on the topics: Happiness, International Financial Reporting Standards(IFRS), Human Rights Studies, Radio Jockey and Broadcasting, Mass Media, Basics of Research, Research and Data Analysis and Financial Modelling. These courses drew a participation of 1208

students from all over India. These courses not only emphasized on the skill development of the students, but also will be beneficial for their employability/ entrepreneurship. Various departments of the college also organized the skill based workshops for the students. The Department of Commerce organised a One Day "Cyber Crime, Awareness and Security" workshop on November 6, 2019. The Department of Computer Science organized a Web Development Workshop on 27 and 28 September 2019. A two day (October 17 and 18, 2019) Interdisciplinary workshop on "Financial Modelling comprising 46 participants was organized by the Department of Management Studies. On 26th September, 2019 an informative and practical workshop on DevOps and Github was conducted by the Department of Vocation. A two day workshop on Introduction to Python for students during 14-15 October 2019 by Ramanujan Centre for applied Mathematics and Research. Centre for Robotics and Artificial Intelligence organized Dream AR 101 Workshop Series: on Google AR Code in collaboration with Cluster Innovation Centre, University of Delhi in August 2019. The College is collaborating with different industries as an initiative required for the Deen Dayal Upadhyaya Kaushal Kendra in which skilled based vocational courses are taught. In this regard, the College has signed MOU with the Media Entertainment Skills Council of India for resource and industry support for the launching of vocational and Hons courses in media studies, film animation and computer graphics. The Teaching Learning Centre of the Ramanujan College is dedicated towards imparting skill-based training to the teachers all over the country. More than 750 (in physical mode) and 45000 (in online mode) teachers were trained in creating MOOCs, understanding Research, handling Softwares and Managing Online Classes with proper hands on experience. Two programmes were specifically designed for the non-teaching staff of the colleges during 2019-20. A Two Week FDP on Information Technology Applications in Library and Information Sciences was organized by the Teaching Learning Centre of the Ramanujan College in collaboration with Indira Gandhi National Centre for Arts from 9-20 October 2019 to acquaint participants with emerging ICT skills and knowledge critical for ensuring improved library services to the users. It helped them to be aware about ICT skills and knowledge and their application in the library, development of strategy and structure for implementation of new technologies, adoption of best library practices with emerging IT skills and ability to use open source software i.e., Koha and Dspace. The other program was conducted during the lockdown: Two Week Online Workshop on From E-Learning to E-Training: A Comprehensive Guide for all your Administrative Work, organized by TLC Ramanujan College in collaboration with Research Development and Services Cell, Ramanujan College from 25 May -3 June 2020 with more than 2000 participants. This workshop proved to be highly beneficial for the non-teaching staff in which they had hands on training on the following software tools: Advanced features of Word Processing and Spreadsheets, Google Forms, Google Sites, Digital Signatures, Mail Merge in Gmail, Preparing minutes through audio tools and Task Management.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://ramanujancollege.ac.in/institutional-best-practices-2019-20/

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The College is awarded a Teaching Learning Centre (TLC) under the aegis of the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT, MHRD) in 2017. The Centre runs along the mission objectives and the guidelines set up by the MHRD and has at its core the idea of facilitating teaching learning process to the teachers across the country, especially those located

in the remote areas of the country with the motto Reaching the Unreached. In University of Delhi, only 2 institutions received the prestigious opportunity to set up TLC within their premises, one of them being Ramanujan College. A total of 16 programmes (Faculty Development Programmes /Induction Programmes/Workshops) have been conducted by TLC, Ramanujan College from April 2019 to March 2020 with 772 beneficiaries. Till March 2020, all the programmes conducted by TLC, Ramanujan College were primarily based on physical interaction. To continue the teaching learning process during the COVID pandemic, it was decided to organize the FDP/FIP/Workshop online with virtual engagement with all participants/learners. The College has created a customised Learning Management System (LMS) platform which is not only predominantly participant friendly but also incorporates within it evaluation methods and comprehensive feedback systems to judge learning outcomes. This creative, innovative and effective method of online training by Ramanujan College is highly appreciated by the participants across the country. Within the span of three months (April to June 2020), TLC has trained more than 45,000 participants through 11 online programmes. The TLC, Ramanujan College, has associated with around 10 eminent institutions in academic year 2019-20 for collaborative work. TLC, Ramanujan College, has not only broken boundaries spanning teacher's training and but is also assuring state of the art training to thousands of teachers pan India through online mode. Numerous feedbacks received through the entrusted platforms as well as social networking platforms from the participants tell a story about the progression of TLC, Ramanujan College. There have been four major gains in the online training of teachers through our Teaching Learning Centre. Firstly a very large number of participants have been able to access the courses at the same time. Secondly the Teaching Learning Centre of the College has been able to reach out to many teachers who are located in remote parts of the country. Thirdly, the process has also been cost effective as it did not involve travel, boarding and lodging expenses of the participants and the resource person. Finally, the online programmes involved a large number of teachers of various Departments of the college. They worked both online and offline throughout the lockdown period and not only facilitated the smooth running of these programmes but also contributed as resource persons. Currently, we have gained expertise in conceptualising programme details, production of video lectures, hosting of lectures online as well as in open edX platforms and managing huge participation across the country with our able management team. The video production done can be accessed and perused via the YouTube channel with more than 6,000,000.

Provide the weblink of the institution
https://ramanujancollege.ac.in/institutional-distinctiveness-2019-20/

8.Future Plans of Actions for Next Academic Year

1. The college has planned to reorganize the academic administration in the coming session. 2. The college plans to lay emphasis on the enhanced participation of the students in sports at national and international level. 3. The upgradation of the college canteen is planned with multi-cuisine food and separate sitting arrangements for teachers and students. 4. The computer/IT labs of the college will be upgraded which will cater to handle data globally. 5. The construction of the new building will be completed with an auditorium which will have hi-tech devices for the conduction of various FDPs, Seminars and conferences. 6. The construction of an open air amphitheater is planned by the college for various academic and non-academic events. 7. The IQAC plans to conduct an environment audit in the coming session. 8. Establishment of the Ramanujan College School of Fine Arts. 9. The financial incentives to the faculty members for publishing in Scopus and Web of Science Journals which was announced by IQAC, will be implemented. 10. The college plans to start, B.Sc. (H)

Operational Research and two new B. Voc. And M. Voc. courses subject to approval and receipt of sanction. 11. Formation of a herbal garden in the campus. 12. The IQAC will initiate the process of making final preparations for the NAAC Cycle II in 2021. 13. The promotion and recruitment of teaching and non-teaching is planned for the next session. 14. To sign MoUs with various universities and institutions of India for organizing collaborative online FDPs under the Teaching Learning Centre.