RAMANUJAN COLLEGE

(University of Delhi)

Kalkaji, New Delhi-110019

(Accredited by NAAC with 'A' Grade)

ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2017-2018

Submitted to

National Assessment and Accreditation Council (NAAC)

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

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Part – A

1. Details of the Institution

1.1 Name of the Institution

> RAMANUJAN COLLEGE

1.2 Address Line 1

> F- BLOCK

Address Line 2

> KALKAJI

City/Town

> NEW DELHI

State

> DELHI

Pin Code

> 110019

Institution e-mail address

> ramanujancollege2010@gmail.com

Contact Nos.

> 011-26430192

Name of Head of Institution:

> Dr. S. P. AGGARWAL

Tel. No. with STD Code:

> 011-26421826

Mobile:

> 9911337612

Name of the IQAC Co-ordinator:

> Dr. K. LATHA

Mobile:

> 9311222202

IQAC e-mail address:　　　dr_k_latha@yahoo.co.in

1.3 NAAC Track ID　　　DLCOGN 21475

1.4 NAAC Executive Committee No. & Date:　　EC(SC) 12/A&A/5.1 Dated 19/02/2016

1.5 Website address:　　http://www.rcdu.in

Web-link of the AQAR:　　http://www.rcdu.in/AboutUs/AQAR2016.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	**A**	**3.09**	**February, 2016**	**5 Years**
2	2nd Cycle	--N.A.--			
3	3rd Cycle	--N.A.--			
4	4th Cycle	--N.A.--			

1.7 Date of Establishment of IQAC:　　22/07/2013

1.8 AQAR for the year:　　2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC:

AQAR submitted for the period from January 2016 - July 2017 on September 26, 2017

1.10 Institutional Status

University　State ☐　Central √　Deemed ☐　Private ☐

　　Affiliated College　　Yes ☐　No √

　　Constituent College　　Yes √　No ☐

Autonomous College of UGC　Yes ☐　No √

Regulatory Agency approved Institution Yes   √   No   ☐

Type of Institution   Co-education √   Men ☐   Women ☐

Urban √   Tribal ☐   ☐

Financial Status   Grant-in-aid ☐   UGC 2(f) √   UGC 12B √

Grant-in-aid +Self Financing ☐   Totally Self-financing ☐

1.11 Type of Faculty/Program

Arts √   Science √   Commerce √   Law ☐   PEI (Phys Edu) √

TEI (Edu) ☐   Engineering ☐   Health Science ☐   Management √

Others (Specify): B. Voc. under Deen Dayal Upadhyay KAUSHAL Kendra

1.12 Name of the Affiliating University

University of Delhi

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR

The College has been sanctioned a Teaching Learning Center (TLC) under the aegis of the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT, MHRD). The Center runs along the mission, objectives and the guidelines set up by the MHRD and has at its core the idea of facilitating teaching leaning process to the teachers across the country, especially those located in the remote areas of the country.

The College has also been sanctioned by the MHRD a National Resource Center (NRC) for developing specialised Online and MOOC courses in the disciplines of Ethics, Human Rights and Environment.

2. IQAC Composition and Activities

2.1 No. of Teachers | 9 + 1 (Principal)

2.2 No. of Administrative/Technical staff | 1

2.3 No. of students | 1

2.4 No. of Management representatives | 3

2.5 No. of Alumni | 2

2. 6 No. of any other stakeholder and community representatives | 2

2.7 No. of Employers/ Industrialists | 1

2.8 No. of other External Experts | 2

2.9 Total No. of members | 21

2.10 No. of IQAC meetings held: 2 meetings.

2.11 No. of meetings with various stakeholders: No. | 1 | Faculty | 5

Non-Teaching Staff Students | 1 | Alumni | 2 | Others | 1

2.12 Has IQAC received any funding from UGC during the year? Yes [ ] No [√]

If yes, mention the amount | **Nil**

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. | 1 | International | --- | National | 1 | State | --- | Institution Level | ---

(ii) Themes | **The IQAC of the College organised a major National level Conference on the theme of `Quality Assurance in Higher Education' on 26th February, 2018 at the India International Center, Delhi.**

2.14 Significant activities and contributions made by IQAC

The IQAC has played an important role in improving the quality of academics and other related activities of the institution. The IQAC took several initiatives throughout the year.

The IQAC monitors academic performances and evaluation systems, augments the teaching-learning process, conducts examination, monitors feedback process, maintains academic coordination, promotes research among teachers and students and assures adequate infrastructural facilities.

Some of the significant activities for the period of 2017 - 2018 are highlighted below:

- The IQAC of the College organized a one-day conference on **"Quality Assurance in Higher Education"** at India International Center, New Delhi, on 26 February 2018. The conference had eminent academicians, educationists and thinkers from different levels of the education spectrum present their views of the conference theme. **Padma Shri Prof. Virander Singh Chauhan**, Former Chairman of University Grants Commission; **Prof. A. P. Padhi,** Former Vice Chancellor, Berhampur University; **Prof. A. Joseph Dorairaj,** Former Vice-Chancellor (Acting), Gandhigram Rural Institute (Deemed University), Gandhigram; and **Ms. Ameeta Mulla Wattal**, Principal, Springdales School, Pusa Road, New Delhi were the main speakers.

- **Academic Scholarship** of Rs 1,09,000 and **Academic Prizes** of Rs 1,10,800 have been awarded to academically brilliant students.

- **Financial Aid** of Rs 2,16,650 has been given to seventy meritorious but economically deprived students.

- On the occasion of the Diamond Jubilee of the College, the IQAC facilitated the teachers with a customized e-tablet. This wi-fi enabled e-tablet is a virtual **e-register** that the faculty uses for their day to day work in the College. The non-teaching staff was also given a mobile each for facilitating institutional communication.

- An **International Conference** on "Indian Economic Transformation through the Revival of Manufacturing Sector and Start-up Ecosystem" was organized by the Department of Commerce at North Campus, University of Delhi on 21st-22nd September 2017. Several eminent speakers from the industry and academia graced the panel discussion sessions. Researchers presented their work on various associated themes and sub themes of the Conference during the technical sessions.

- The Department of Management Studies organized a **two-day National Conferenc**e in association with the Teaching Learning Center on "Leadership in Organizations: Contemporary Concerns and Key Developments" on 22nd–23rd March 2018. The Conference witnessed many academicians and industry delegates. Student-centric business plan competitions and case study presentations drew overwhelming response and participation.

- **Google Classroom**, a virtual learning space to ensure a continuous series of talks, discussions and training sessions along with the easy submission of assignments, online test and evaluation process has been brought into practice. It helps the students overcome the constraints of time and place to guarantee hurdle-free learning.

- The College has also opened a center named "**School of Happiness**". The center will focus on the study of the concept of happiness and its academic and cultural relevance and implications in contemporary society.

- Women Empowerment and Gender Equality are important for the uplift and progress of our nation. In the effort to make Ramanujan College a strong kernel of gender sensitization, the **Women Development Cell** (WDC) has been constituted. The Cell has both the faculty and

- students of the College as its members and works with an aim to create a gender sensitized campus and society.
- The Center for Ethics and Values organised the **Second Conclave** of 'Ethicists and Educationists on Universal Ethics' in collaboration with the Cultural Center of H. H. the Dalai Lama, Tibet House, New Delhi at the India Habitat Center, New Delhi on 14-15 April, 2018.
- The Center for Social Innovation has launched an initiative, **"Paathshaala - Ek Kadam Saksharta Ki Ore"** in July 2017 to provide support to underprivileged children from slums. Inspired by the Sarva Shiksha Abhiyaan and Skill India programs, this initiative is not only to help such children academically but also to build their skills and make them employable. The center has begun basic classes in Mathematics, English and Hindi. A group of around ten volunteers teach nearly twenty-five students.
- The **new state-of-the-art and the environment friendly building** of the College has been inaugurated. The four storey building accommodates classrooms and laboratories with latest ICT technologies. The new building has features like optimal utilization of natural light, lifts and ramps that cater to the needs of the differently-abled teachers and students. To provide a stress-free experience to both teachers and students, there is generous space in the form of staff rooms and wide corridors. The building promises to be a benchmark for modern education infrastructure with a provision of sewage treatment plant, electric sub-station, power generators, water storage tanks and pumps. This building is installed with solar panels and rain water harvesting system.
- **New library space** is being created near the new building and IQAC has encouraged the addition of **new titles** to the library collection.
- The Departmental Inspection Committee of the University of Delhi has successfully inspected and examined the proposal to start **B.Sc. (Honours) Environment Science**.
- The College has been offering **coaching facilities** for students to appear in various competitive examinations like Institute of Banking Personnel Selection (IBPS), Staff Selection Commission (SSC) and the examinations for the Civil Services.
- The Placement Cell has started **CLC** (CAT Learning Classes) from the first week of February, 2018 to prepare students for management entrance tests.
- The various Departments of the College regularly organises various student-centric and academic activities such as special lectures, interactive sessions, industrial visits, excursions, internships and screening of documentary films.
- In an effort to promote research and innovation, faculty members have been encouraged to participate in numerous Workshops, Faculty Development Programs, Refresher Courses and Orientation Programs. They have also published a number of research papers.
- In an **MoU** signed between the University of Delhi and the Hokkaido University, Japan, the Department of Political Science hosted, Ms. Mishatu Adachi from Hokkaido University, Japan, for the semester July – December 2017 as a part of a student exchange program. She successfully completed her course with 70 percent marks.
- Department of Commerce has published the 2nd edition of the **"Ramanujan International Journal of Business and Research"** and is in the process of publishing the 3rd edition.
- The sixth volume of the **"International Journal of Applied Ethics"** has been published.
- The five three-year star innovation projects sponsored by the University of Delhi are progressing satisfactorily and are now in their third year. At College level, the Research Committee has sanctioned **inter-disciplinary projects** involving both students and teachers.

- The third batch of the three-month diploma course on **International Financial Reporting Standards (IFRS)** in association with the Indian Accounting Association (NCR Chapter) was completed in January, 2018.
- The sixth batch of the three-month diploma course on Human Rights was completed in April 2018.
- The Department of Hindi in association with the KAUSHAL Kendra has started **two certificate courses** in Radio Broadcasting Mass Media studies.
- The College has been admitting students in the Prime Minister's special scheme for students of Jammu and Kashmir. The College admitted 2 students in the year 2017-18 and 6 students in the year 2018-19

2.15 Plan of Action by IQAC

The following is the plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and details of the outcome achieved by the end of the year:

- The following programs will be conducted under the MHRD sanctioned PMMMNMTT Teaching Learning Center (TLC):

S. No.	Programs
1.	One-day Workshop on Application of Spreadsheets for Financial Management
2.	Two-day Faculty Development Program on Teaching Role of Ethics
3.	One-week Faculty Development Program on ICT Integrated Research in Mathematical Sciences
4.	Two-week Workshop on Research Methodology and Research Tools
5.	One-week Program on 'Media aur Sahitya Antahaya Sambandh'
6.	One-month Induction Program
7.	Proposals for Innovation Projects from teachers of the University of Delhi will be invited, scrutinized and funds will be approved (upto Rs. 5 lakhs)

- To develop MOOC lessons under the MHRD sponsored National Resource Center for the discipline, Human Rights, Ethics and Environment.
- To start B.Sc. Honours Environmental Science.
- To publish the third edition of the "Ramanujan International Journal of Business and Research".
- To bring out the seventh volume of the "International Journal of Applied Ethics".
- To organize a two-day International Conference on "Financial Technology: Artificial Intelligence, Block Chain and Crowd Funding".
- To contribute towards the cultural, social and economic life of the underprivileged children through the Center for Social Innovation and Outreach Programs.
- To complete the new building according to the sanctioned plan.
- To enhance the library holding for books and augment its facilities.

2.15 Whether the AQAR was placed in Statutory body Yes ☑ √ No ☐

Management ☐ Syndicate ☐ Any other body ☑ √

The AQAR for 2017-18 has been placed before the Governing Body and duly uploaded on College Website.

Part – B

Criterion – I: Curricular Aspects

1.1 Details about Academic Programs:

Level of the Program	Number of existing Programs	Number of programs added during the year	Number of self-financing programs	Number of value added / Career Oriented programs
PhD	----	----	----	----
PG	----	----	----	----
UG	15	01	----	15
PG Diploma	----	----	----	----
Advanced Diploma	----	----	----	----
Diploma	02	01	----	02
Certificate	03	01	----	03
Others	----	0	----	----
Total	20	3	----	20

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option/Open options

(ii) Pattern of programs:

Pattern	Number of programs
Semester	**15** (All programs follow the semester pattern)
Trimester	**None**
Annual	**None**

1.3 Feedback from stakeholders* Alumni [ ] Parents [√] Employers [ ] Students [√]
(On all aspects)

Mode of feedback: Online [√] Manual [ ] Co-operating schools (for PEI) [ ]

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention salient aspects.

Being a constituent college of the University of Delhi, the syllabi is decided, revised and updated by the University. A number of faculty members of this College serve as resource persons in Course formulation and revision committees at the University level.

1.5 Any new Department/Center introduced during the year. If yes, give details.

The following new centers were introduced during the year:

1. Teaching Learning Center (TLC) sponsored by MHRD under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) scheme.

2. National Resource Center (NRC) for developing MOOC lessons on "Ethics, Human Rights and Environment". This center is also sponsored by MHRD.

3. The College has begun a center named "School of Happiness". The center will focus itself on the study of the concept of happiness and its academic, social and cultural relevance and implications in contemporary society.

Criterion – II: Teaching, Learning and Evaluation

2.1 Total No. of Permanent Faculty:

Total	Asst. Professors	Associate Professors	Professors	Others
37	26	11	---	---

2.2 No. of Permanent Faculty with Ph.D.: 26

2.3 No. of Faculty Positions Recruited (R) and Vacant(V) during the year:

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
39	12	---	---	---	---	---	---	39	12

2.4 No. of Guest and Visiting faculty and Temporary faculty:

25 Guest/ Visiting Faculty	39 Ad-hoc Faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	10	44	1
Presented papers	10	15	0
Resource Persons	1	15	3

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- ➢ Google Classroom, a virtual learning space to ensure a continuous series of talks, discussions and training sessions along with the easy submission of assignments, online test and evaluation process, has been brought into practice. It helps the students overcome the constraints of time and place to guarantee hurdle-free learning.
- ➢ The College conducts a number of Faculty Development Programs and Workshops of varied durations.
- ➢ Mentor-Mentee program in a classroom environment helps to cater to various needs and interests of students and in identifying and counselling slow and fast learners.
- ➢ Tutorial system and remedial classes are regularly held for all the courses to provide guidance to students.
- ➢ Monitoring and supervision of day-to-day lectures is carried out through a web-based attendance Software on a regular basis.
- ➢ Skill Enhancement sessions are conducted for the students at regular intervals.
- ➢ Submission of Online Feedback Form by the students at the end of every semester is mandatory.
- ➢ Analysis of the feedback from the students, parents and alumni is carried out regularly by the Feedback Committee of the College. This helps in performance evaluation of the teachers.

- Feedback from the participants in various Workshops/Programs conducted by the College is also analyzed.
- Experts and resource persons are invited for special lectures and distinguished sessions. The students are also encouraged to participate and interact with the resource persons.
- Attendance is recorded and submitted online on daily basis.
- Continuous evaluation of the students' performance through class tests, group discussions, case studies, multiple-choice questions and field projects.
- Regular meetings of all the departments are held to analyze the activities and the future plans. Every department decides on an academic calendar in the beginning of every semester that helps in keeping track of the overall progress.
- To develop creativity and research aptitude, students are encouraged to participate in:
    1. National level seminars, internal seminars and distinguished lecture series.
    2. Literary competitions organized by other colleges.
    3. Seminars, workshops and quiz competitions.
    4. Cultural activities organized by other colleges.

2.7 Total No. of actual teaching days during this academic year: 186 Days

2.8 Examination/ Evaluation Reforms initiated by the Institution:
Being a constituent College of the University of Delhi and the practices and standardized procedures of the University are followed.
- Student Admit Cards are now generated at the College level, which was earlier issued by the University. The entire process has been made online, significantly reducing the time taken in the admission process.
- Decentralized evaluation system has expedited the process. SEC and AEEC answer scripts, under the CBCS system, are now checked in the College.
- Continuous Internal Assessment evaluation of students is done by the faculty members and has seen the following reforms:
    - Real life Projects
    - Presentations
    - Case Studies
    - Objective/Multiple Choice Questions
    - One-minute papers
    - Open book examinations

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:
Ten faculty members from the College were involved in curriculum restructuring and syllabus development.

2.10 Average percentage of attendance of students: 67%

2.11 Course/Program wise distribution of pass percentage:

Title of the Program	Total no. of students appeared	Divisions and Pass Percentages			
		I %	II %	III %	Pass %
B. A. (Prog.)	452	34.07	34.29	26.32	94.69
B. Com. (Hons.)	307	59.28	26.71	12.38	98.37
B. Com. (Prog.)	658	50.9	23.25	17.63	96.35
B. A. Hindi (Hons.)	181	19.88	49.72	20.44	93.92
B. A. English (Hons.)	173	22.54	48.06	23.69	96.53
B. A. Political Science (Hons.)	167	40.72	40.71	13.77	95.21
B. Sc. Statistics (Hons.)	42	59.52	19.05	14.29	92.85
B. Sc. Mathematics (Hons.)	55	68	14.55	14.55	90.91
B. Sc. Computer Science (Hons.)	155	76.77	10.32	8.39	95.48
B. A. Applied Psychology (Hons.)	48	21.42	14.58	54.17	87.5
Bachelor of Management Studies (BMS)	44	54.55	15.91	27.27	97.73

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

➢ Monitoring and supervision of day-to-day lectures is carried out through a web-based attendance Software on a regular basis.

➢ Submission of Online Feedback Form by the students at the end of every semester is mandatory.

➢ Analysis of the feedback from the students, parents and alumni is carried out regularly by the Feedback Committee of the College. This helps in performance evaluation of the teachers.

➢ Our College has devised a mechanism where the faculty members develop Lesson Plans for their respective courses that they are teaching in the beginning of each semester. This rough outline helps in framing various activities/exercises/assignments/projects for a given semester, which is also circulated to students.

➢ Experts and resource persons are invited for special lectures and distinguished sessions. The students are also encouraged to participate and interact with the resource persons.

➢ Faculty members are encouraged to participate in research and consultancy services.

➢ Faculty members are encouraged to contribute as resource persons in refresher courses/faculty development programs.

➢ Mentor-Mentee program in a classroom environment helps to cater to various needs and interests of students and in identifying and counselling slow and fast learners.

2.13 Initiatives undertaken towards Faculty Development

The following number of faculty members participated in various faculty/staff development programs:

Faculty / Staff Development Programs	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Program	18
HRD programs	22
Orientation programs	2
Faculty exchange program	1
Staff training conducted by the university	2
Staff training conducted by other institutions	10
Summer / Winter schools, Workshops, etc.	--
Others	7

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	31	07	12	07
Technical Staff	06	02	06	02
Security Guards	09 (Outsourced through an External Agency)			
House Keeping Staff	15 (Outsourced through an External Agency)			

Criterion – III: Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution:

As initiated in the previous year (2016-17), the IQAC of the College continues to take initiatives in sensitizing and promoting research in the College. Since the introduction of the Teaching Learning Center (TLC) and the National Resource Center (NRC), a large number of teachers of the College, from different disciplines, have been engaged in research related activities to augment and facilitate the academic engagements of these Centers. Teachers have published and presented well researched papers and conducted sessions for participants in the TLC and are also now engaged in preparing MOOC lessons for the NRC.

A number of teachers have completed their M.Phil./Ph.D. programs and some teachers are involved in pursuing their M.Phil./Ph.D. The IQAC proposes to organise regular interactive sessions with these young research scholars so that the teaching faculty is made aware of the research that their colleagues are engaged in and also to create a more meaningful inter-disciplinary environment in the College.

The IQAC regularly informs the faculty regarding Major Research Projects and Minor Research Projects under the UGC/ICSSR. The faculty members are also encouraged to attend and present research papers in seminars, conferences etc., and to publish research papers in peer reviewed journals listed by the UGC.

The TLC has proposed to invite applications for Research Projects from all colleges of the University of Delhi for which financial assistance will also be given. These projects will also involve students. Applications were received for the "Ramanujan College Achievement Awards" constituted by the IQAC. Currently, the IQAC is engaged in processing these applications and formulating an external committee to scrutinise them.

3.2 Details regarding Major Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---------	5	---------	---------
Outlay in Rs. Lakhs	---------	87,50,000	---------	---------

3.3 Details regarding Minor Projects*

	Completed	Ongoing	Sanctioned	Submitted
Number	---------	6	---------	---------
Outlay in Rs. Lakhs	---------	3.44	---------	---------

*Note: These Projects are sponsored at the College level by its Research Committee.

3.4 Details on Research Publications

	International	National	Others
Peer Review Journals	45	12	0
Non-Peer Review Journals	0	0	0
e-Journals	22	5	0
Conference proceedings	1	0	0

3.5 Details on Impact Factor of Publications

Range [---] Average [---] H-index [14] Nos. in SCOPUS [17]

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3	University of Delhi	87,50,000	87,50,000
Minor Projects	--------	---------	---------	---------
Interdisciplinary Projects	---------	---------	---------	---------
Industry sponsored	---------	---------	---------	---------
Projects sponsored by the University/ College	---------	---------	---------	---------
Students research projects *(other than compulsory by the University)*	---------	---------	---------	---------
Any other (Specify)	---------	---------	---------	---------
Total	---------	---------	---------	---------

3.7 No. of Books published i) With ISBN No. [3] Chapters in Edited Books [7]

ii) Without ISBN No. [Nil]

3.8 No. of University Departments receiving funds from: **NA**

UGC-SAP [   ]   CAS [   ]   DST-FIST [   ]

DPE [   ]   DBT Scheme/funds [   ]

3.9 For Colleges: NA Autonomy [   ]   CPE [   ]   DBT Star Scheme [   ]

INSPIRE [   ]   CE [   ]   Any Other (specify) [   ]

3.10 Revenue generated through Consultancy [Rs. 1,25,440/-]

3.11 No. of Conferences/Workshop organized by the Institution

Level	International	National	State	University	College
Number	1	12	--------	--------	---------
Sponsoring agencies	UGC/MHRD	UGC/MHRD	---------	---------	---------

3.12 No. of Faculty served as Experts, Chairpersons or Resource Persons [18]

3.13 No. of Collaboration   International [4]   National [5]   Any other [0]

3.14 No. of Linkages created during this year [4]

3.15 Total Budget for Research for Current Year in lakhs:

From funding agency [20]   From Management of University/College [10]

Total [30]

- The College has submitted a number of projects to the University as Innovation Projects. Selection and sanction of the submitted projects is awaited.

3.16 No. of Patents received this Year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	1
	Granted	0
Commercialised	Applied	0
	Granted	0

3.17 No. of Research Awards/Recognitions received by Faculty and Research Fellows of the institute in the year:

Total	International	National	State	University	District	College
6	--	6	--	--	--	--

3.18 No. of Faculty from the Institution

who are Ph. D. Guides [3] and students registered under them [4]

3.19 No. of Ph. D. awarded by Faculty from the Institution [NA]

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF [NA]   SRF [NA]   Project Fellows [1]   Any other [NA]

3.21 No. of students Participated in NSS events:

University level [20]   State level [10]

National level [0]   International level [0]

3.22 No. of students participated in NCC events:

University level [29]   State level [13]

National level [08]   International level [00]

3.23 No. of Awards won in NSS:

University level | 0 | State level | 0

National level | 0 | International level | 0

3.24 No. of Awards won in NCC:

University level | 16 | State level | 1

National level | 1 | International level | 0

3.25 No. of Extension activities organized:

University forum | 0 | College forum | 18

NCC | 01 | NSS | 10 | Any other | 02

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Department of Commerce conducted an outreach program on 16 September 2017 to spread joy and happiness in the lives of the construction workers and their children engaged in the construction of the new building of our College. Being the festive season, it was an initiative to make a brighter Diwali for them. Various games were organized for the children and a movie on cleanliness and hygiene was shown to the workers. Donation of blankets and clothes, along with lunch, was part of the program, Joy of Giving- the aim of the Outreach Program.

Department of Hindi organized an outreach program in collaboration with the NGO "Teach by Media" in April, 2018 at Sehdulajab slum at Saket. A debate competition was conducted among the slum children on the importance of cleanliness. The students of the College provided teaching support and conducted extracurricular activities.

Department of Management Studies organized an Outreach Program in collaboration with the NGO Navaagat on 3 April 2018. As a part of this, the area under the Okhla Flyover was cleaned, painted and beautified with graffitti made by the students.

The Center for Social Innovation focused on the theme of education and creation of environmental awareness in the past academic year. The following activities were undertaken:

- Organised a fund raising campaign in association with the NGO Let's Educate Children In Need (LECIN) on 4 August 2017 and the money was given to LECIN for continuing their efforts.
- Students attended an event "Youthopia" organized by the NGO Pravah in collaboration with ComMutiny-the Youth Collective on 16 September 2017 to discuss ideas that can change the society and also the role of education system in society.
- Launched "Pathshaala - Ek Kadam Saksharta Ki Ore" in July 2017 to provide support to underprivileged children from slums and to provide that missing link for their bright future.
- Launched the program "Our Nature" on 19th March 2018. In this program, aloe-vera plants were given to twenty children in a slum near Govindpuri who would take care of the plant along with one of the members of the Center. The intention is to help foster in the children a love for nature

and the feeling of accountability towards its protection. They were made aware of the medicinal value of the plant and its relevance in our lives.

The Equal Opportunity Cell, set up to address urgent issues concerning SC, ST, OBC and PWD ensures a barrier free, equitable and accessible space to all. Keeping in mind the needs of the Persons with Disabilities, the College has constructed ramps, railings, accessible washrooms, Braille-enabled sign boards and Braille books.

- On the auspicious occasion of Diwali on 12th and 13th of October 2017, a drive was conducted in the College premises to collect used clothes and other household items. Generous donations were received from the teachers and students, which were then distributed to the construction site workers. Some of the collected items were sent to NGOs.

The Women Development Cell (WDC) in collaboration with the **Department of English** organised a one-day **Outreach Program** on March 30, 2017. The students and teachers visited Chetna Welfare Society, Faridabad, a center for underprivileged and differently-abled children and conducted various activities, competitions and yoga session. English grammar sessions with the young women pursuing professional training courses at the Society were organised. The students also spread awareness about various environmental issues and discussed the ways to curb them.

The Outreach Program Committee was constituted with the objectives of reaching out to the larger society and bringing about a positive change in the lives of the people. As an educational institution, a major component of our outreach activities is education along with raising awareness. The committee motivates the various Departments, Centers and Societies of the College to periodically undertake social outreach programs. The Committee has more than 50 volunteers and has organized the following events aimed at providing services to the underprivileged and marginalized sections of the society:

- **Workshop on Health and Hygiene for Women:** The Chief Guest and the Speaker of the event Dr. Preeti Kapur, Associate Professor, Department of Psychology, Daulat Ram College, addressed the students and helped them to understand the safety measures related to health and hygiene. The workshop was suggestive and informative.

- **Swachh Bharat Abhiyan in Coolie Camp:** The students made the residents aware about the safety and precautions. The residents of the camp together with the students volunteers cleaned the area.

- **Painting/Drawing Competition in Coolie Camp** in collaboration with NSS: The theme of competition was Corruption. The children at the camp expressed their views through creative and wonderful paintings.

- **Clothes Distribution** in collaboration with the NGO, BLISS, among the residents of Coolie and Bandhu Camp.

- **Discussion on Health and Hygiene for Women at Sudhar Camp, Kalkaji:** They were told about the diseases and problems related to sexual health faced by women and the precautions to be taken.

- **Nukkad Natak Performance by Jazba Theatre Group in Slum Area** to spread the message of cleanliness.

- **Independence Day Celebration in Coolie Camp**: The program comprised of various cultural activities, followed by distribution of stationery and refreshments among the children of the camp.

- **Regular Teaching in Coolie Camp:** The volunteers of the Outreach Society and the students of NCWEB have been conducting regular classes in the Coolie Camp for more than one year.

National Cadet Corps (NCC)

- Participated in Swachh Bharat Abhiyan (15th September to 10th October, 2017)

NATIONAL SERVICE SCHEME (NSS)

- Organized an event in collaboration with the Women Development Cell of the College on "Spreading Cancer Awareness" on 5th September 2017.
- Organized a Health talk on 'Prevention of dengue, chikungunya and H1N1' in August, 2017
- Organized a Miss call Campaign in College for 'The Rally for River' project on 2nd October.
- Organized a one-day College cleaning program in "Swachchata Pakhawada" in October, 2017.
- Celebrated Diwali with slum children, in collaboration with the NGO, Teach by Media, on 16th October 2017.
- Organized a Blood Donation, Eyes Checkup camp and a Talk on Eyes Care on 7 November 2017.
- Joined hands in a rally on cancer awareness "Walk for Life" on 4 February 2018.
- Conducted a Workshop on "Disaster Management" on 9 March 2018.
- Organized a nine-day event at Kalkaji mandir during the festival season, along with Delhi Police and District Child Protection Unit for missing children (18 March 2018 to 26 March 2018).

JAZBA - The Dramatics and Street Play Society performed a street play 'Untitled' at a slum in Kalkaji.

TATVA (The Eco Club) distributed around 100 "Anti-Pollution Mask" among the auto drivers, nearby vendors and guards of the College on 13 November 2017, keeping in mind the rising levels of air pollution in the National Capital.

Criterion – IV: Infrastructure and Learning Resources

4.1 Details of increase in Infrastructure Facilities:

Facilities	Existing	Newly Created	Source of Fund	Total
Campus area		The College has been allocated 7 acres of land.	The land allocated by the University of Delhi	
Class rooms	32	24	UGC	56
Laboratories	6	2	UGC	8
Seminar Halls	1	0	----	1
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	2418	199	----	2617
Value of the equipment purchased during the year (Rs. in Lakhs)	----	33.75	----	33.75
Others	----	----	----	----

4.2 Computerization of Administration and Library

Ramanujan College Library is automated with the world's first free and open source library system, KOHA, which is a fully featured, scalable library management system:

- OPAC with advanced search facility.
- The software generates all essential reports.
- Users can claim the book, reserve the book and renew the books through library network.
- Issuing and returning books through a computerised system saves the time of students.
- It provides serials control.

Modern web-based systems delivery and discovery provisions of E-resources (N-list of INFLIBNET and DELNET) are now available in the College library.

Ramanujan College Administration is fully computerized with latest software and hardware configuration:

- Software Tally in the accounts department.
- Developed our own software for maintaining the student's database and online submission of student's attendance.
- Student's fees collection is successfully implemented using fees management software (HDFC Bank software & Payment Gateway with zero cost) and the payment of the second and third year students is received through Paytm.
- CCTVs have been installed in the library and office.
- We are using two separate leased lines: 100Mbps of Railtel & 10 Mbps of DEN Networks in the library and office.

4.3 Library Services:

	Existing		Newly added		Total	
	No.	**Value**	**No.**	**Value**	**No.**	**Value**
Text Books	42190	93163	1318	829417	43508	922580
Reference Books						
e-Books	N-List DELNET	UGC Subs. DELNET Subs.	N-List Subs. DELNET Subs.		N-List Subs. DELNET Subs.	
Journals	75	144927	75	77771	150	222698
e-Journals	N-List DELNET	UGC Subs. DELNET Subs.	N-List Subs. DELNET Subs.		N-List Subs. DELNET Subs.	

4.4 Technology Upgradation (Overall)

	Total Computers	**Computer Labs**	**Internet**	**Browsing Centers**	**Computer Centers**	**Office**	**Department ments**	**Others**
Existing	981	5	Internet availability through a Lease Line to all working systems	2	--	4	--	--
Added	60	--		--	--	--	--	--
Total	1041	5		2	--	4	--	--

4.5 Computer, Internet access, Training to Teachers and Students and any other program for Technology Upgradation (Networking, e-Governance etc.)

Internet facility is available in the College campus through 100 Mbps lease line provided by the University of Delhi. We have another 10 Mbps lease line (as backup) connection provided by the DEN Networks. The whole campus is Wi-Fi enabled. For the use of Wi-Fi, a unique ID and password have been given to all the teachers, students and staff. Every administration department has been provided with a latest computer system and internet connection.

- The IT Infrastructure committee regularly gives suggestions to the College for **maintenance and up-gradation of computer infrastructure**.
- The College has developed software for online **Student Attendance Management** which calculates attendance & internal assessment marks on a daily basis through android mobile or tablet. The College has provided e-tablets to faculty members for this purpose. This software is hosted by our own College server.
- The College has also developed **in-house software** for managing ECA, ID Cards, Student Feedback and IT Stock Register.

- **Google Classroom**, a virtual learning space to ensure an organized and continuous series of talks, discussions and training sessions along with the easy submission of assignments, online test and evaluation process has been brought into practice. It also helps us to maintain a subject specific virtual library which enables the students to overcome the constraints of time and place and guarantees a hurdle-free learning.
- MHRD has notified Ramanujan College as the **NRC** for the disciplines of Human Rights, Environment and Ethics. Our College is one of the 75 such NRCs notified all over India and will develop an Annual Orientation Program (on the disciplines assigned to us) for all the in-service teachers to be imparted as MOOC lessons through the SWAYAM platform.
- We have been organising many Induction Programs, Faculty Development Programs and Workshops to impart ICT training to not only the in-house teachers but also the teachers of other educational institutions under the **Teaching Learning Center**.

4.6 Amount spent on Maintenance in Lakhs:

i) ICT

9,00,000

ii) Campus Infrastructure and facilities

35,72,000

iii) Equipments

26,67,000

iv) Others

5,50,000

Total: 76,89,000

Criterion – V: Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services:

- ➢ **Google Classroom**, a virtual learning space to ensure an organized and continuous series of talks, discussions and training sessions along with the easy submission of assignments, online test and evaluation process has been brought into practice. It also helps us to maintain a subject specific virtual library which enables the students to overcome the constraints of time and place and guarantees a hurdle-free learning.

- ➢ The **School of Happiness** has been inaugurated. The first of its kind, this center will focus on the study of the concept of happiness and its academic and cultural relevance and implications in contemporary society. We believe that the Center will help improve the quality of life in the campus and spread peace, contentment and happiness in the College and the society at large.

- ➢ Women Empowerment and Gender Equality are the most important requirements for the uplift and progress of our nation. The College has constituted **Women Development Cell** (WDC) which has both the faculty and students of the College as its members. It works with an aim to create a gender sensitized community within the campus as well as in the society. It has been organising various academic and social events to ensure awareness about women empowerment and spreading the importance of gender equality in the society.

- ➢ The IQAC of the College organized a one-day conference on **"Quality Assurance in Higher Education"** at the India International Center, New Delhi, on 26 February 2018. The conference had eminent academicians, educationists and thinkers from different levels of the education spectrum present their views of the conference theme. **Padma Shri Prof. Virander Singh Chauhan**, Former Chairman of University Grants Commission; **Prof. A. P. Padhi,** Former Vice Chancellor, Berhampur University; **Prof. A. Joseph Dorairaj,** Former Vice-Chancellor (Acting), Gandhigram Rural Institute (Deemed University), Gandhigram; and **Ms. Ameeta Mulla Wattal**, Principal, Springdales School, Pusa Road, New Delhi were the main speakers. The Conference dealt with the various contemporary educational trends and problems in relation to the needs of a modern student.

- ➢ As an IQAC initiative on the occasion of the Diamond Jubilee, the teachers of the College have been facilitated with a customized tablet which works as an **e-register**. This facility helps the students to keep track of their attendance on daily/ monthly basis.

- ➢ An **International Conference** on "Indian Economic Transformation through the Revival of Manufacturing Sector and Start-up Ecosystem" was organized by the Department of Commerce at North Campus, University of Delhi from 21st-22nd September 2017. Several eminent speakers from the industry and academia graced the panel discussion sessions. Researchers presented their work on various associated themes and sub themes of the Conference during the technical sessions.

- ➢ The Department of Management Studies organized a **two-day National Conferenc**e in association with the Teaching Learning Center on "Leadership in Organizations: Contemporary Concerns and Key Developments" from 22nd–23rd March 2018. The Conference witnessed many academicians and industry delegates. Student-centric business plan competitions and case study presentations drew overwhelming response and participation.

- ➢ The Center for Ethics and Values organised the **Second Conclave** of 'Ethicists and Educationists on Universal Ethics' in collaboration with the Cultural Center of H. H. the Dalai Lama, Tibet

House, New Delhi at the India Habitat Center, New Delhi on 14-15 April, 2018. The Conclave attracted student participation in large numbers.

➢ The Center for Social Innovation has launched **"Paathshaala - Ek Kadam Saksharta Ki Ore"** in July 2017 to provide support to underprivileged children of slums. Inspired by the Sarva Shiksha Abhiyaan and Skill India Programs, this initiative is not only to help such children academically but also to build their skills and make them employable. The center has begun basic classes in Mathematics, English and Hindi. A group of around ten volunteers teach nearly twenty-five students.

➢ **Financial aid** of Rs 2,16,650 has been given to seventy meritorious but economically deprived students.

➢ **Academic Scholarship** of Rs 1,09,000 and **Academic Prizes** of Rs 1,10,800 have been awarded to academically brilliant students.

➢ The **new state-of-the-art and the environment friendly building** of the College has been inaugurated. The four storey building accommodates classrooms and laboratories with latest ICT technologies. The new building has features like optimal utilization of natural light, lifts and ramps that cater to the needs of the differently-abled teachers and students. To provide a stress-free experience to the students, there is generous space in the form of large corridors. The building promises to be the benchmark for the modern education infrastructure with a provision of sewage treatment plant, electric sub-station, power generators, water storage tanks and pumps.

➢ New library space is being created near the new building and IQAC has encouraged the **addition of new titles** to the library collection.

➢ The inspection by the departmental inspection committee to examine the proposal to start **B.Sc. (Honours) Environment Science** has been successfully organised and completed.

➢ The College has been offering **coaching facilities** for various competitive examinations for selection in banks, Staff Selection Commission (SSC) and Civil Services.

➢ **CLC** (CAT Learning Classes) has been started from the first week of February, 2018 to prepare students for management entrance tests.

➢ The Departments regularly organize various student centric and academic activities such as special lectures, interactive sessions, industrial visits, excursions, internships and screening of documentary films.

➢ As a part of a student exchange program, an **MoU** signed between the University of Delhi and the Hokkaido University, Japan, the Department of Political Science hosted, Ms. Mishatu Adachi from Hokkaido University, Japan, for the semester July – December 2017. She successfully completed her course with 70 percent marks.

➢ The Department of Commerce has published the second edition of its **"Ramanujan International Journal of Business and Research"** and is in the process of publishing the third edition. The students have also been encouraged to write research papers under the guidance of the faculty.

➢ The Five University of Delhi sponsored three-year star innovation projects are progressing satisfactorily and are now in their third year. At the College level, the College Research Committee has sanctioned **inter-disciplinary projects** involving both students and teachers.

➢ The third batch of the three-month diploma course on **International Financial Reporting Standards (IFRS)** in association with the Indian Accounting Association (NCR Chapter) has been successfully completed.

- The department of Hindi in association with the KAUSHAL Kendra has started running **two certificate courses** in Radio Broadcasting and Mass Media studies.

5.2 Efforts made by the institution for tracking the progression:

- Orientation for new students is conducted in the beginning of every academic year.
- Tutorial system and remedial classes are regularly held for all the courses to provide guidance to students.
- CLC (CAT Learning Classes) was started to prepare students for management entrance tests.
- Monitoring and supervision of day-to-day lectures is carried out on a regular basis.
- **Google Classroom**, a virtual learning space to ensure an organized and continuous series of talks, discussions and training sessions along with the easy submission of assignments, online test and evaluation process has been brought into practice. It also helps us to maintain a subject specific virtual library which enables the students to overcome the constraints of time and place and guarantees a hurdle-free learning.
- Skill Enhancement sessions are conducted to enhance the different skills students possess.
- Online Feedback form is mandatorily submitted by the students at the end of every semester.
- Analysis of all the feedback forms from students, parents and alumni is carried out regularly by the Feedback Committee of our College. This helps in performance evaluation of teachers.
- Guest lectures and distinguished sessions are organized by various experts and resource persons for different courses. The students are encouraged to participate and interact with the resource persons.
- Mentor-Mentee relation is enabled in a classroom environment to cater to various needs and interests of students. This helps in identifying and mentoring slow & fast learners.
- An Internal Complaints Committee, strictly in adherence to the rules of the Supreme Court, has been constituted. It helps in redressing students' grievances. The Committee meets on a regular basis to work for the safeguard of female students and colleagues.
- Attendance is recorded and submitted online on the College website by the faculty members. It helps in avoiding unauthorized absence of students.
- Continuous evaluation of the students' performance through class tests, group discussions, case studies, multiple-choice questions and field projects.
- Every department makes an academic calendar in the beginning of every semester that helps in keeping track of the overall progression.
- For developing creativity and research aptitude, students are encouraged to:
    1. Participate in national level seminars, internal seminars and various lecture series
    2. Take part in literary competitions organized by other Colleges.
    3. Attend seminars, workshops and quiz competition.
    4. Participate in various cultural activities organized by other colleges.
- The Department of Physical Education and Sports Sciences fosters the interests of students through various inter-College championships and inter-departmental activities in athletics, archery, basketball, boxing, cricket, chess, football, weight-lifting, power-lifting and taekwondo. The students are encouraged to participate at the zonal and international levels.
- Coaching for competitive exams like UPSC, Bank PO is provided to students.

5.3 (a) Total Number of Students:

UG	PG	Ph. D.	Others
2611	---	---	---

(b) No. of Students outside the State:

1102

(c) No. of International Students

5

Men

No	%
1734	66.3

Women

No	%
877	32.7

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1337	425	80	621	7	2470	1463	427	60	647	9	2611

Demand ratio: The demand ratio cannot be calculated because the total number of students applied is not known due to centralized online admission process done by the University of Delhi.

Dropout %: Data not available

5.4 Details of student support mechanism for coaching for competitive examinations (If any)
  ➢ Also, CLC (CAT Learning Classes) an initiative has been taken by Placement Cell to prepare students for management entrance tests. It has been already started from the first week of February and is scheduled for alternate days in a week.

No. of Students Beneficiaries

21

5.5 No. of Students Qualified in these Examinations: Not Applicable

NET | --- | SET/SLET | --- | GATE | --- | CAT | --- |

IAS/IPS etc | --- | State PSC | --- | UPSC | --- | Others | --- |

5.6 Details of Student Counselling and Career Guidance

Sr. No.	Skill Development Sessions	Date	Number of Students Benefited
1	Corporate Day	22nd August 2017	210
2	Resume Writing Seminar	29th August 2017	165
3	CEO Talk	05th September 2017	150
4	Career Counselling Session	15th September 2017	140

5	Session on Companies Amendment Act, 2017	29th January 2018	50
6	BSE Aptitude Test	19th March 2018	200
7.	BSE Scholarship Test	21th March 2018	120
8.	Short Term Course on Financial Markets	9th April 2018	20
	Total		**1055**

- ➢ Mahindra Finance Scholarship Program was conducted on 13th February 2018 where 41 students were marked eligible for the scholarship amount of INR 10,000 from all the years on financial and academic basis.

No. of students benefitted   1200

5.7 Details of campus placement

On Campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
34	1189	191	Data not available

5.8 Details of Gender Sensitization Programs

- ➢ Women Empowerment and Gender Equality are the most important requirements for the uplift and progress of our nation. The College has constituted **Women Development Cell** (WDC) which has both the faculty and students of the College as its members. It works with an aim to create a gender sensitized community within the campus as well as in the society. It has been organising various academic and social events to ensure awareness about women empowerment and spreading the importance of gender equality in the society. The Cell has appointed student Gender Champions to fulfill its agenda.
- ➢ A one-day **Outreach Program** was organised. The students and teachers of the Cell visited Chetna Welfare Society, Faridabad, a center for underprivileged and differently-abled girls and conducted various activities and competitions like flower making, diya making, painting, mehendi, storytelling and candle making with the children of the society. Our students conducted some English grammar sessions with the young women pursuing professional training courses at the society.
- ➢ **"Pledge Taking"** program was organised by the gender champions to assure that each and every College teacher and student promise to create an environment of gender equality.
- ➢ The Women Development Cell in association with the English Literary Society of Ramanujan College its **annual festival "Sashakt"**. The event celebrated women empowerment through different programs. There was an engaging **interactive session** with the famous **RJ Stutee Ghosh** of Fever 104 FM. Ms. Ghosh spoke on changing face of women in media. It was followed by a photography competition-cum-exhibition on the theme of women on the street. A **power point presentation competition on the topic "Women and Politics"** was also held. A **poster making competition held on the topic "Entrapped Women"** was arranged. It was an engrossing and enriching event discussing the myriad issues faced by the contemporary women and the competitions gave students a chance to express their ideas and opinions about the same.

- A talk on **"Cancer Prevention: Strategies for the younger generation"** by Dr. Kanika Batra Modi, Attending Consultant, Surgical Oncology, Rajiv Gandhi Cancer Institute and Research Center, Niti Bagh was being organised. The female faculty and students clarified their doubts about the different cancer ailments a woman's body is prone to.
- A workshop on **"Stress and Yogic Exercises"** by Dr. Amrit Raj was conducted.
- A **Sahaja Yoga Program** on meditation and spirituality was organised for the girls of Non-Collegiate Women's Education Board, University of Delhi. Shri Mataji Nirmala Devi's wonderful concept focussing on the unity of soul and body was explained Shri Sanjay Talwar to the students. He also sang songs which had soothing and inspiring lyrics.
- **A lecture** was delivered on gender sensitization and gender issues in the contemporary world.
- **A Creative Workshop** for empowering girls was organised. The resource person was the USA based Ms. Manju Jain who is trained in counselling, coaching and expressive arts facilitation.
- The College ensures that all facilities, like fees concession and medical room, are available for the female students within the campus. Projects and workshops are organized to spread awareness among female students.
- The participation of female students in various non-academic activities, like NSS, NCC, has been exemplary. The **girls' unit of the NCC** has participated in various training camps and won many awards in drill, guard and piloting competitions in NCC fests of different Colleges.
- To ensure the security of the female students, the entire College is under the **CCTV** surveillance. Girl students can easily approach the woman guard and faculty with their problems.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level | 52 | National level | 7 | International level | ---

No. of students participated in cultural events

State/ University level | 30 | National level | 42 | International level | ---

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level | 27 | National level | 9 | International level | ---

Cultural: State/ University level | 1 | National level | 1 | International level | ---

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	153	Rs. 3,73,860
Financial support from government	---	---
Financial support from other sources	25 (Alumni scholarships)	Rs. 62,500
Number of students who received	---	---

International/ National recognitions

5.11 Student organised / initiatives

Fairs: State/ University level | 15 | National level | 3 | International level | 2 |

Exhibition: State/ University level | 11 | National level | 2 | International level | 1 |

5.12 No. of social initiatives undertaken by the students | 32 |

5.13 Major grievances of students (if any) redressed

There was only one major grievance to the Internal Complaints Committee during the concerned period. It was majorly sorted out by counselling yet necessary precautions were taken by the College. ICC meets on a regular basis to work for the concern of the female students.

Criterion – VI: Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision: Creation of an egalitarian society based on equality and justice and pursuit of academic excellence in search of new horizons of knowledge.

Mission: Providing opportunity to our students and teachers for an ethical and moral value-based self-development; empowering them to meet the challenges of the modern world, and contributing to the Nation-building. Ensure best academic and extracurricular resources to create ethically conscious graduates; encourage critical and innovative thinking, enabling students to become leaders, capable of changing the society for betterment of humankind, equip students with knowledge skills and sensitive heart and mind, ensuring strong value system, and endow students with global and cognitive skills for better employability.

6.2 Does the Institution have a Management Information System

- Focus of the management information system in the College is to develop improved information flow among stake holders like the students, parents, teachers, management, administrative and library staff, alumni, retired teachers, etc. so that healthier student-teacher relationship, and better service to students and faculty members from the administrative staff is ensured. The focus is also in developing better values in the interpersonal relationships among various stake holders towards promoting excellence for the College.
- The principal of our College ensures the smooth functioning of all activities of the College in collaboration with other faculty members.
- The College ensures a system of participative management whereby information flow and decision- making processes are systematized and channeled through all key constituents of the College.
- Teacher-in-charges of all the departments ensure the smooth functioning of all the academic and other activities of the department along with the other faculty.
- Meetings of the Staff Council are held periodically to discuss and decide on matters relating to academics and administration.
- Effective administration system is in place. 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 interactions with stakeholders comprising of faculty, parents, alumni and the students.
- 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.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- MHRD has notified the College as the NRC for the disciplines of Human Rights, Environment and Ethics. Our College is one of the 75 such NRCs notified all over India and will develop an Annual Orientation Program (on the discipline assigned to us) for all the in-service teachers to be imparted as MOOC through the SWAYAM platform.
- Faculty members from the College participated as Resource Persons in the one-month Induction Training for the newly recruited faculty.
- Syllabi for B. Voc. for Banking Operations and Software Development courses have been developed by the College in partnership with National Sector Skill Councils.
- Our College is a constituent College of the University of Delhi and there is a prescribed University curriculum which the College follows for the courses of all the departments.
- Some faculty members are actively engaged in curriculum development and restructuring, as members of various committees of the University, to improve and revise the existing syllabus.
- The departments follow the syllabus and programs in accordance with the UGC, Government and University norms and guidelines.
- Faculty members of each department in our College participate in curriculum development course-wise meetings conducted at the University level

6.3.2 Teaching and Learning

- Student-centric teaching methodology has resulted in more interactive classes.
- ICT enabled teaching has made the classroom teaching more effective.
- Initiatives like academic calendar in every semester have systemised the functioning of the departments.
- Hands on experience to the students (like workshops, seminars, group discussions) have enriched the teaching-learning process.
- Feedback and evaluation mechanism have helped to identify students' shortcomings.
- Additional assistance through remedial teaching and bridge courses is provided.
- Training sessions for faculty members through faculty development programs are conducted.
- Research and projects have encouraged practical learning among students.
- Well-equipped computer labs and psychology lab have been added.

6.3.3 Examination and Evaluation

- As per the directions of the University, standardized practices in semester examinations are followed in the College.
- For Internal Assessments, different types of evaluation methods are followed by faculty members in different departments as per the guidelines of the University.
- Seminars, presentations, class tests, assignments and case study analysis are used as part of continuous evaluation.
- A few faculty members act in various capacities as external evaluators in other colleges of the University of Delhi.
- Some senior faculty members participate as convener/member of paper-setting committees at the University of Delhi by setting question papers for the examinations.

6.3.4 Research and Development

- The College has instituted Ramanujan Research Awards to encourage Research and development.
- The College has advanced computer labs, psychology lab, accounting and finance lab, robotic lab and a media lab to facilitate research and innovative teaching.
- The College encourages teachers to submit research projects under the Innovation Project and the Star Innovation Project of the University of Delhi.
- The College has also promoted research ideas of teachers and students by sponsoring projects.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- IQAC has encouraged the addition of new titles to the library collection.
- The library has been equipped with an air-conditioned reading lounge for teachers which is Wi-Fi connection.
- The students have been provided with air-conditioned reading halls.
- The library system is completely computerised
- Library stack hall has enhanced storing capacity with addition of foldable almirahs.
- The library staff have been sent of specific training programmes to augment their efficiency
- In addition to the existing journals a number of journals have been subscribed
- New library space is being created near the new building.

6.3.6 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.

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment are based on the guidelines issued by the University of Delhi.
The recruitment of permanent positions for both faculty and staff is currently in process at the University level.

6.3.8 Industry Interaction / Collaboration

- 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.
- We are collaborating with the company Ernst and Young for the add-on course on International Financial Accounting (IFRS).
- The Placement Cell is collaborating with the Industry for grooming personality and placement purposes.

6.3.9 Admission of Students

- The efficient student-friendly process ensured that the admissions for the year 2017-18 were carried out smoothly.
- The paperless computerized admissions system was 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 dispute and grievance free admission.

6.4 Welfare schemes for

Teaching	Loan facility, Contributory Provident Fund for management faculty, Contribution towards medical insurance, Maternity leave, staff tours and other benefits as per government rule.
Non-Teaching	Loan facility, Bonus for administrative and supportive staff during overtime working hours, Insurance, contributory provident fund, Maternity leave, Staff tours and other benefits as per government rule.
Students	Career guidance Cell, Internal Complaints Committee, Anti-ragging, Equal Opportunities Cell, Grievances Redressal Committee, Medical Room facility, scholarships, financial aid, free counseling, remedial classes, Fee concessions and endowments, issue of personal laptops, Orientation programs for the first-year students on all matters relating to academics, student discipline and services.

6.5 Total corpus fund generated   Rs. 6.62 Crores

6.6 Whether Annual Financial Audit has been done? Yes √   No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	NO	---	YES	IQAC
Administrative	NO	---	YES	IQAC

6.8 Does the University/ Autonomous College declares results within 30 days? NA

For UG Programs   Yes ☐   No ☐

For PG Programs   Yes ☐   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Ramanujan College is a constituent College of the University of Delhi. As a consequence, we follow the standardized procedures of the University.
- The admit cards for students are generated at the College level, which were earlier issued by the University. It is an online process.
- The University has decentralized the system over the last couple of years.
- SEC and AECC answer scripts, under the CBCS system, are checked in the College, which has expedited the process.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent Colleges?

All the Colleges under the University of Delhi have separate Governing Bodies.
Governing Body of our College is open minded and visionary. It encourages for development of academic and extra-curricular culture in the College.

6.11 Activities and support from the Alumni Association

- The College organises an Annual Alumni Meet.
- The College formally recognises outstanding alumni by felicitating them on the Annual Day.
- The College invites meritorious alumni to deliver special lectures.
- The alumni have instituted some Academic Awards for the students of the College.
- There is a registered Ramanujan College Alumni Association.

The Department of English organised its Alumni get-together on 13th January 2018. The students engaged in the pursuit of post graduate studies in English were invited. The aim of the program was to provide an interactive platform to the current B. A. Honours (English) students of the College, eager to pursue post graduate studies.

6.12 Activities and Support from the Parent – Teacher Association

The College does not have an established Parent – Teacher Association. However, 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 counseling services to enrich performance.

6.13 Development Programs for Support Staff

Administrative staff is encouraged to take up regular training program provided by the Government. ICT Skill development and avenues for the career promotion for the support staff is also being encouraged. Sufficient provision is made for purchase of equipment and for maintenance of infrastructure. Welfare measures provided by the government are being implemented without any delay.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- **Solar Power Plant System:** The new building of the College has been installed with 32 solar panels. Use of this unlimited energy resource will help us reduce our consumption from the non-

renewable sources (thermal power plants). This indeed is a promising effort towards sustainability.

- **Rainwater Harvesting Structure:** The College has adopted the mandatory measure to mitigate the problems faced due to shortage of safe water by installing an efficient rainwater harvesting system. All the rainwater and rooftop rainwater get stored in an underground tank for usage or can be collected to recharge the aquifers, thus increasing the level of local groundwater table.
- **Wooden Birds' Nests:** We have promoted the initiative taken by the eco club of the College and installed 50 wooden bird nests within the campus to provide a habitat for them and enrich the ecological balance within the campus.

Criterion – VII: Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- ➢ **Teaching Learning Center** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) sponsored by Ministry of Human Resources Development has been set up. The center helps to carry out research and organizes programs on innovative teaching pedagogies by the experts across the globe.

- ➢ The College has been selected by MHRD along with seventy-five Colleges to host the **National Resource Center (NRC)** for national level online faculty training, which is envisaged as a major step towards professional development of higher education faculty. The NRC will focus on developing training programs in Ethics, Human Rights and Environment.

- ➢ The **School of Happiness** with an idea to spread peace, contentment and happiness in the College and the society at large has been inaugurated.

- ➢ **Google Classroom**, a virtual learning space to ensure a continuous series of talks, discussions and training sessions along with the easy submission of assignments, online test and evaluation process has been brought into practice. It helps the students overcome the constraints of time and place to guarantee hurdle-free learning.

- ➢ **Mobile and Web-Based Application for attendance** has made the work of teacher's paper-free and easy. It also helps the students to keep track of their attendance percentage which is a substantial part of internal assessment.

- ➢ The **new state-of-the-art and the environment friendly building** of the College has been inaugurated. The four storey building accommodates classrooms and laboratories with latest ICT technologies. The new building has features like optimal utilization of natural light, lifts and ramps that cater to the needs of the differently-abled teachers and students. To provide a stress-free experience to both teachers and students, there is generous space in the form of staff rooms and large corridors. The building promises to be the standard for the modern education infrastructure with a provision of sewage treatment plant, electric sub-station, power generators, water storage tanks and pumps.

- ➢ Keeping in mind the country's commitment towards harnessing renewable resources wherever possible, the new building of the College has been installed with 32 **solar panels**. Use of this unlimited energy resource will help us reduce our consumption from the non-renewable sources (thermal power plants). This indeed is a promising effort towards sustainability.

- ➢ The College has adopted the mandatory measure to mitigate the problems faced due to shortage of safe water by installing an efficient **rainwater harvesting** structure. With these structures all the rainwater and rooftop rainwater get stored in a tank underground for usage or can be collected to recharge the aquifers, thus increasing the level of local groundwater table.

- ➢ We have promoted the initiative taken by the eco club of the College and installed 50 **wooden bird nests** within the campus to provide a habitat for them and enrich the ecological balance within the campus.

- **Paathshaala- Ek Kadam Saksharta Ki Ore** is an initiative by the Center for Social Innovation to impart academic and employability skills to the underprivileged children of slums at regular basis.
- A number of academic, creative, multidisciplinary and interdisciplinary talks/seminars/workshops/ conferences have been conducted by various departments of the College.
- As a part of student exchange program, an **MoU** has been signed between the University of Delhi and the Hokkaido University, Japan, the Department of Political Science hosted, Ms. Mishatu Adachi, a student from Hokkaido University, Japan, for the semester July – December 2017. She successfully completed her course with 70 percent marks.
- The students across departments have written articles, cases, research papers and actively participated in various seminars, workshops, conferences, training programs and panel discussions organized both in and outside the College which have won them acclamation at inter-college and university level. This has led to major boost of confidence, awareness and knowledge of the students.
- The Fee Concession, Scholarships and Prizes Committee has awarded **financial aid** of Rs 2,16,560/- to 70 economically weak students with high academic potential.
- The College endeavours for a meaningful engagement with the larger society. The **Outreach Program** of the College aims at benefitting and bringing about a change in the lives of weaker sections of the society. Many outreach programs have been conducted by the different departments and centers of the College. According to the **National Institute Ranking Framework (NIRF)**, the College has the highest number of Outreach Programs in India.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- **B.A. Honours (Economics)**, a three-year course has been introduced, after being approved and sanctioned by the University of Delhi.
- The IQAC of the College organized a one-day conference on **"Quality Assurance in Higher Education"** at the India International Center, New Delhi, on 26 February 2018. The conference had eminent academicians, educationists and thinkers from different levels of the education spectrum present their views of the conference theme. **Padma Shri Prof. Virander Singh Chauhan**, Former Chairman of University Grants Commission; **Prof. A. P. Padhi,** Former Vice Chancellor, Berhampur University; **Prof. A. Joseph Dorairaj,** Former Vice-Chancellor (Acting), Gandhigram Rural Institute (Deemed University), Gandhigram; and **Ms. Ameeta Mulla Wattal**, Principal, Springdales School, Pusa Road, New Delhi were the main speakers.
- As an IQAC initiative on the occasion of the Diamond Jubilee, the teachers of the College have been facilitated with a customized tablet which works as an **e-register**.
- The non-teaching staff of the College has been given an android mobile for work purposes.
- Our College has been sanctioned the **Teaching Learning Center** under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) sponsored by Ministry of Human Resource Development. The following programs have been conducted under the same:

S. No.	Name of the Program	Duration
1.	One Day National Faculty Development Program on Goods and Services Tax (GST)	October 27, 2017
2.	Faculty Development Program on Skilling Program for Teachers - Developing Transformational Skills	December 15-21, 2017
3.	Faculty Development Program on Skill based Teachers' Training in ICT, IPR and Research	March 5-11, 2018
4.	Workshop on Human Rights and Environment	March 14-20, 2018
5.	UGC sponsored National Management Conference on "Leadership in Organizations: Contemporary Concerns and Key Developments"	March 22-23, 2018
6.	Induction Program	April 9-May 5, 2018
7.	Faculty Development Program on Research Methodology and Statistical Tools	May 23-29, 2018
8.	Faculty Development Program on Use of ICT in Education & Research Methodology held at Dolphin (PG) Institute of Biomedical & Natural Sciences Manduwala, Dehradun (Affiliated to HNB Garhwal University, Srinagar, Uttarakhand)	June 11-17, 2018
9.	Use of ICT in Developing Effectiveness of Teaching Skills for Teachers in Higher Education held at Chandra Shekhar Azad Govt. P.G. Nodal College, Sehore, Madhya Pradesh	July 23-30, 2018
10.	Faculty Development Program on Multimodality, Multimediality In Literature, Cinema and The Allied Arts	August 1-7, 2018

➢ The College had applied and has been ranked **26th** at the **National Institutional Ranking Framework** (NIRF) for 2018, on All India Basis in the College's category.

➢ The **School of Happiness** will focus on the study of the concept of happiness and its academic and cultural relevance and implications in contemporary society. The school offers a three-month certificate course on Science of Happiness and its Implementations.

➢ Ensured infrastructure facilities in the **new state-of-the-art and the environment friendly building**.

➢ As a part of extension activities, the College has hosted **three learning centers**: University of Delhi's School of Open Learning (SOL) for about 2600 students, the Non-Collegiate Women's Education Board (NCWEB) of the University of Delhi which has admitted around 600 students and the Indira Gandhi National Open University (IGNOU) Study Center for 2500 students.

➢ The College has been offering special **coaching facilities** for various competitive examinations for selection in the banks, Staff Selection Commission (SSC) and Civil Services.

➢ **CLC** (CAT Learning Classes) has been started by the Placement Cell to prepare students for management entrance tests.

➢ The Departments regularly organize a number of student-centric academic activities such as special lectures, interactive sessions, industrial visits, excursions, internships and screening of documentary films.

➢ In the effort to promote research and innovation, teaching faculty members have participated in numerous Workshops, Faculty Development Programs, Refresher Courses and Orientation Programs. They have also been resource persons to numerous Workshops, Faculty Development Programs, Refresher Courses and Orientation Programs. They have also published a number of research papers.

➢ The third batch of the three-month diploma course on **International Financial Reporting Standards (IFRS)** in association with the Indian Accounting Association (NCR Chapter) has been successfully completed.

➢ The department of Hindi in association with the KAUSHAL Kendra has started running **two certificate courses** in Radio Broadcasting and Mass Media studies.

➢ Enactus Ramanujan successfully organized the first ever **Enactus Day** on 23 February, 2018 at VP Chest Institute, wherein successful entrepreneurs and best speakers shared their insights and experiences. Enactus Ramanujan was one of the top three Enactus teams from Delhi who participated in HSBC conducted case study competition. They had gone to Mumbai to further participate at the national level.

➢ Institutional social responsibility is carried out through **Paathshaala- Ek Kadam Saksharta Ki Ore**.

➢ Various eco-friendly measures have been taken, the installations of solar panels, rain water harvesting system and wooden birds' nests.

7.3 Give two Best Practices of the institution

➢ **Teaching Learning Center:** It is a matter of great pride that in the 9th PAB meeting of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) held on July 12, 2017, the proposal for setting up of the MHRD sanctioned Teaching Learning Center (TLC) at our College was approved. The Center aims to prepare newly recruited teachers to face the new pedagogic challenges of modern education system. The College has designed the programs under TLC to change the role and workings of a teacher from mere imparter to the one who has developed critical and analytical skills, information generation capabilities, ability to know and reason, empowering through open sources, global oriented digitalization and self-learning in students. The Center at the College not only focuses on 'what is taught' but also gives equal importance to 'the way it is taught' — it is an education model which is aligned with future trends, in the effort to develop and enhance individual education that will eventually go on to define the manner in which the future generations will work and live. The details of programs conducted have been provided above under point 7.2.

- **School of Happiness:** The school explores the ways of battling against the corruption, distress and evils of the society through the rawest human emotion and state, that is, happiness. It propagates beliefs and values that help students and teachers to learn to make peace with personal crisis. Internal happiness is the strongest weapon against the chaos of the world and mind. The School intends a change from within because only this change can create a world of love, hope, contentment and compassion. It believes in transforming the society through faith in oneself and co-beings. The school offers a three-month certificate course on "Science of Happiness and its Implementations".

7.4 Contribution to environmental awareness / protection

1. **Solar Power Plant System:** The new building of the College has been installed with 32 solar panels. Use of this unlimited energy resource will help us reduce our dependency on the non-renewable sources (thermal power plants).
2. **Rainwater Harvesting Structure:** The College has adopted the mandatory measure to mitigate the problems faced due to the shortage of safe water by installing an efficient rainwater harvesting structure. With these structures all the rainwater and rooftop rainwater get stored in a tank underground for usage or can be collected to recharge the aquifers, thus increasing the level of local groundwater table.
3. **Wooden Birds' Nests:** We have promoted the initiative taken by the eco club of the College and installed 50 wooden bird nests within the campus to provide a habitat for them and enrich the ecological balance within the campus.

Plans of Institution for next year:

- Installation of Solar Water Purifier
- Setting up vermin composting unit within the campus so as to practice the traditional method of composting.
- To conduct a Green Audit of the institute.
- MoU to be signed with an e-waste recycling company.
- Initiatives and methods to be adopted to make the institute Plastic-free.
- To establish herbal garden with medicinal and aromatic plants useful in healthcare system.
- To establish a butterfly conservatory which has its own environmental benefits such as pollination, natural pest control etc.
- To organize a workshop on "Solid Waste Management in Colleges".
- To organize a seminar/conference on "Water Scarcity: Global Issue".

7.5 Whether environmental audit was conducted? Yes ☐   No √

7.6 Any other relevant information the institution wishes to add. (for example, SWOT Analysis)

STRENGTHS
- MHRD sanctioned TLC and NRC
- SOL, NCWEB, IGNOU
- Participative management whereby information flow and decision- making processes are systematized and channeled through all key constituents of the College
- Outreach Programs
- Extensive range of academic subjects and co-curricular activities

- Interdisciplinary practices
- Dynamic leadership and visionary management
- Freedom of thoughts and expression
- Energetic and sincere faculty
- Concern for environmental relationship and sustainability
- ICT enabled classrooms and well-equipped labs
- Enhanced infrastructure for collaboration across departments

WEAKNESSES
- More innovative associations with outside industries for outstanding research and learning are required
- Requirement for a registered Alumni Association

OPPORTUNITIES
- Exciting internship opportunities for students
- Establishing a close connection between teaching, learning and research
- Generation of funds from government & non-government agencies
- Placement Opportunities

CHALLENGES
- To complete the sanctioned infrastructure
- To create separate tutorial block for the departments
- To get different well-known companies with a quality profile and higher paid packages for the students' placement on the campus

8. Plans of Institution for Next Year

- To organize the following programs under the MHRD sanctioned Teaching Learning Center (TLC):

S. No.	Programs
1.	One-day Workshop on Financial Management
2.	Two-day Faculty Development Program on Teaching Role of Ethics
3.	One-week Faculty Development Program on ICT Integrated Research in Mathematical Sciences
4.	Two-week Workshop on Research Methodology and Research Tools
5.	One-week Program on 'Media aur Sahitya Antahaya Sambandh'
6.	One-month Induction Program

- To develop MOOC lessons under National Resource Center for the disciplines of Human Rights, Ethics and Environment.
- To start B.Sc. Honours (Environmental Science).
- To publish the third edition of its "Ramanujan International Journal of Business and Research".
- To bring out the seventh volume of the "International Journal of Applied Ethics".
- To organise a two-day International Conference on "Financial Technology: Artificial Intelligence, Block Chain and Crowd Funding".

- To contribute more through the cultural, social and economic life of underprivileged children through Center for Social Innovation and Outreach Programs.
- To complete the new building according to the sanctioned plan.
- To enhance the library books and facilities.

Dr. K. Latha

Signature of the Coordinator, IQAC

Dr. S. P. Aggarwal

Signature of the Chairperson, IQAC