

# **RAMANUJAN COLLEGE**

## **INTERNAL QUALITY ASSURANCE CELL**

### **MINUTES OF THE MEETING**

30 December 2023

An online meeting of the Internal Quality Assurance Cell (IQAC) of the Ramanujan College was held on 30 December 2023 at 11am.

The following members were present:

Prof. S. P. Aggarwal, Principal, Ramanujan College (Chairperson, IQAC)

CA (Dr.) Sanjeev Kumar Singhal, Central Council Member, Institute of Chartered Accountants of India (ICAI) (Consultant)

Mr. Pankaj Aggarwal, Director, Treta Agro Pvt. Ltd. (Just Organik) (Industrialist)

Prof. K. Latha, Department of Management Studies, Ramanujan College (Director, IQAC)

Prof. Madhu Kaushik, Department of Hindi, Ramanujan College (Secretary, Staff Council)

Dr. Nirmalya Samanta, Department of English, Ramanujan College (Convenor, NAAC Steering Committee)

Dr. Aparajita Mazumdar, Department of Political Science, Ramanujan College (Member)

Ms. Parul Yadav, Department of Commerce, Ramanujan College (Member)

Mr. Rudraksh Kasana, B.Sc (Hons.) EVS, 3<sup>rd</sup> year (Student Representative)

Ms. Prachi, B.Com (Hons.) 3<sup>rd</sup> year (Student Representative)

Ms. Shreya Sinha (Alumna)

The meeting began with a formal welcome by Dr. S. P. Aggarwal.

#### **Reporting Items**

Dr. S. P. Aggarwal, reported on the following:

1. The status of University of Delhi Online Admission 2023-24 for Ramanujan College. The online admission process was carried out systematically and efficiently between 1 August - 30 September 2023. A total of 1197 seats have been filled out of the total sanctioned strength of 1203 seats in a total of 17 courses. M.A. in Hindi has also been introduced the College from 2023-24 academic session.
2. Between July 2023-December 2023, the TLC has conducted a total of 71 faculty enrichment programmes, including 6 one-month Faculty Induction Programmes, 28 one-week Faculty Development Courses, 33 two-week refresher courses and 4 short-term courses, training a total of 23,180 teachers across the country. All the TLC programmes were conducted in online mode, generating a total revenue of Rs. 3,53,77,892/-
3. The Research Development and Services Cell (RDSC) of the College has undertaken the following projects:
  - Immersive technologies (VR, AR and MR)
  - Quantum Computing
  - 5G project
  - Agritech Project

In order to augment the RDSC projects, the following infrastructure were procured:

- 5 units of i7 Laptops for students and interns working under RDSC on Immersive technologies (VR, AR and MR), Quantum Computing and 5G project
- 2 workstations with i9 for 5G project and TLC and research activity
- 1 Commercial Indoor Radio for 5G testing.

The 5G project aims to develop low cost 5G that can be used by the College itself.

4. The Institution's Innovation Council (IIC), established in July 2022, has conducted a total of 20 activities between July 2023 - December 2023, the details of which are as follows:

1	Online	Session	Innovation Validation - Converting Innovation into a start-up
2	Online	Session	Lean Start-up & Minimum Viable Product/Business
3	Online	Session	Independence Day- Celebrating Aazadi Ka Amritkal
4	Online	Session	Accelerators/Incubation for Early Stage Entrepreneurs
5	Offline	Session	Session on Converting Innovation to Startup for Entrepreneurs
6	Offline	Competition	PITCHSTORM: Inter-Institutional Start-up Competition
7	Offline	Competition	Avant Garde: Innovative Poster-Making & Exhibition Competition
8	Offline	Session	Panel Discussion on Innovation & Startup Ecosystem
9	Offline	Seminar	Aptitude Building for CAT & other Management Exams
10	Offline	Competition	BizMinds: Business Intelligence Challenge Competition
11	Offline	Competition	QUIZIGNIA 2.0 - Business Quiz Competition
12	Offline	Competition	Inter-College Bilingual Debate Competition
13	Offline	Workshop	Collaborative Workshop with Society Heads
14	Offline	Session	My Story - Motivational Session by Successful Entrepreneur/Start-up founder
15	Online	Session	Session on Leadership & Communication Skills to be a Successful Entrepreneurs
16	Online	Session	Workshop on "Entrepreneurship and Innovation" as Career Opportunity
17	Online	Session	Session on Problem Solving and Ideation Workshop
18	Offline	Session	AVANT GARDE 2.0: Poster Competition
19	Offline	Visit	Exposure and Field Visit for Problem Identification
20	Online	Session	My Story - Motivational Session by Successful Innovators

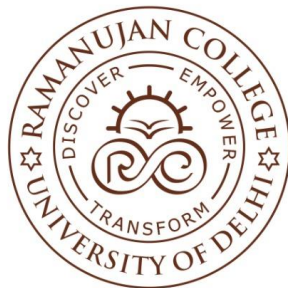
5. The Skill Development Centre of the College, officially inaugurated on 30 January 2023, by Dr. Jigar Inamdar, honourable Chairperson of the Governing Body of the College, to primarily work as a business incubation center is presently developing the following programmes to be launched through the College's own LMS, rcmoocs.in

New Generation Technology	Core Skills/Entrepreneurship/Research Skills/Specialised Skills
Blockchain and Cryptocurrencies	Ethical Leadership
Introduction to Kubernetes	Communication Skills

Internet of Things (IoT)	Risk Assessment and Mitigation
Edge Computing	Computer Programming Fundamental
Artificial Intelligence and Machine Learning	Funding and Financing Options
Biotechnology and CRISPR	Data Analysis
Neutral Interfaces and Brain-Computer Interaction	Robotics Engineering
Robotics	UX/UI Design
	Data Analysis and Visualization
	Pitching and Presentation Skills
	Bioinformatics
	Business Planning
	Geographic Information System
	Data Ethics and Privacy
	Information Literacy
	Legal and Regulatory Compliance
	DevOps (Development and Operations)
	Data Cleaning and Transformation

6. The College from time to time keeps on updating the IT infrastructure.
  
7. The College had been using the logo of the University of Delhi till was renamed as the Ramanujan College in 2010. In order to make its distinct mark as an institution of eminence and improve its perception and media presence, it is imperative for the College to have its own logo. With this intention, a logo designing competition was organised in November 2023. Three students, selected from 81 entries that were received, were given cash award and certificate. However, it was felt that a more professional design was required and inspired by the logo designed by the winner of the competition, Mr. Sankha Samanta (a renowned artist and graphic designer) finalised the logo of the College, which was unveiled on 22 December 2023, during the Foundational Day Ceremony of the College.

## RAMANUJAN COLLEGE LOGO



The design of RAMANUJAN COLLEGE LOGO is inspired from the legendary mathematician, THE MAN WHO KNEW INFINITY, SRINIVASAN RAMANUJAN. His hard work, commitment and resilience inspires all.

The salient features of the logo is as follows:



1. MATHEMATICAL SYMBOL OF INFINITY WITH THE INITIALS RC of Ramanujan College blending into it as a singular entity, denotes that the soul of the Institution nurtures and promotes the values of Srinivasan Ramanujan. Ramanujan College is also known for its Science stream, and in particular Mathematics.



2. The TWO BIRDS IN FLIGHT which also can be seen as a BOOK symbolizes aspirations, knowledge, empowerment, freedom and nature being an inseparable part of human life. The College Motto, DISCOVER, EMPOWER and TRANSFORM is inscribed into the logo.



3. The RISING SUN which can be also seen as a part of a GEAR, symbolizes, radiance of knowledge, aspirations, hope and Ramanujan College as a place to learn life skills and empower oneself. Gear symbolizes that each individual contribution plays an important part to betterment of the world just as a small gear is an inseparable part of a big machinery.

DESIGN : SANKHA SAMANTA

8. As mentioned in the previous IQAC meeting, held in July 2023, regarding the establishment of a Centre for Indian Knowledge Tradition in the College which was proposed by Dr. Jigar Inamdar, Chairman of the Governing Body, BHĀRATAM: Bhārtīya Gyān Paramparā: Adhyayan, Adhyāpan Evam Anusāndhān Kendra was inaugurated on 22 December 2023, during the Foundational Day Ceremony of the College. The logo of BHĀRATAM was also unveiled during the ceremony, designed by Mr. Sankha Samanta.



The Logo is inspired from the name BHARATAM, and it's essence.

It depicts an icon which is a synthesis of Traditional Indian lamp and Architectural feature of Indian Steps and Gateway. The thought that 'Knowledge needs to be immortalized by institutionalizing it' and the Nation's ethos and values are reflected in the logo.

Lamp/ Flames symbolizes, Beginning, Knowledge, auspiciousness, prosperity and abundance. It is inspired from The first hymn of Rig Veda which is addressed to Agni the God of Fire, and in Christianity, Judaism and Buddhism, lighting candles and lamps signify presence of the divine. It is also inspired from the Shanti mantra from the Brihadaranyaka Upanishad,

'Om Asato Maa Sad-Gamaya |  
Tamaso Maa Jyotir-Gamaya |  
Mrtyor-Maa Amrtam Gamaya |  
Om Shaantih Shaantih Shaantih ||

Meaning:

Lead us from the unreal to the real

Lead us from darkness to light

Lead us from death to immortality

Aum peace, peace, peace!

The five flames symbolizes five senses through which we imbibe knowledge. The flame which always looks up represents creativity and spiritual knowledge that evolves towards a higher consciousness.

Door and steps symbolizes Temple of Knowledge, Gateway, Home or an institution for a student to gain wisdom of Ancient Indian Knowledge systems and fulfil his/her aspirations and progress in life.



The architectural pattern made of cubical digits suggests digital space and also textile weave pattern indicative of unity in diversity, and cross-cultural blend which characterizes Bharat.



The Sun at the centre of the 'Gateway' symbolizes knowledge, and is also indicative of 'Bindu'. In metaphysical terms, Bindu is considered the point where creation begins.

Design: Sankha Samanta

Bhāratam will outline the areas which are relevant in the contemporary times (युगा नुकुल) yet will further enrich our nation (देशनुकुल) in a longer run. The Center aims to disseminate and preserve the knowledge related to the Indian value system through the systematic study of ancient texts and literature. The first initiative in this direction has been the launch of 20-Day Certificate/Refresher Course on ŚRĪMAD BHAGAVAD-GĪTĀ: Prabodha Evam Prāsāngikatā under BHĀRATAM, to enable a deep exploration of the spiritual wisdom encapsulated in this revered scripture, unraveling its philosophical intricacies and timeless teachings. The Course is being offered in both online and offline mode with a total of 523 participants registered from all over India (Offline: 82; Online: 441). Apart from the Inaugural and Valedictory sessions, the remaining 18 days will focus on each Adhyaya of the ŚRĪMAD BHAGAVAD-GĪTĀ, discussed by eminent speakers.

9. Ramanujan College successfully completed the process of recruitment of faculty members on permanent basis in all departments of the College, except the Department of Vocational Studies. A total of 26 appointments were made between July 2023- December 2023, the details of which are as follows:

Sl. No.	Name of Department	No. of permanent faculty appointed
1.	Department of Applied Psychology	6
2.	Department of Punjabi	1
3.	Department of Physical Education	1
4.	Department of Operational Research	1
5.	Department of History	3
6.	Department of Management	10
7.	Department of Hindi	4

10. A National Patent, titled “Hybrid Post Quantum encryption (PQE) on Private/Public Permissioned Blockchain Wallets on Decentralised Identity (DID) ecosystem”, was granted on 17 November 2023 to Mr. Vipin Rathi (Assistant Professor, Department of Computer Science), Mr. Rahul Prasad and Mr. Dinkar Jain. The College is also in the process of filing an International Patent, however, the cost of the same is very high and it is difficult to find funding for the same.

11. The Next Generation Research & Innovation Centre (NG-RIC), Ramanujan College, University of Delhi, has entered into a Memorandum of Understanding (MoU) with Broadband Multimedia Wireless (BMW) Laboratory, Department of Electronic and Computer Engineering, College of Electrical and Computer Engineering, National Taiwan University of Science and Technology (NTUST), Taipei, Taiwan. Acknowledging the shared benefits of collaboration in 5G, 6G, Open Radio Access Network (O-RAN); both parties commit to this Collaborative Agreement, aiming to enhance joint educational, research, and development efforts.

12. The Department of Environmental Studies has set up a Butterfly Park in the College campus. Prof. K. Latha reported on the following:

1. The IQAC facilitated the promotion of 1 faculty member of the College between July 2023-December 2023:

- Dr. Pappu (Assistant Professor Grade 11 to 12, Department of Mathematics)

2. The College has initiated the practice of funding interdisciplinary and multidisciplinary research projects undertaken either entirely by the faculty members of the College or in collaboration with teachers/professional from other institutions. In this regard, a meeting was held on 25 October 2022) to discuss the status of the existing Research Project and approve new research proposals received. The following two research proposals were approved in principle, jointly by the IQAC and the RDSC of the College, each project being allotted a maximum fund of Rs. 6 lakhs.

Sl. No.	Name of Research Projects	Project Investigator
1.	Lack of Ethical Conduct in Start-Ups	PI: Dr. Deepti Gupta, Department of Management Studies, Ram Lal Anand College, University of Delhi; Co-PI: Dr Rajiv Nayan, Department of Commerce, Ramanujan College, University of Delhi and Prof. Gaikar Vilas B. Professor, Dept. of Economics, Smt. CHM College, University of Mumbai
2.	भारतीय ज्ञान परंपरा : समसामयिक संदर्भ	PI: Dr. Alok Ranjan Pandey, Department of Hindi, Ramanujan College, University of Delhi; Co-PI: Dr. Deepak Kumar Jaiswal, Department of Hindi, University of Delhi

3. The IQAC organised a Workshop for the faculty of the College on the topic, “Role of Teachers in Higher Education” on 16 September 2023. Honourable Vice Chancellor of University of Delhi, Prof. Yogesh Singh was the Chief Guest of for the Inaugural session, which was followed by a technical session on “Role of Faculty in Building Quality Institution”, delivered by Prof. I. K. Bhat, Honourable Vice Chancellor of Manav Rachna University. Prof. Yogesh Singh was very impressed with the newly inaugurated Skill Center of the College and highly appreciative of the work being done.

Reporting on the status of progress of work in the construction of the new building of the College, Prof. Aggarwal noted that work on the site had to be stopped several times due to pollution guidelines from the Government, and as a result progress has been slow and the delay in the completion date is expected.

Dr. Nirmalya Samanta shared that as part of an MoU signed by the College with Shri Vishwakarma Skill University, Gurgaon, Haryana, the University recorded 50 lectures on various aspects of management in the Media Lab of Ramanujan College. The lectures are in the stage of post-production and the entire set of lectures will be handed over to the University as part of the Module.

Prof. Latha also apprised of the two upcoming event of the College:

1. The Annual Inter-College Cultural Festival, Josh, 1-2 February 2023
2. The Literary Festival, 14-15 February 2023

Prof. Latha informed that since the previous students representatives have graduated, the following two new student representatives have been incorporated:

1. Mr. Rudraksh Kasana, B.Sc (Hons.) EVS, 3<sup>rd</sup> year
2. Ms. Prachi, B.Com (Hons.) 3<sup>rd</sup> year

CA (Dr.) Sanjeev Kumar Singhal observed that the College logo should also include the word "Lead/Leadership" and there should be no boundary/ceiling over the flying birds.

Mr. Pankaj Aggarwal lauded the multifaceted work that the College is engaged in, especially related to technology and innovation.