



RAMANUJAN COLLEGE

Accredited Grade 'A' by NAAC

(University of Delhi)

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

ACTION TAKEN REPORT 2019-20

Plan of Action	Action Taken/ Outcomes (at the end of the year)
<p>To establish linkage with various funding agencies like UGC, SERB-DST etc for research projects and organizing academic events</p>	<p>All the Departments of the College regularly organised various student-centric and academic activities such as special lectures, interactive sessions, industrial visits, excursions, internships and screening of documentary films. An International Conference on Applicable Mathematics was organized by the Department of Mathematics, Ramanujan College from 19th to 21st December 2019 on the theme Network Science. This conference was sponsored by University Grants Commission (UGC) and Science and Engineering Research Board (SERB). The Department of Philosophy organised a UGC sponsored two-day National Seminar entitled "Relevance of Philosophy for Students Today" from 2nd October 2019 to 3rd October 2019. A two day UGC sponsored National Conference was organized by Department of Statistics on "Emerging Trends in Statistics and Data Science (ETSDDS-2019)" on 06th-07th September 2019. The Department of Applied Psychology organized two days UGC Sponsored National Seminar on "Globalization, Diversity and Equality: Challenges for Indian Society" during 20-21 September 2019.</p>
<p>One-week interdisciplinary FDP exclusively for all the teachers of the College</p>	<p>As a new initiative, the IQAC of the College organized a FDP on "Teachers, Teaching and Taught Discovering New Meanings, Relationships and Purpose" from 1st to 7th of January 2020. The FDP was designed to reposition the field of education in the global world and equip teachers with tools to create, co-create and disseminate knowledge in the changing contemporary scenario. Unlike, the usual, this FDP was based on practical and interactive approach. There were many activities, exercises and discussions to restructure our strategies and ways as a teacher in classrooms and institution. This FDP was sponsored by UGC and NAAC and was intended for all internal faculty members of Ramanujan College including permanent, adhoc, and guest teachers. The FDP had a participation of around 90 teachers from all departments of the College. Prof. Virander Singh Chauhan, Ex Chairperson of the University Grants Commission (UGC), who was the chief guest and the key note speaker of the inaugural session of the programme, acknowledged that such a Faculty Development Programme, specially designed for all the teachers of the college, from different disciplines, was only one of its kind and extraordinary.</p>
<p>To conduct Rigorous Training Programs for Teachers through Teaching Learning Centre with the participants from remote areas of the country</p>	<p>The IQAC has collaborated, facilitated and played a direct role in organising numerous training programs for faculty members in higher education across the country in association with Teaching Learning Centre, Ramanujan College under the aegis of Ministry of Education of the PMMMNMTT Scheme. A total of 16 programmes (Faculty Development Programmes /Faculty Induction Programmes/Workshops) have been conducted by TLC, Ramanujan College from April 2019 to March 2020 with 772 beneficiaries. Till March 2020, all the programmes conducted by TLC, Ramanujan College were primarily based on physical interaction. To continue the teaching learning process during the COVID19 pandemic, it was decided to organize the FDP/FIP/Workshop online with virtual engagement with all participants/learners.</p>

	<p>The College has created a customised Learning Management System (LMS) platform which is not only predominantly participant friendly but also incorporates within it evaluation methods and comprehensive feedback systems to judge learning outcomes. This creative, innovative and effective method of online training by Ramanujan College is highly appreciated by the participants across the country. Within the span of three months (April to June 2020), the TLC has trained more than 45,000 participants through 11 online programmes. There have been four major gains in this endeavour.</p>
<p>To conduct External Academic Audit of the teaching staff of the College</p>	<p>The External Academic Audit of the institution took place on 12th and 13th of September 2019. The entire faculty including guest lecturers were part of the Audit evaluations. All teachers submitted a Self-Evaluation Document (SED). Each Department also submitted a Self-Evaluation Document. The SEDs were a record of the qualitative and quantitative achievements of the individual teacher as well as the Department. The departments and faculty were divided into three groups. They were Humanities and Social Sciences, the Mathematical Sciences and Commerce, Management and Economics streams. Prof. R.K. Sharma, Department of Mathematics, IIT Delhi and Prof. Shobha Bagai, Programme Coordinator B. Tech (Information Technology and Mathematical Innovations) Cluster Innovation Centre, University of Delhi audited the Mathematical Science Departments of the College. Prof. Anand Prakash, Head of the Department of Psychology, University of Delhi and Prof. Ujjwal Singh, Department of Political Science audited the Humanities and Social Science Departments, while Prof. Daniel Lazar, Department of Commerce, University of Pondicherry and Prof. Reetesh Singh, Head of the Department of Commerce, University of Delhi evaluated the Commerce, Management and Economics departments. The auditors scrutinised all the SED's and then had a Department wise meeting with the faculty members. Many issues regarding the quality of the teaching learning process were discussed during these interactive sessions. The Audit team scored the individual teachers as well as the Departments based on parameters that arose out of the SED's. The Audit scores suggests that the college is on a sound footing in its academic endeavours.</p>
<p>To conduct External Administrative Audit of the non teaching staff of the College</p>	<p>An external Audit was also conducted for the Administration of the college on 19th and 20th of December 2019. The first day was devoted to the audit of the College Library which was done by Prof. Ramesh C. Gaur, Dean Director of Library and Information, Indira Gandhi National Centre for arts, New Delhi. The Accounts and Administration Departments of the college were audited by Dr. Vikas Gupta, Assistant Registrar, University of Delhi and Dr. Vikas Madan, Department of Computer Science, Shri Ram College of Commerce audited the Information technology Department on the second day. All administrative staff had submitted a SED individually and each Administrative Department also submitted a Departmental SED.</p>
<p>To provide Incentive to the teachers for Research Publications in Scopus and Web of Science Journals</p>	<p>The College has been consistently encouraging teachers towards research and publication in reputed and accredited journals. The IQAC has announced on 7th November 2019 to provide financial incentive to the teaching faculties of Ramanujan College for publishing research papers in Web of Science and Scopus Journals with the date of publication on or after 7th November, 2019. The faculties publishing research papers in Web of Science will be given an incentive of Rs. 15,000/- per paper published and the faculties publishing research papers in Scopus journals will be given an incentive of Rs. 10,000/- per paper published.</p>

<p>Initiation of New Diploma/ Certificate/ Skill based courses/ workshops</p>	<p>The college organized eight Certificate and Diploma Courses on the topics: Happiness, International Financial Reporting Standards (IFRS), Human Rights Studies, Radio Jockey and Broadcasting, Mass Media, Basics of Research, Research and Data Analysis and Financial Modelling. These courses drew a participation of 1208 students from all over India. Various departments of the college also organized the skill-based workshops for the students. The Department of Commerce organised a One Day “Cyber Crime, Awareness and Security” workshop on November 6, 2019. The Department of Computer Science organized a Web Development Workshop on 27 and 28 September 2019. A two-day (October 17 and 18, 2019) Interdisciplinary workshop on “Financial Modelling comprising 46 participants was organized by the Department of Management Studies. On 26th September, 2019 an informative and practical workshop on DevOps and Github was conducted by the Department of Vocation. A two day workshop on Introduction to Python for students during 14 and 15 October 2019 by Ramanujan Centre for applied Mathematics and Research. Centre for Robotics and Artificial Intelligence organized Dream AR 101 Workshop Series: on Google AR Code in collaboration with Cluster Innovation Centre, University of Delhi in August 2019.</p>
<p>Use of ICT based, student-centric teaching pedagogies by college teachers</p>	<p>The Faculty Members participated in numerous Workshops, Faculty Development Programs, Refresher Courses and Orientation/ Induction Programs to update and upgrade their teaching skills. The focus was to enrich the pedagogy of the teachers and make them ready for the new age digitally savvy students. In the wake of the impending crisis and a possible lockdown, the faculty members of Ramanujan College were given state-of-the-art training to develop e-content and use new technological advancements like Google Classroom, Zoom Application, and Google Hangout. The college took an initiative by organizing an awareness programme on 17th (Tuesday) & 18th (Wednesday) March 2020 in small groups only (as per the mandate of the Covid-19 regulations). This turned out to be a highly beneficial session for all the faculty members. The tools and resources used during the period included 1. Using zoom cloud meetings (application); Google meet (meet.google.com); Google Hangouts for online teaching and using Google classroom for providing study materials, creating quizzes and giving assignments. 2. Weekly projects and assignments through Google Classroom and subsequent evaluation of the same. 3. Microsoft Whiteboard and Google Jamboard (web application). Also, audio lectures were also sent to students who do not have high internet connectivity. Faculty members were available through different digital modes to the students and they were sharing relevant E-content from N-list/inflibnet website, audio-video lectures, online links, a link for DU library accessing from home, ICT initiatives by MHRD.</p>
<p>To uplift the academic performance, placement and graduation outcome of students</p>	<p>The students did exceedingly well in academics. AB Rauoof, a student of Department of Mathematics secured first Rank in Delhi University Entrance Test (DUET)2019 for M.Sc. Mathematics. A number of Mathematics and Management Studies students have secured admission in the various prestigious Indian Institutes of Technology, Indian Institutes of Management, National Institutes of Technology and the XLRI, Jamshedpur during the pandemic period: Vishant Sachdeva (IIM Shillong), Jatin (IIM Kozhikode), Tariq Ahmad Dar (IIT Madras), Paras Gautam (IIT Guwahati), Amrit Kumar (IIT Hyderabad), Gurpreet Singh (Dr. B.R. Ambedkar NIT Jalandhar), Prerna Garg (XLRI, Jamshedpur), Harsh Lal (IIM Shillong), Piyush Rohilla (IIM Udaipur), Tanmay Tandon (IIM Raipur), Mayank Gupta (IIM Rohtak), Ujjwal Aggarwal (IIM Rohtak). The Personality Development Classes were organized by the Placement Cell of the college for all third year students. The Placement Cell also organised a Job Fair, in collaboration with the Department of Management Studies and the Department of Vocational Studies on 2nd March 2020. A total of 29 companies participated in the job fair and gave 150 offers to approximately 800 participating students. In 2019 20, a total of 57 companies visited the College campus, around 1500 students participated in campus recruitments, 335 students were selected or shortlisted for final job and 626 students selected</p>

	or shortlisted for internships. Three students from the Centre for Robotics and Artificial Intelligence have been selected for internship in The Linux Foundation, USA.
To sign MoU for National and International Collaborations and augment Consultancy Services	The College has entered into a number of Memorandums of Understanding (MoU) with institutions and organisations that wish to collaborate with us in mutually beneficial programmes. We have an MoU with the Management Institute of Innsbruck, Austria and Western Sydney University, Australia. The College has also signed MOU with the Media Entertainment Skills Council of India for resource and industry support for the launching of vocational and Hons courses in media studies, film animation and computer graphics. A Memorandum of Understanding was signed between Ramanujan College and WWF India in the month of September 2019 for its youth engagement programme ECHO under WWF Volunteers' that aims to create Environment Conservation Heroes in colleges across the country through bridging the gap between environmental awareness and conservation action. We have also signed MOUs and providing consultancy to a number of colleges from the University of Delhi and other universities of the country for conducting collaborative Faculty Development Programmes. The college worked together with Shri Ram College of Commerce, University of Delhi and provided them with our Media Lab resources and consultation for the development of their MOOCs programmes for the ARPIT platform. Dr. Nirmalya Samanta, Associate Professor, Department of English was appointed (January 27, 2020) as Accreditation Ambassador to Kirori Mal College, University of Delhi, an approved mentor institution under the UGC PARAMARSH Scheme. He provided consultancy to the Paramarsh Committee of Kirori Mal College, University of Delhi, and to the IQAC and NAAC committees of Aditi Mahavidyalaya, University of Delhi and Siliguri Institute of Technology, West Bengal. The college also provided Media Lab Resources to UGC HRDC of University of Madras in Jan-Feb 2019 to record video lectures under Swayam Online Course.
To make the college campus more eco-friendly	The college has established an association with Karo Sambhav (PRO) for proper disposal of e-waste and transferred the ownership of electronic waste weighing 55 Kgs to them in 2019. Vriksharopan was conducted in the college premises. The college made efforts and was successful in the conservation of a 50 year old tree in the campus. Disposal of Bio-medical Waste generated from Medical Room, Ramanujan College was done through Biotic Solutions Pvt. Ltd., GT Karnal Road, Delhi, in the month of November 2019 to create a proper channel for medical waste disposal. A Yulu E-Bike station was inaugurated in the College campus on 10th February 2020 to promote active transportation, which improves the health of communities and lowers one's healthcare costs, in addition to the protection of environment as well. The formation of herbal garden and marking of trees with the scientific and local names inside the college campus (as an initiative to make students and the staff aware of the same) is in progress.

Dr. K. Latha