

A Report on the  
**NIRF RANKING AND  
THE PARAMETERS  
WHERE RGU EXCELLED**



*Submitted by*

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# 1. Introduction

The National Institutional Ranking Framework (NIRF) is a methodology adopted by the Ministry of Human Resource Development (MHRD) to rank institutions of higher education in India. The Framework was launched on 29 September 2015. A set of measurable parameters have been used as metrics for ranking the institutions. The parameters have been organized into five (05) groups and each group has been divided into suitable sub-groups. Each group has an overall weight assigned to it. The broad parameters for evaluation are:

Groups	Ranking Weight
Teaching, Learning & Resources (TLR)	0.30
Research and Professional Practice (RP)	0.30
Graduation Outcomes (GO)	0.20
Outreach and Inclusivity (OI)	0.10
Perception (PR)	0.10

## 1.1 Teaching, Learning & Resources (TLR)

This parameter is evaluated on the basis of the following Quality indicators:

- Student strength (Number of UG/PG and Research Students)
- Faculty-student ratio with emphasis on permanent faculty (FSR)
- Combined metric for Faculty with PhD (or equivalent) and Experience (FQE)
- Financial Resources and their Utilisation (FRU)

## 1.2 Graduate Outcome

This parameter is evaluated on the basis of the following Quality indicators:

- Number of graduate students placed through campus placement, averaged over previous 3 years
- Percentage of graduating students (both at the UG and PG levels) who have been selected for higher studies, averaged over the previous three years
- Number of sustained spin-off companies set up over the previous 5 years period

## 1.3 Outreach and Inclusivity

This parameter is evaluated on the basis of the following Quality indicators:

- Percent Students from other states/countries (Region Diversity RD)
- Percentage of Women (Woman Faculty) + (Woman Students) + (Woman Administrator)
- Economically and Socially Challenged Students (ESCS)
- Facilities for Physically Challenged Students (PCS)

## 1.4 Perception

This parameter is evaluated on the basis of the following Quality indicators:

- Peer Perception: Employers and Research Investors (PREMP)
- Peer Perception: Academic Peers(PRACD)
- Public Perception (PRPUB)
- Competitiveness (PRCMP)

## 2. Ranking History of Rajiv Gandhi University

Year	Ranking
2016	Nil
2017	76
2018	101-150
2019	99
2020	101-150
<b>2021</b>	Applied

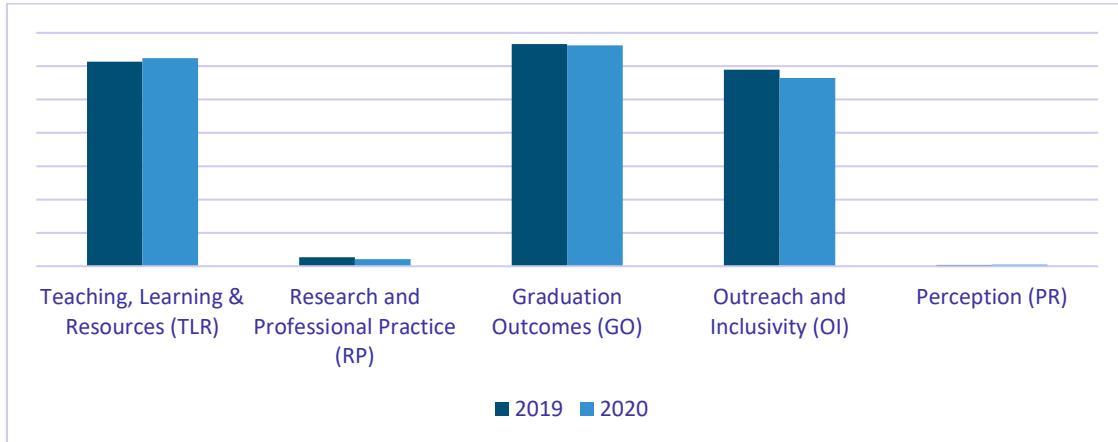
## 3. A Statistical Representation of RGU's Score

Broad Parameter-wise Score of the University

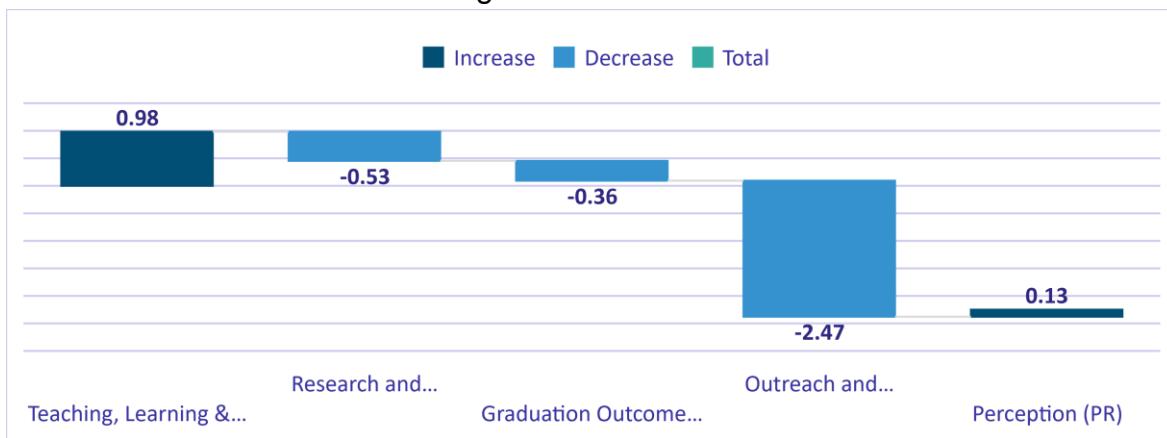
Major Groups	Weightage	2019		2020	
		Marks Scored	Weighted Score	Marks Scored	Weighted Score
Teaching, Learning & Resources (TLR)	0.30	61.40	18.42	62.38	18.714
Research and Professional Practice (RP)	0.30	2.67	0.801	2.14	0.642
Graduation Outcomes (GO)	0.20	66.64	13.328	66.28	13.256
Outreach and Inclusivity (OI)	0.10	58.93	5.893	56.46	5.646
Perception (PR)	0.10	0.41	0.041	0.54	0.054
<b>Total</b>			<b>38.48</b>		<b>38.31</b>

The overall score of Rajiv Gandhi University for the year 2020 is 38.31 compared to last year 38.48 in the year 2019.

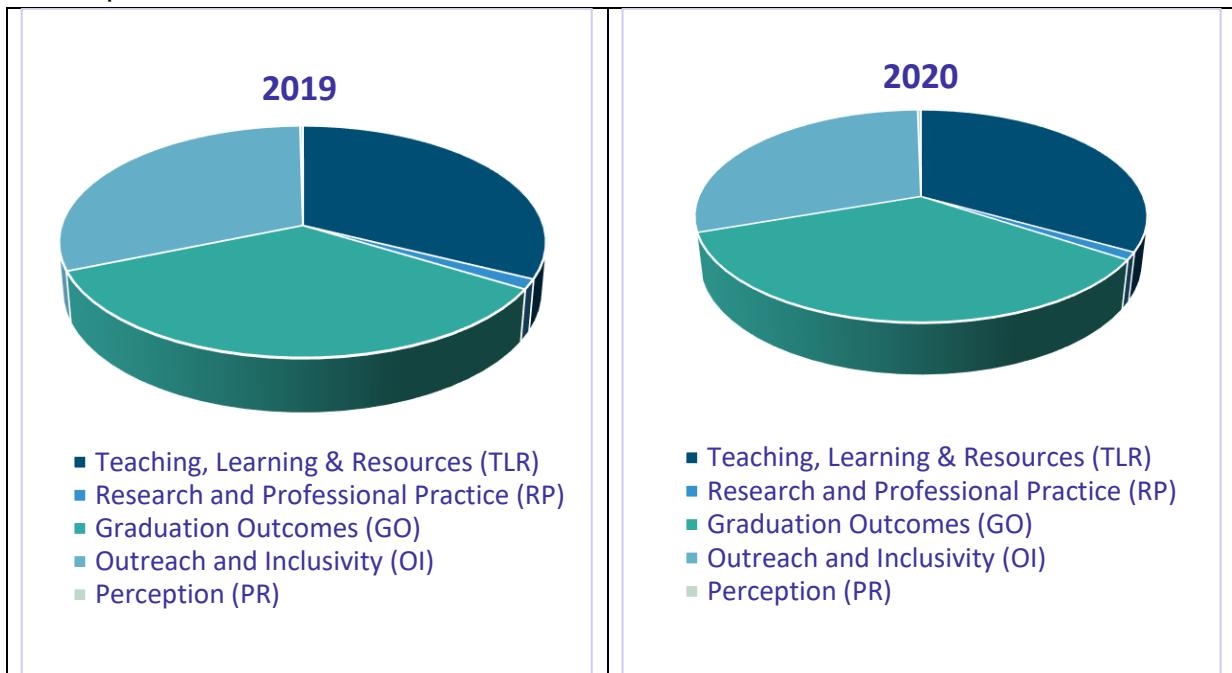
## A comparative study of marks scored by RGU in the year 2019 and 2020



## Change in Score w.r.t 2019



## Build-up of overall score 2019 vs 2020



## 4. A Comparative Study

A comparative study vis-à-vis overall score achieved by top three (03) universities and top three (03) Central Universities of North East India placed among top 100 universities

Name of the University	2019 score	2020 score	Score Gains/Losses	Position Ups/Downs
Indian Institute of Science	82.28 (01)	84.18 (01)	(+)1.9	No Change
Jawaharlal Nehru University	68.68 (02)	70.16 (02)	(+)1.48	No Change
Banaras Hindu University	64.55 (03)	63.15 (03)	(-)1.40	No Change
Tezpur University	48.47 (29)	48.77 (39)	(+)0.30	(-)10
North Eastern Hill University	45.99 (39)	46.88 (49)	(+)0.89	(-)10
Mizoram University	40.27 (76)	43.49 (67)	(+)3.52	(+)09

## 5. Analysis of the Data

- (a) It has been observed that cut-off mark for getting a position among top 100 universities is increased by 1.26.
- (b) Rajiv Gandhi University fails to increase its score. That is the reason for the university could not secure a position among the top 100 universities.
- (c) Under this ranking criterion, The CARE list is a major hurdle for most of the Government funded universities as CARE list journals (except group – A) are not taken in to consideration while evaluating the research and publication score. However, due to UGC guideline, universities are bound to accept those journals for CAS promotion/research degree.
- (d) Outreach and inclusiveness is measured in terms of students admitted from other states/country and different social background. There is no consideration of various outreach activities conducted by the universities.

## 6. Areas that Need Immediate Attention

- (a) List of ongoing/completed project should be periodically updated in the university website. Report of all the workshop/conference organized and the exceptional academic achievement should be uploaded in the University website.
- (b) Financial Resources and their Utilisation (FRU): It depends on three parameters – Per student expenditure (which is again biased towards bigger University), Capital expenditure (Excluding expenditure of building) and Operational expenditure. The ideal condition is 25% capital expenditure (CAEX) and 75% operational expenditure (OPEX). Attempt should be made to bring the expenditure closure to this ratio.

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- (c) To increase visibility of the university, a mailing list of VCs, Registrars and reputed Professors should be created. E-brochures of selective (high quality) workshop/conference and other programmes organized by the university should be sent to all the receipts of this list.
- (d) Funding for attending conference/seminar/workshop should be given only if the proceeding of the Conference/Workshop is indexed in Scopus or WoS. It may be implemented with immediate effect.
- (e) While organizing conference with University funding, it should be ensured that the proceeding is indexed in Scopus and/or WoS. Initially it may decrease the number of Conferences organized by the university. However, in long run it will help the university.

## **7. Areas that Need Long-term Planning for Improvement**

### **7.1 Placement and higher Education**

In the present ranking, this parameter is not taken into consideration due to the difficulty in verifying it. However, in near future it may be taken into consideration. Therefore, attempt should be made to improve the campus placement scenario of the University.

### **7.2 Research and Professional Practices**

This area need long-term planning for improvement. The University may initially publish a subject-wise list of journals (a sub-list of UGC journal list having only journals with Scopus and WoS indexing). An advisory may be issued to the faculty members to consider only journals from the University journal list to publish their research articles. A cut-off date may be given well in advanced (At least one (01) year time from the date of publishing the journal list) for full implementation of this journal list. All publications after that cut-off date should be from the University Journal list, otherwise they should not be considered for API calculation in CAS promotion and Ph.D award.

The University may explore the possibility of appointing a professional patent consultant/patent consultancy firm to advise and guide the faculty members for filling patent in a regular basis.

## **8. Review as per The Tripartite MoU**

### **1. Access: Annual Student Intake**

- University has a policy of increasing student intake capacity in different programmes progressively by at least 10 % every year.
- The university has added 8 more programs (five departments under Agricultural Sciences, Statistics, Food Processing and Law) from the academic session 2020-21 with intake capacity of 170 seats.

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## **2. Equity and Diversity**

- University always has a very good strength of girl students. 47 % of the students admitted in the academic session 2019-20 are females.
- University will try to increase the number of female students further through provision of additional hostels for girls and improvement of other basic facilities.
- University is also actively considering separate reservation policy for girl students.
- University has decided to increase the number of entrance test centres at multiple location within and outside the state for the ease of students.
- University has set up International Scholars' Cell to attract international students.

## **3. Strengthening Faculty**

- University intends to improve the teaching position by seeking additional posts in order to achieve optimal students-teacher ratio.
- University has already submitted proposal for additional teaching positions for the Departments/Institutes where student-teacher ratio is below the prescribed norm.
- The university has already advertised and recruitment is expected to be completed by end of 2020 (*the process got delayed due to the COVID 19 pandemic*).
- University has a policy of inviting foreign faculty members as visiting professors in different subject areas on a short-term basis. Two visiting faculties from Germany will join us soon (*joining got delayed due to travel restrictions due to the COVID 19 pandemic*)
- University is in the process of signing MoU with different national / international / academic institutions / research institution to facilitate faculty exchange.

## **4. Academic Outcomes**

- Placement Cell of RGU is actively working in this direction. It has prepared a placement brochure for the placement of the final semester students.
- University placement cell has registered with Triage for availing student's placement in different organisation.
- The Placement Cell has signed an MoU with VSS Tech Solution Pvt. (Jeevitam) for digital campus placement.

- Through Career Counselling Cell, University is helping its students to redefine their passion in their career, develop essential employability skills and strategies and to understand different competitive examination related to job opportunities in current market scenario.
- Through NET Coaching Centre, University is providing special assistance to the economically and socially disadvantaged (SC/ST/OBC-NCL/EWS etc.) students through dedicated counselling system for various competitive examinations such as CSIR-UGC NET, civil service, SSC etc.

## **5. Research**

- University encourages its teachers through various quality assessment programmes conducted by IQAC to publish their research paper in UGC Care List Journals. IQAC conducted a 5-Day capacity building programme on “Approaches for Quality Research Paper Writing in High Impact Factor Journals” from 2-6 September 2020.
- University has initiated steps to provide incentives to teachers to encourage them to publish in UGC-CARE journals.

## **6. Amount of Research Grant**

- Rajiv Gandhi University received a grant of Rs. 2.5 Crore from NITI Aayog to set up Atal Community Incubation Centre (ACIC) to augment entrepreneurial acumen and building capacity of the unemployed youths.
- RGU received a grant of 1.1 Crore from Department of Social Justice & Empowerment and Tribal Affairs, Govt. of Arunachal Pradesh in May 2020.
- Faculty members received several extra mural projects from various funding agencies in 2020-21.

## **7. Patents**

- No patent has yet been filed since April 2020.
- University has an IPR Cell to encourage and facilitate filing of patents.
- Sensitization of faculty members for filling more patents will be done.

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## **8. Co-and Extracurricular Activities**

- To further augment the activities, University has set up a mechanism to grant seed money to University stakeholders for more planned, effective and meaningful outcome.
- Through its Departments/Cells/Units, University is taking initiatives to conduct more such activities in 2020-21.

## **9. Governance**

- Rajiv Gandhi University has already started its classes for the intermediate semester students through online mode.
- The admission for 1st semester students of undergraduate programs is in progress and will be completed by 25th September of this month.
- The examination for the terminal semester students will be started from 14th September, 2020.
- University is actively working to introduce SWAYAM MOOC online courses in course curriculum. 20 % of the total student strength are already enrolled and pursuing MOOC courses offered in SWAYAM platform.
- The university in its 28<sup>th</sup> Academic council meeting held on 24<sup>th</sup> June 2020 resolved to introduce 20% to 40% mandatory SWAYAM MOOC course in all the postgraduate curriculums.
- From the academic session 2020-21, 100% of the postgraduate students of the University will mandatorily enroll to the SWAYAM MOOC courses.
- During the Covid-19 lockdown period, 100% of the faculty members and nearly 90% of the students used the digital media for continuing their teaching-learning process.
- University is in the process of augmenting its IT infrastructure for promotion of online education through installation of Smart Classroom in every department.
- University is preparing to adopt LMS to facilitate online learning for students so that teaching- learning process may continue uninterrupted.

## **10. Ranking**

- The University has taken various steps to improve its NIRF Ranking.
- So far University has not applied for ranking in Times Higher Education (THE)/ QS World/BRICS/Asia Ranking.

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- University has submitted IIQA (approved on 16 March 2020) for 3rd cycle of Accreditation. University is preparing SSR for the NAAC accreditation.

## **11. Contribution to Local Society**

- University contributes actively through various activities pertaining to social, environmental, health and other relevant issues of the local society.
- University has already adopted 7(seven) villages in the state. RGU is planning to adopt a few more in 2020-21.
- In 2019-20, RGU adopted 2 (two) schools for mentoring for their overall development. We intend to adopt a few more schools during 2020- 21.

## **12. Participation Government Campaigns**

- University is taking initiative to organize a number of programmes under the auspices of *Unnat Bharat Abhiyan*.
- Through *Ek Bharat Shreshtha Bharat*, University has already conducted/participated in 3 (three) programmes with partner universities Banaras Hindu University and Aligarh Muslim University. We have **already achieved 60 % of the target** for the year 2020-21 till date.
- University is conducting series of programmes under Fit India Movement Campaign from 15th August – 2 October 2020. University organized ‘Freedom Run’ on National Sports Day under the Fit India Programme. Besides these, 2 (two) online programmes have been conducted. We have **already achieved 50 % of the target** for the year 2020-21 till date.
- Under the *Swacch Bharat Abhiyan*, University has is planning to conduct several programmes and has declared and notified the campus as ‘Plastic-free Campus’.
- University campus has also been declared as Open Defecation Free (ODF) area and tobacco free zone.

## **13. Steps taken to Improve Health Facilities**

- University has recently augmented its infrastructure facility for various serological and pathological testing through installation of advanced diagnostic tools/machineries. We intend to further enhance the facilities of our Health Centre in 2020-21.

- The dedicated counselling cell of the University has organized 4 webinars on Mental Health and Well-being of students during the Covid-19 lockdown period. A good number of students participated in the programs.
- University has made special provision for emergency counselling of the students through dedicated 24x7 helpline number.

#### **14. Disaster Management capacity Building**

- In view of the COVID 19 pandemic, 1 (one) capacity building programme was organized to mitigate and prepare the University from such kind of disasters while maintaining the competitive edge of the University.

#### **15. Status of Statutory Positions**

- Interview for the vacant statutory positions were held in the 1st week of August 2020, except for the Librarian all other positions are filled-up.

## **9. Research Activities Review**

- To promote research at departmental level, adequate facilities are provided as per the requirement of the Departments to create an environment conducive for research and innovation
- The University has signed several MoUs specifically for research & development with national and international institutes/universities to encourage faculty members to submit collaborative research proposals
- The University has an innovation club for promoting grass root level innovation amongst all the stakeholders
- The University strictly adheres to intellectual property rights through its IPR Cell.
- The University conducts national and international seminars/conferences/ workshops etc. for exchange of ideas in frontiers areas of research & innovation
- Rajiv Gandhi University is one of the few universities in India which started an interdisciplinary research on tribal studies by establishing Arunachal Institute of Tribal Studies (AITS).
- Rajiv Gandhi University received a grant of Rs. 2.5 Crore from NITI Aayog to set up Atal Community Incubation Centre (ACIC) to augment entrepreneurial acumen and building capacity of the unemployed youths.

- RGU received a grant of 1.1 Crore from Department of Social Justice & Empowerment and Tribal Affairs, Govt. of Arunachal Pradesh in May 2020.
- University executed 2 (two) phases of UGC funded project on Biodiversity under the scheme of Centre with Potential for Excellence (CPE) from 2003-2018 (Amount: 10.0 Crore). Approval for the third phase is still awaited.
- First Human Development Report of Arunachal Pradesh, 2005 for Govt. of India was prepared by the University (RGU was the first ever University in India to prepare the HDR for a State).
- University has set up a Centre for Developmental Research from a grant of 10.0 Crores received from Ministry of Finance, Govt. of India.
- UGC granted a Center for Endangered Language for documentation and preservation of critically endangered tribal languages of Arunachal Pradesh (Amount: 1.80 Crore).
- In 2016, University received a grant from Indo-U.S. 21st Century Knowledge Initiative Awards in Collaboration with University of South Florida, USA (Amount: 1.3 Crore)
- So far 50 indigenously cultivated rice verities have been validated and analyzed for genetic variation among the available cultivars prior to conservation.
- Improved method for rice fish farming at high altitudes of Arunachal Pradesh.
- Innovative refinement of integrated poultry-fish farming for the foothill regions.
- Alternative substrate and techniques for commercial production of edible mushroom in Arunachal Pradesh.
- The outcomes of these research projects will have immense impacts on global population.