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# RoleofAccreditation and Rankingin Academic Institution Development

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#### **Abstract**

The accreditations and rankings like NBA, NAAC, and NIRF play a crucial role in educational institutions to know and push the institutions to meet and maintain the outcome-based education standards

byensuringcompliancereportsofaccreditationbodiesandrankinginstitutions. Therankingsandaccreditations not only helps in the development of academic institutions. But also helps the stakeholderin choosing the good institution among IITs, NITs, IIITs, central universities, state universities, autonomous and non-autonomous institutions with the help of their accreditations cores and rankings.

**KEYWORDS:** Accreditation, Outcome-based education, NBA (National Board of Accreditation), NAAC(NationalAssessmentandAccreditationCouncil),NIRF(NationalInstitutionalRankingFramework)

#### 1. Introduction

Indian higher education system is one of the best education systems in the world and it's well-knownthat India was the hub for quality education. This is possible due to maintaining outcome-basededucation standards in higher educational institutions. Quality education plays an important role increatingmanyjobs,therebyhelpingeconomicallyunderprivilegedgroupsuplift.

Now adays, most of us have smartphones through which we can access the institution's details from every nook and corner of the country. The accreditations and rankings bodies like NBA, NAAC, and NIRF rank/rate the institutions based on the specific parameters which will play important roles in student's life and institution growth.

Classification of Accreditations and Rankings: The accreditations and Rankings are classified into two categories 1. Institutional Level Rankings and Accreditations 2. Department level Accreditations

Some of the parameters taken into consideration for ranking the academic institutions by the rankingbodiesareasfollows:

# 1. National BoardofAccreditation(NBA)

**Vision Mission and Program Educational Objectives:** A systematic procedure should be followedfor defining vision, mission, and program educational objectives and should be disseminated among the stakeholders.

**Program Curriculum and Teaching-Learning Process:** It is based on the curriculum structure anddevelopmentandtheprocessfollowedtoimprovethequalityofteachingandlearning. The student's performance is evaluated through, internal and external theory & labs, projects, and internships through which PO&PEO attainment is calculated for refining curriculum and improving the quality of teaching and learning based on the attainment.

**Course outcomes and Program-outcomes**: Course outcomes are achieved through core-course and contribute to the overall attainment of program outcomes. The competencies and expertise of graduated students will be measured through program outcomes.

**Students Performance:** It is based on the enrolment ratio, success rate of the students in thestipulated time, academic performance, placement and, higher studies, etc.

**Faculty Information and Contributions:** The faculty qualifications, experience, student-facultyratio, faculty retention, faculty innovation in teaching-learning, research & development playsimportantrole

**Facilities and Technical Support:** In any educational institutions laboratories, laboratories maintenance, technical manpower and safety measures followed in the laboratories are important.

**Continuous Improvement**: To improve academics continues academic audit need to take placetherebyimprovingtheentrepreneurship,academic,placementsandhigherstudies.

**First Year Academics:** The attainment of course-outcomes and program-outcomes through the firstyearcommoncoursesandfirstyearfaculty-studentratioandtheirqualifications.

**Students Support System:** Student support system is a facility to make students learning processeasierandinterestingforthelearner

Governance, Institutional Support, and Financial Resources: The governance and transparency, budget program specific and institutional, budget allocation and their utilization plays a key role in the institutional development.

## 2. National Assessment and Accreditation Council (NAAC)

Curriculum Aspects:

Includescurriculumdesign&development,curriculumplanningandimplementation,academicflexi bility, curriculumenrichmentand feedback system.

**Teaching-Learning and Evaluation:** Students enrolment and profile, student's diversity, teaching-learningprocess, faculty profile and quality, students process and reforms, students' performance and earning outcomes and students satisfaction

**Research,Innovation,andExtension**:Promotionofresearchandfacilities,researchresourcemobilizatio n,innovationecosystem,researchpublicationandawards,consultancy,extensionactivitiesandcollaborations.

**InfrastructureandLearningResources:**Physicalfacilities,libraryaslearningresources,ITinfrastructure andmaintenanceofcampusinfrastructure.

StudentsSupport and Progression: student support, progression, a lumnieng agement and student participation activities.

## Governance, Leadership,

**andManagement**:InstitutionalVisionandLeadership,strategydevelopmentanddeployment,facult yempowerment,financialmanagement&resourcemobilizationandinternalqualityassurance.

In stitutional Values and Best Practices: In stitutional values and social responsibilities, best practices, and in stitutional distinctiveness.

## 3. NationalInstitutionalRankingFramework(NIRF)

**Teaching-Learning and Resources**: Students strength including doctoral students, Faculty studentratio, faculty with PhDs and experience, financial resources and their utilization.

**ResearchandProfessionalPractice**: Publications, quality publications IPR&patents-published and granted, footprint of projects and professional practice

**GraduationOutcomes**:Itfocuses onthe, university examination results, placements and higher studies, medians alary of placed students and no of PhD students graduated.

**OutreachandInclusivity**:RegionDiversity,womendiversitybothstudentsandfaculty,supportto economically/Socially challenged students and facilities provided for physically challengedstudents

 $\label{lem:problem} \textbf{Perception:} Its basically from the employees and a cade microeers.$ 

Based on the above par meters/criteria's the institutions are evaluated and ranked/accredited theinstitutions/departments.

The analysis is done by considering the NIRF2022 rankings of top 10 institutions is as follows.

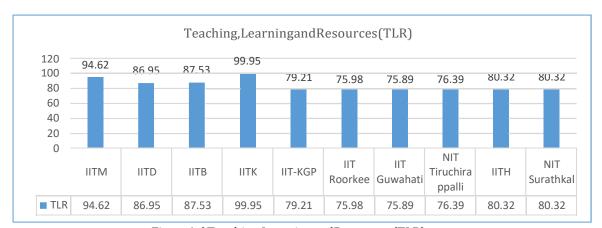


Figure 1a) Teaching, Learning and Resources (TLR)

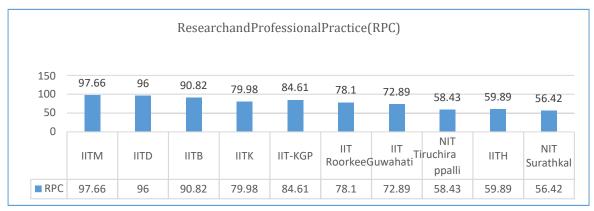


Figure1b)ResearchandProfessionalPractice(RPC)

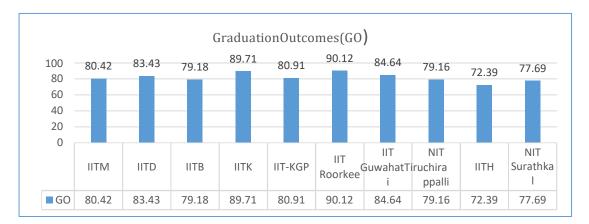


Figure c)Graduation Outcomes(GO)

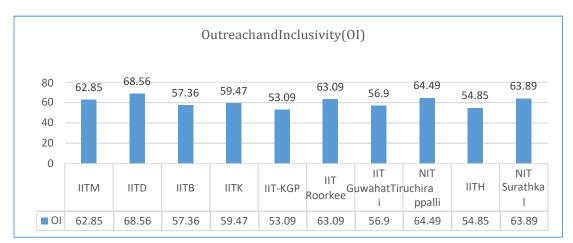


Figure1d)OutreachandInclusivity(OI)

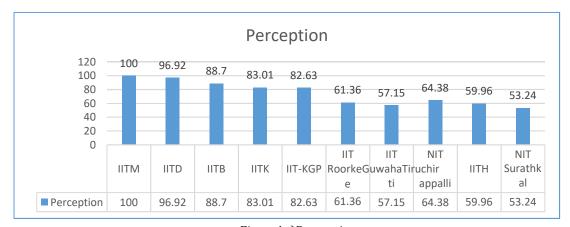


Figure1e)Perception

# 4. Analysis of NIRFRankings

The ranking analysis helps the institute to know how the institution is performing in the core areaslike 1. Teaching, Learning and Resources (TLP) 2. Research and Professional Practice (RP) 3. Graduation Outcomes (GO) 4. Outreach and Inclusivity (OI) 5. Perception. Based on the rank of National Institutional Ranking Framework (NIRF), the institute can plan and improve in the areas in which it need to be improved.

As per NIRF 2022 ranking the top 10 institutions are 1. IITM 2. IITD 3. IITB 4. IITK 5. IITKGP 6. IITRoorkee7.IITGuwahati8.NITTiruchirappalli9.IITHand10.NITSurathkal.However,noinstitutionisret ainedtheirpositioninallfiveparameters. The strengths of the institution are clearly shown in figure 1a figure 1e in terms of TLR, RPC, GO, OI and Perception. It is clearly indicating that the strength of each institution varying as shown in figure 1a - figure 1e. It's alsoobserved that the TLR, RPC, GO, OI and Perception scores changing year by year. However, fewinstitutions are retaining their ranks in the same positions. Likewise, the NBA and NAAC is alsoevaluates theinstitutions basedon the parameters/criteria'sof **NBA** and NAAC respectively. The NBA and NAAC peer team will visit the institutions and evaluate the institutions based on the data submitted in the content of the conted.Duringtheirvisittotheinstitutionsthepeerteamwillidentifyandprepareareport on the strengths and weakness institution, and end of their visit report behandovertotheheadoftheinstitutionwhichwillhelptheinstitutiontodevelopupon.



Figure 2) NIRF 2022 Ranking Analysis of Top 10 Institutions

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#### 5. Conclusion

In National Institutional Ranking Framework (NIRF) there are five parameters i. e TLP, RPC, GO,OI and perception. Each parameter is evaluated for 100 marks and each parameter is givenweightage like TLP = 0.3, RPC = 0.3, GO = 0.2, OI = 0.1. Based on the some of the scores of thesefive parameters ranks are allocated. It observed that an institution need not to score top in allparameters. Because the ranks are allocated based on some of all five parameters. However, itsequally important to score reasonably good in all parameters to be one of the top institutions. MoreimportantlyinTLP,RPCandGOneedtobeperformedextremelygoodtobeinthetopinstitutions.

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