Faculty Development Programme Report –
"QUALITY ENHANCEMENT FOR NIRF RANKING"

Held By: INTERNAL QUALITY ASSURANCE CELL
Date: 19.12.2024
Day: Thursday
Venue: IQAC
Time: 10:30AM-11:30AM
Participants: Principal Dr. S. Kalapana, Special Officer Dr. R. Madhavi, the members of IQAC, NIRF, and HODs from all departments attended the programme.
Resource Person: Dr. M. Rama Krishna,
Dean, IQAC,
Vignan's Foundation for Science, Technology& Research
(Deemed to be University), Guntur.

INVITATION:

SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA : VIJAYAWADA
(An Autonomous College in the jurisdiction of Krishna University, Machilipatnam)
Re-Accredited at A++ Grade by NAAC.
(Sponsors: SIDDHARTHA ACADEMY OF GENERAL AND TECHNICAL EDUCATION)

Faculty Development Programme
on
QUALITY ENHANCEMENT FOR NIRF RANKING

Organized
by
INTERNAL QUALITY ASSURANCE CELL

Resource Person
Dr. M. RAMA KRISHNA
Dean IQAC,
Vignan's Foundation for Science,
Technology & Research (Deemed to be University),
GUNTUR.

Date: 19-12-2024 (Thursday)
Time: 10.30 A.M. – 11.30 A.M.
VENUE: Webinar Hall
S.D.M. Siddhartha Mahila Kalasala, Vijayawada-10

Dr. MOHANA RUPA SVD
CO-ORDINATOR, IQAC

Dr. R. MADHAVI
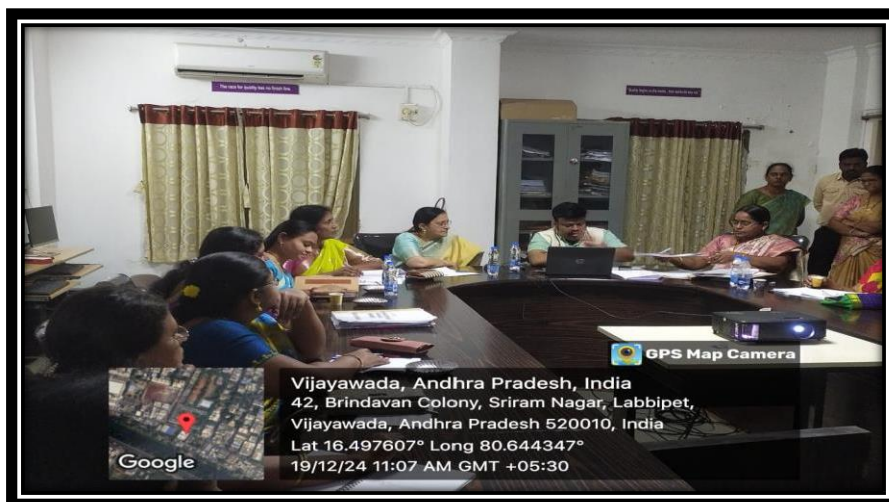SPECIAL OFFICER

Dr. S. KALPANA
PRINCIPAL

OBJECTIVE:

- ✓ To equip faculty members with strategies and best practices for improving institutional performance across key NIRF parameters such as teaching, learning, research, and outreach.
- ✓ To enhance faculty understanding of data collection, documentation, and evidence-based reporting, contributing to transparent and effective submission processes for higher NIRF rankings.

BIO-DATA OF RESOURCE PERSON

- ➢ Dr.Ramakrishna graduated in Mechanical Engineering from V.R.Siddhartha Engineering College.
- ➢ He is the man from IITs, Masters from IIT Delhi and Doctoral Degree (PhD) from IIT Roorkee. The outcome from PhD: Technology Transfer by Uttarakhand Govt. in collaboration with IIT Roorkee, for creating employment in the Uttarakhand Himalayan Region.
- ➢ He started his career with industrial experience in Production Department, in the Jindal saw Pipes Division, Nasik.
- ➢ Dr.M.Ramakrishna served as Principal for The Vazir Sultan Engineering College, Khammam, and Nannapaneni Venkat Rao College of Engineering & Technology, Tenali, Guntur Dist .
- ➢ His administrative abilities are well recognised and promoted him as Dean, Internal Quality Assurance Cell (IQAC) 2016 – till date. Dean, School of Core Engineering Vignan's Foundation for Science, Technology and Research (Deemed to be University), Vadlamu di May 2022 till date.
- ➢ Dr.M.Ramakrishna escalated VIGNAN University to next level by attaining prestigious accreditations and rankings both at national and international level.
- ➢ He served as ¬ Chief Coordinator: ABET Accreditation ¬ Chief Coordinator: QS-I GAUGE Accreditation ¬ Chief Coordinator: NBA Tier 1 Accreditation ¬ Chief Coordinator NAAC Accreditation-Cycle II ¬ Nodal officer: UGC expert committee visit 2017 & 18 ¬ Chief Coordinator: UGC 12(B) ¬ AICTE approval process, NIRF, India Today, i3RC Times, R world ranking, Career 360, ARIIA Rankings, HANSA-The Week Survey 2018-93, 2020-23,2021-25 ¬ Visited Nanyang Technological University (NTU), Singapore ¬ Chairman-Green Audit, Safety Audit, Environmental Audit of University. ¬ IAO accreditation (International accreditation organization) ¬ International rankings such as THE, QS- i gauge ¬ Times Higher Education ¬ Participation in OBE Ranking-2021 ¬ Participation in Career 360 ¬ UI Ranking for 2022
- ➢ Apart from all these Dr.M.Ramakrishna is recognized as NAAC assessor which is an acknowledgement.
- ➢ Dr.M.Ramakrishna guided 7 PhDs, published 55 peer reviewed articles with 1125 citations in reputed journals. Two patents are published.
- ➢ Dr.M.Ramakrishna also served as Professor & Head of Department of Mech.Engg from 2014 to 2018, Vignan University, Guntur,A.P.
- ➢ Dr.M.Ramakrishna has more than 20 years of teaching and industrial experience
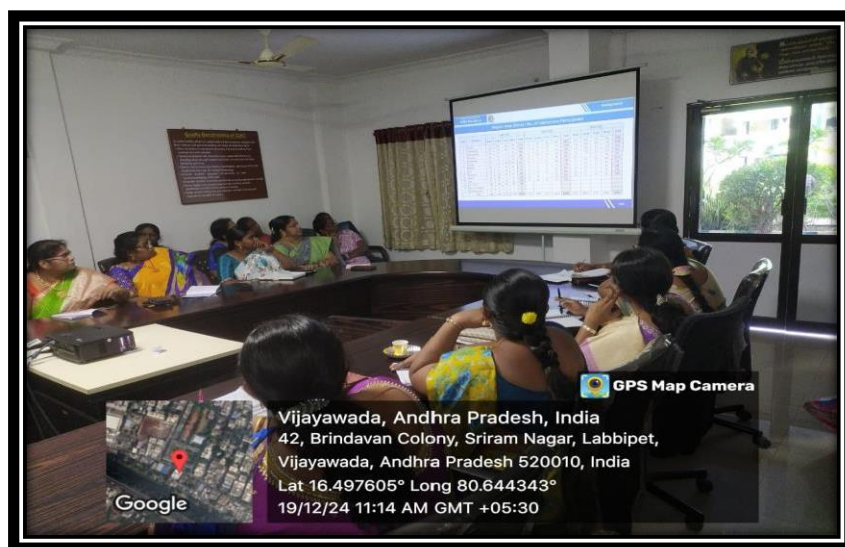
DESCRIPTION:

The faculty development program on Quality Enhancement for NIRF Ranking provided valuable insights into improving institutional performance in the ranking system.

- ❖ The Resource Person provided an in- depth understanding of the parameters and metrics involved in the NIRF ranking system.
- ❖ The resource person, Mr. Rama Krishna emphasized the importance of analysing each metric to identify areas where institutions can improve and score higher.
- ❖ Additionally, he highlighted the need to pinpoint specific areas where the institution is lagging and suggested strategies to address these gaps effectively.

❖ The speaker also emphasized the critical role of the student-teacher ratio and student strength, highlighting the importance of maximizing admissions within the college's intake capacity.

❖ He stressed the need to increase the number of PhD-qualified faculty members and outlined how the range and depth of teachers' experience are significant factors considered in NIRF rankings.

❖ Furthermore, the speaker underscored the importance of research publications, particularly those indexed in the Scopus database and those contributing to a high H-index.

- ❖ He also explained the importance of infrastructure development and introduced the idea of leasing computers instead of outright purchases, highlighting how this approach positively impacts NIRF scores.
- ❖ He encouraged analysing the strategies employed by top-ranking colleges, using them as benchmarks for improvement.
- ❖ The speaker also stressed the value of collaboration with high-ranking institutions by fostering mutual visits, seeking their suggestions, and obtaining guidance to enhance the quality and ranking of the college. This collaborative approach, coupled with strategic planning, was presented as a pathway to significant improvements in NIRF rankings.

OUTCOME:

- ✓ Faculty members will develop actionable insights and implementable strategies to improve their institution's performance in key areas like research output, faculty-student ratio, and academic reputation, directly contributing to enhanced NIRF rankings.
- ✓ Participants will be able to streamline data management and reporting processes, ensuring accurate and comprehensive documentation aligned with NIRF criteria, leading to more competitive submissions.

ATTENDANCE: All Criterion Convenors and Heads of the Departments have attended the session.

FEEDBACK:

1. Resorce Person provided valuable insights on parameters and metrics in NIRF ranking with clear cut analysis and calculation process for the improvement in NIRF Ranking- Dr. MohanaRupa.SVD, Department of Mathematics.

2. In depth explanation of 14 Parameters was very valuable- Ms. D.Aruna, HoD, Economics.

3. Research and analysis of ranked colleges was clearly explained- Ms. A.Annapurna, Dept.of Food Science & Technology.

Presentation by Resource Person: