



RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

INTERNAL QUALITY ASSURANCE CELL (IQAC)

ANNUAL REPORT (2021-22)

Internal Quality Assurance Cell (IQAC) committee meeting was held twice in the academic year 2021-22.

Odd semester meeting: 16 July 2021 (online)

Even semester meeting: 9 March 2022 (online)

Academic and administrative audit was conducted for the academic year 2021-22 on 27th August 2022.

The following is the summary of various activities planned and executed for the academic year 2021-22:

For odd semester, second, third and final year engineering sessions reopened on 16.8.21. First year initiation day was conducted on 25.10.21 with orientation programs covering code of conduct, regulation overview, introduction of seniors and committees like anti-ragging, grievance redressal, universal human values and various clubs for co-curricular and extra-curricular activities. PG initiation day was conducted on 1.2.22 for M.E and on 17.11.21 for MBA Programmes. For even semester, the college reopened on 8.2.21.

Faculty Preparation Program (FPP) for odd and even semesters are done before the start of respective semesters.

Accreditations & Ranking:

The departments of Aeronautical engineering, Automobile engineering, Biomedical engineering, Biotechnology (UG & PG), Computer Science engineering, Civil engineering, Electronics and communication engineering, Electrical and Electronics engineering, Information technology, Mechanical engineering and Mechatronics have been reaccredited by NBA for 3 years upto 2024-25 with high scores.

Our college participated in NIRF and secured 95th rank.

Research and Development Activities:

- 272 number of research papers are published in Scopus, SCI and UGC Care journals. 68 book chapters / books have been published.
- 11 research grants were sanctioned for Rs. 71.45 Lakhs by TNSCST, Aeronautics R&D board, ARDB-DRDO, DRDO, DAE-BRNS, DST- TIDE, CARS, IEI etc

Consultancy :

Consultancy services generated a fund of Rs. 13.3 lakhs this year

NPTEL:

- REC Local chapter got A certificate from NPTEL Swayam based on the performance in NPTEL online certification courses.
- Results :

Enrollment	: 6454
Exam Registration	: 874
NPTEL toppers	: 27
Elite with gold	: 14
Elite with silver	: 106
Elite	: 246
Total Certifications	: 543

FDP /Professional Development Programmes & Training:

- 184 faculty attended FDP more than 5 days.
- 36 FDPs / PDPs / internal training were conducted at REC for the benefit and upskilling of teaching and non-teaching members.
- 103 Faculty received financial support for attending FDPs/Conferences.

MoUs signed:

- For collaboration and interaction with organisations, 10 MoUs were signed

Placements :

- 1030 students are placed in 322 companies for the year 2021-22
- Total offers were 2050+

IQAC Activities:

IQAC was active this year and they conducted webinars, seminars, orientation programmes and workshops for enhancing the quality of the faculty. The following are the activities conducted by IQAC in 2021-22.

- Webinar on Opportunity for autonomous colleges in NEP 2020 on 10-06-2021

- Webinar on Student support systems and practices (AICTE Margdarshan) on 21-07-2021
- Webinar on Stress Management (AICTE Margdarshan) on 26-07-2021
- New Faculty orientation on OBE on 28-07-2022
- NAAC sponsored One-day ONLINE Seminar on“Qualitative and Quantitative Metrics in RAAF of NAAC” on 17-09-2021
- Orientation programme on CO, PO mapping and calculation on 22-09-2022
- FDP on Open Educational Resources on 05-10-2021
- FDP on Preparing PQ and SAR for NBA Accreditation from 13-12-2021 to 18-12-2021
- Workshop on Achievement of COs & POs in OBE on 04-03-2022
- Workshop on Course files and CO attainment on 27-05-2022



IQAC Coordinator
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INTERNAL QUALITY ASSURANCE CELL (IQAC)

ANNUAL REPORT (2020-21)

Internal Quality Assurance Cell (IQAC) committee meeting was held twice in the academic year 2020-21.

Odd semester meeting: 26 August 2020 (online)

Even semester meeting: 6 January 2021 (online)

Academic and administrative audit was conducted for the academic year 2020-21 on 12th January 2022.

The following is the summary of various activities planned and executed for the academic year 2020-21:

For odd semester, second, third and final year engineering sessions reopened on 12.8.20. First year initiation day was conducted on 19.11.20 with orientation programs covering code of conduct, regulation overview, introduction of seniors and committees like anti-ragging, grievance redressal, universal human values and various clubs for co-curricular and extra-curricular activities. PG initiation day was conducted on 30.12.20. For even semester, the college reopened on 9-12.19.

Faculty Preparation Program (FPP) for odd and even semesters are done before the start of respective semesters.

Achievements:

The departments of Aeronautical engineering, Automobile engineering, Biomedical engineering, Biotechnology (UG & PG), Computer Science engineering, Civil engineering, Electronics and communication engineering, Electrical and Electronics engineering, Information technology and Mechanical engineering have been accredited by NBA.

Our college participated in NIRF and secured 110th rank in Engineering and Technology.

Research and Development Activities:

- 304 research papers are published in Scopus, SCI and UGC Care journals. 54 book chapters / books have been published.
- 5 research grants with a sanction of Rs.21,58,000 were received from DST-SERB ECRA, BDTD, DST TDT, PALS IITM and CARS

Consultancy :

A revenue of Rs. 7,45,000 was generated through consultancy activities in 2020-21

NPTEL:

- REC Local chapter got A certificate from NPTEL Swayam based on the performance in NPTEL online certification courses.
- Enrolled : 4305
- Registered : 427
- NPTEL toppers : 24
- Elite with gold : 14
- Elite with silver : 64
- Elite : 127
- Total Certifications : 275

FDP / Professional Development Programs & Training:

- 242 faculty members attended FDP for more than 5 days.
- 45 FDPs / PDPs / internal training were conducted at REC for the benefit and upskilling of teaching and non-teaching members.
- Financial support was provided to 242 faculty members for attending FDPs/Conferences.

Placement:

- 871 students are placed through placement drive from 233 companies with 1508 offers this year

IQAC Activities:

IQAC was active this year and they conducted webinars, seminars, orientation programmes and workshops for enhancing the quality of the faculty. The following are the activities conducted by IQAC in 2020-21.

- Webinar on Significance of course files and how to use it for PDCA in OBE (AICTE Margdarshan) on 04-06-2020
- Webinar on Direct & Indirect measures of assessment for attainment of COs & POs (AICTE Margdarshan) on 08-06-2020
- Webinar on Faculty role in SAR (AICTE Margdarshan) on 10-06-2020

- Webinar on How to write and publish a good technical paper (AICTE Margdarshan) on 12-06-2020
- Workshop on How teachers can make a difference - IITM TLC (AICTE Margdarshan) from 15-06-2020 to 19-06-2020
- Workshop on 7 QC tools for Educational Excellence (AICTE Margdarshan) from 22-06-2020 to 26-06-2020
- Online webinar on Guided walkthrough to NBA SAR (AICTE Margdarshan) from 27-07-2020 to 01-08-2020
- Webinar on Quality of assessments and projects for NBA (AICTE Margdarshan) from 16-11-2020 to 21-11-2020
- Seminar on Role of HEIs in implementing NEP 2020 & Orientation for NBA Accreditation in Tier I category on 24-03-2021


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INTERNAL QUALITY ASSURANCE CELL (IQAC)

ANNUAL REPORT (2019-20)

Internal Quality Assurance Cell (IQAC) committee meeting was held thrice in the academic year 2019-20.

Odd semester meeting: 10 July 2019, 13 November 2019

Even semester meeting: 26 February 2020

Academic and administrative audit was conducted for the academic year 2019-20 on 30th November 2020.

The following is the summary of various activities planned and executed for the academic year 2019-20:

For odd semester, second, third and final year engineering sessions reopened on 12.6.19. First year initiation day was conducted on 7.8.18 with orientation programs covering code of conduct, regulation overview, introduction of seniors and committees like anti-ragging, grievance redressal, universal human values and various clubs for co-curricular and extra-curricular activities. PG initiation day was conducted on 10.9.19. For even semester, the college reopened on 9-12.19.

Faculty Preparation Program (FPP) for odd and even semesters are done before the start of respective semesters.

Ranking:

Our college participated in NIRF and secured 106th rank in Engineering and Technology.

B.E Civil Engg, B.E. ECE and M.Tech BioTech were accredited by NBA for 3 years

Research and Development Activities:

- 205 research papers are published in Scopus, SCI and UGC Care journals. 25 book chapters / books have been published.

- 12 research grants for Rs. 3,76,73,000 (3.76 crores) were received from funding agencies DAE-BRNs, AICTE MODROB, DST TIDE, BDTD, DST-TDT, AICTE-RPS, DST-SERB ECRA, DRDO NRB, DRDO

Consultancy :

Rs. 3,29,000 was received through consultancy activities in the institution.

NPTEL:

- REC Local chapter got A certificate from NPTEL Swayam based on the performance in NPTEL online certification courses.
 - Number enrolled : 6162
 - Number Registered : 892
 - Number of NPTEL toppers : 20
 - Number of Elite with gold : 16
 - Number of Elite with silver : 67
 - Number of Elite : 103
 - Total Certifications : 692

FDP /Professional Development Programmes & Training:

- 157 faculty attended FDP more than 5 days.
- 34 FDPs / PDPs / internal training were conducted at REC for the benefit and upskilling of teaching and non-teaching members.
- 101 Faculty received financial support from college for attending FDPs/Conferences

Placement & Training activities:

795 students are placed through placement drive in which 267 companies participated for the year 2019-20 with 1319 offers

MoUs :

Under AICTE Margdarshan scheme, MoUs were signed with 12 colleges

IQAC Activities:

IQAC was active this year and they conducted webinars, seminars, orientation programmes and workshops for enhancing the quality of the faculty. The following are the activities conducted by IQAC in 2019-20.

- FDP on Research Methodology and IPR on 30-11-2019
- Inauguration & exchange of MoUs for Share And Mentor Institutions (Margdarshan) under the guidance of MHRD & AICTE was held on 30th November 2019 with Dr. M.P. Poonia, Vice Chairman, AICTE as the Chief Guest to inaugurate the AICTE Margdarshan scheme.
- Fdp on Outcome Based Education (AICTE Margdarshan) from 16-12-2019 to 21-12-2019
- FDP on Workplace Communication skills from 16-04-2020 to 29-04-2020
- Orientation Programme on Paradigm Shift in Education by Live Life Education on 04-05-2020


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INTERNAL QUALITY ASSURANCE CELL (IQAC)

ANNUAL REPORT (2018-19)

Internal Quality Assurance Cell (IQAC) committee meeting was held twice in both odd and even semester in the academic year 2018-19.

Odd semester meeting: 19 July 2018, 30 October 2018

Even semester meeting: 24 January 2019, 16 April 2019

Academic and administrative audit was conducted for the academic year 2018-19 on 8th November 2019.

The following is the summary of various activities planned and executed for the academic year 2018-19:

For odd semester, second, third and final year engineering sessions reopened on 22.6.18. First year initiation day was conducted on 29.8.18 with orientation programs covering code of conduct, regulation overview, introduction of seniors and committees like anti-ragging, grievance redressal, universal human values and various clubs for co-curricular and extra-curricular activities. PG initiation day was conducted on 5.9.18. For even semester, the college reopened on 19-12.18.

Faculty Preparation Program (FPP) for odd and even semesters are done before the start of respective semesters.

Ranking:

Our college participated in NIRF and secured 139th rank in Engineering and Technology.

Research and Development Activities:

- 129 research papers were published in Scopus, SCI and UGC Care journals. 22 book chapters / books have been published.
- 8 research grants were received by REC from funding agencies like DST-SERB-ECRA, AICTE-RPS, IITM, DST-TDT, CVRDE, UGC, DST-TIDE, IEI to a worth of 107.23 L

Consultancy :

Rs. 12.08 Lakhs is received through consultancy activities.

NPTEL:

- REC Local chapter got AA certificate from NPTEL Swayam based on the performance in NPTEL online certification courses.

Number enrolled	5672
Number Registered	790
Number of NPTEL toppers	60
Number of Elite with gold	39
Number of Elite with silver	158
Number of Elite	211
Total certified	620

FDP / Professional Development Programs & Training:

- 117 faculty members attended various FDP for more than 5 days.
- 28 FDPs / PDPs / internal training were conducted at REC for the benefit and upskilling of teaching and non-teaching members.
- 174 Faculty received monetary support from the college to attend FDPs/Conferences

Library:

Library has got 1549 added volumes of books and subscribed to 2594 journals/e-journals

Placement & Training activities:

- 789 number of students are placed through placement drive to 267 companies from various sectors for the year 2018-19
- Total Offers were 1246

IQAC Activities:

IQAC was active this year and they conducted webinars, seminars, orientation programmes and workshops for enhancing the quality of the faculty. The following are the activities conducted by IQAC in 2018-19.

- Workshop on Target, Tracking and Testing for Attainment of Objectives and Outcomes on 23-06-2018
- Orientation Programme on Teaching Pedagogy and Outcomes by TLC, IIT Madras from 12-07-2018 to 14-07-2018
- Workshop on Measuring continuous quality improvement in higher education on 24-11-2018
- Workshop to enrich classroom communication on 11-04-2019 to 12-04-2019



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ANNUAL REPORT of INTERNAL QUALITY ASSURANCE CELL - 2017-18

Internal Quality Assurance Cell (IQAC) committee meeting was held thrice in odd semester and twice in even semester in the academic year 2017-18.

Odd semester meeting: 1 June 2017, 5 August 2017, 21 September 2017

Even semester meeting: 12 January 2018, 20 April 2018

The following is the summary of various activities planned and executed for the academic year 2017-18:

For odd semester, second, third and final year engineering sessions reopened on 21.6.17. First year initiation day was conducted on 18.8.17 with orientation programs covering code of conduct, regulation overview, introduction of seniors and committees like anti-ragging, grievance redressal, universal human values and various clubs for co-curricular and extra-curricular activities. PG initiation day was conducted on M.E - 5.8.17 & MBA - 16.8.17. For even semester, the college reopened on 18-12.17.

Faculty Preparation Program (FPP) for odd and even semesters are done before the start of respective semesters.

Accreditations & Ranking :

The departments of Aeronautical engineering, Automobile engineering, Biomedical engineering, Biotechnology, Computer Science engineering, Electrical and Electronics engineering, Information technology and Mechanical engineering have been accredited by NBA.

Our college participated in NIRF and was placed in 101-150 band in Engineering and Technology.

Research and Development:

- 129 research papers are published in Scopus, SCI and UGC Care journals. 32 book chapters / books have been published.
- 7 research grants amounting to 122.69 Lakhs were received by REC from funding agencies like CVRDE, UGC, AICTE MODROB, DRDO, IEEE, UGC, DST SERB.

- 7 research grants amounting to 122.69 Lakhs were received by REC from funding agencies like CVRDE, UGC, AICTE MODROB, DRDO, IEEE, UGC, DST SERB.
- 2 patents have been filed in the academic year 2017-18.

Consultancy :

Rs. 2.02 Lakhs received through consultancy activities by our college

NPTEL:

- REC Local chapter got AA certificate from NPTEL Swayam based on the performance in NPTEL online certification courses.
- It was total enrollment of 6745 and 1267 registered for the certification examination
- 45 completed with NPTEL topper, 16 elite with gold, 145 elite with silver and 270 elite in the NPTEL exams. 923 Learners were certified.

FDP / Professional Development Programmes Training:

- 157 number of faculty members attended FDP more than 5 days.
- 25 number of FDPs / PDPs / internal training were conducted at REC for the benefit and upskilling of teaching and non-teaching members.
- 109 Faculty received monetary support to attend FDPs/Conferences

MoUs signed:

- For collaboration and interaction with organisations, MoUs are signed with 8 companies and 1 academic institution.

Library:

Library has got 693 volumes of books and has subscribed to 2266 journals/e-journals

Placement & Training activities:


- 640 number of students are placed through placement drive for the year 2017-18.
- 160 companies recruited our students this year

IQAC Activities:

IQAC was active this year and they conducted webinars, seminars, orientation programmes and workshops for enhancing the quality of the faculty. The following are the activities conducted by IQAC in 2017-18.

- Workshop on Internal Auditor Training on 20-07-2017

- Quality concepts of Accreditation - CO-PO-PSO mapping - Target setting and Periodic Analysis (Importance of Accreditations and Faculty Orientation) on 25-09-2017


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