

NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI - 628 503

(An Autonomous Institution Affiliated to Anna University, Chennai)

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of 19th Meeting

Date: 18.05.2022

The 19th meeting for the academic year 2021-22 was held on 18.05.2022, 11.00 AM at Conference Hall. As the meeting was conducted in hybrid mode, the internal members joined in person and the external members and students joined through the Webex meeting. Principal welcomed the members and briefed about the ongoing activities of the Internal Quality Assurance Cell (IQAC) and Annual Quality Assurance Report (AQAR) prepared for the last academic year (2021-22). Also, the Principal narrated about the NEC objectives and strategic goals set to achieve goals for each department.

The coordinator introduced the new IQAC members and briefed about the salient features of IQAC for the year 2021-22. Also, she presented the IQAC activities for the year 2021-22, Quality enhancement strategies, NAAC and NBA accreditation process and interim report for the year 2020-21.

The Principal briefed about the short term goals for academic departments & quality enhancement strategies and asked suggestions from the members regarding the short term goals.

19.1 Academic Achievements

Regarding academic achievements, the short term goals set viz. UG and PG admission and academic performance for the year 2020-21 were stated. Principal asked the members to give their view on achieving these short term goals, their feasibility to achieve and valuable suggestions to achieve the short term goals.

19.1.1 Mr. L.Gowri Shenbaga Raman questioned about the regional distribution of students admission and gave suggestions for getting admissions from other districts of Tamil Nadu.

19.2 Students Potential Transformation

Regarding students potential transformation, the short term goals set in terms of students achievements in national and international events, hackathons etc. were presented. The department wise data for participation in various events by students in

events conducted at other states, other countries and hackathons. Also presented the data about students publication, students project work and internships.

19.2.1 The students participation has been increased in the 2020-21 due to the pandemic lockdown, many students attended online events. Principal insisted the students attend workshops / conferences in premier institutions like IIT, IISC and in other states also. The discussion was made to increase the participation of events offline.

19.2.2 The Principal appreciated the students' publication and project work undertaken.

19.2.3 Dean-Placement talked about the initiatives taken for internship with placement offer to final year students and students' experience during the internship period.

19.3 Career Settlement

The short goal for 100% career settlement to students has been divided as 75% to placement, 10% to higher education and 5% to entrepreneurship.

19.3.1 Principal explained the activities being carried out like expert lectures, training and alumni interaction towards the improvement of skills of the students.

19.3.2. Principal stated that 10 projects will be identified and funded through NewGen IEDC every year and which will be helpful to enhance the innovative skills of the students.

19.3.4 Industry oriented one credit courses like Python, Big data analytics, Artificial intelligence and Internet of thing, etc. have been added in the Regulation 2019 curriculum to develop knowledge and skills in the appropriate domains especially for getting placement.

19.3.4 Discussion made about the comparison of salary level to CSE and IT placed students.

19.3.5 Mr. L.Gowri Shenbaga Raman talked about the median salary to mechanical and civil engineering students and also suggested the concerned departments to encourage them to go as engineer trainee/apprentice in small industries.

19.3.6 Mr. L.Gowri Shenbaga Raman appreciated the efforts of TCP cell for achievement in placement. Also suggested that the placement data may be given as core industry and company wise data.

19.3.7 Mr.V.Rajendran talked about the challenges of entrepreneurs and new startups and also suggested things to sustain in the market.

19.3.8 Principal advised the students to take the skill rack regularly and enthusiastically.

19.3.9 Director advised the students to learn the recent technologies during the college days itself, which would be helpful for the campus placement.

19.3.10 Principal requested all the HODs to take required efforts to train the interested students to face competitive exams like GATE/ TANCET / GRE / GMAT / CAT etc., and encourage the students to pursue higher education in leading institutions worldwide

19.4 Faculty knowledge upgradation

19.4.1 IQAC coordinator stated the target and achievement of faculty against faculty knowledge upgradation during 2020-21.

19.4.2 Principal explained about the financial and other support provided to the faculty members to attend, FDP, seminar, workshop, online courses and Industrial know-how program. Also he appreciated the department for their achievement in faculty upgradation.

19.5 Research and Development

19.5.1 Principal stated that our college so far has undertaken research projects worth five crores from the funding agencies and further three projects were approved and funded by DRDO CARS, FIST and DST at present.

19.5.2 Innovation through design thinking course is taught to faculty members by senior faculty members and to the first year students through trained faculty members to inculcate and improve the innovation ecosystem in the campus.

19.5.3 Principal and Director appreciated the product patent granted to the college and discussion was made about the product development and patent filing.

Principal and coordinator informed that all the faculty members have been insisted and motivated to achieve these goals every year.

19.6 Outreach programme

19.6.1 Members suggested that all the faculty in every department should attend at least one Conf./ workshop/FDP etc., in IIT/IISC/NIT / AU or other institutions of national importance.

19.6.2 It was also suggested that every department should conduct at least one Conf./ Workshop/ FDP / etc., in every year.

Ms.A.Srisubiksha, III/ECE, Mr.R.Bagawathi, III/EEE and Mr.A.Ananth, III/IT were shared their experience about placement training conducted to the third year students,

Director appreciated all the members of IQAC for their effective involvement in the Brain storming session and their valuable suggestion to improve the quality of education in the college in all aspects. Principal and coordinator thanked all the IQAC members for their effective involvement in the IQAC forum.

All the discussed points in th 19th IQAC meeting were recorded. IQAC will insist and guide all the departments with the suggestions given by the IQAC members to achieve the short term goals. The progress in the achievement of each short term goal will be measured quarterly for every department by the IQAC team.



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