

NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI
(An Autonomous Institution – Affiliated to Anna University Chennai)

15th MEETING – INTERNAL QUALITY ASSURANCE CELL

Date: 16/02/2019

Time: 11.00 A.M

Venue: Conference Hall of the Administrative Block

AGENDA

- ☞ WELCOME ADDRESS
- ☞ Confirmation of Minutes of 14th IQAC Meet
- ☞ QUALITY BENCH MARKS
 - ✓ ACADEMIC PERFORMANCE
 - ✓ 100% CAREER SETTLEMENT
 - ✓ HIGH QUALITY RESEARCH
 - ✓ INDUSTRY ENGAGEMENT
 - ✓ OUTREACH PROGRAMMES
 - ✓ STUDENT POTENTIAL TRANSFORMATION
 - ✓ INFRASTRUCTURE
- ☞ ANY OTHER MATTER
- ☞ VOTE OF THANKS

NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI - 628 503*(An Autonomous Institution, Affiliated to Anna University, Chennai)***INTERNAL QUALITY ASSURANCE CELL (IQAC)**

Date: 13.02.19

ACTION TAKEN REPORT OF 14th MEETING held on 07.07.18

S. No	TASKS PROPOSED in 14 th MEETING	ACTION TAKEN
1.	Arrangement of alumni interactions in all ODD Saturdays / Once in a month.	<ul style="list-style-type: none">• Atleast two Alumni in a month are interacting with students.• Alumni are invited as chief guest for the department function and also interaction is arranged with the students.
2.	Organizing more no of coaching classes for Soft skills, Time Management, Communication and Basic programming	<ul style="list-style-type: none">• Students Leadership Training Programs(SLTP) are conducted to improve their soft skills, Time management and Communication• Soft Skill and Leadership development Program is conducted by Dr.P.Essakimuthu, Chief-Scientist Reverse silica Pvt. Ltd., Bangalore, periodically• Infosys-Connect classes are conducted, 4 hours/week• Assessment in programming languages are conducted through Innate, 2 hours/week• Students are regularly doing hands on training in Skillrack to improve their programming skills in C, Java, Python etc.,
3.	Arrangement of more no. of Technical training classes for competitive examinations	<ul style="list-style-type: none">• Competitive training program is conducted by Mr.R.T.Karthick, UPSC Trainer, 2 hrs / week.• Separate period is allotted in regular timetable for GATE and competitive examinations.• GATE Forum is functioning in all departments.• In the year 2017-2018, the following students attained scores in various examinations• GATE – 8, TANCET (M.E) – 18,• TANCET (MBA) - 4, MS + Ph.d., (IITM) – 1 (Integrated Course)
4.	At least one startup in every department per year	<ul style="list-style-type: none">• The college has come out with a policy to support students with seed money through CSR fund.• Through EDC and Business incubator cell the students were motivated to start their own business through various training programs provided by the experts• Selected students are attending weekly interaction session with Dr.G.Vinoth, start-up consultant of NEC-BI.
5.	Provision for foreign languages such as Japanese and German including Hindi	<ul style="list-style-type: none">• Japanese classes are conducted in all odd Saturdays for interested students by S&H.• Special spoken Hindi Classes are conducted in CIVIL.

S. No	TASKS PROPOSED in 14 th MEETING	ACTION TAKEN
6.	Creating awareness among the parents about the activities of Entrepreneurship Development Cell /startups	In PTA meeting, Principal narrated the EDC cell activities and start-ups
7.	Establishment of intrapreneurial system	Principally accepted and action yet to be taken
8.	To patent one or two student projects every year in the level of getting royalty	Eight patents are filled through New Gen IEDC projects.
9.	Publication of research papers in high quality impact factor journals	55 research papers have published in high quality impact factor journals
10.	Utilization of common IOT research lab at TechPark	Proposal is under consideration.
11.	Enhance Industry – Institute relationships	<ul style="list-style-type: none"> • 93 faculty members have attended Industrial training. • Incubation centers initiated in 2018-19: 4, Students involved : 78 • MOUs signed : 8, Students involved : 67 • Consultancy Projects: 6, Revenue generated : Rs.6,95,000
12.	Arrangement of More number of outreach programs for both students and Faculty	Faculty attended in GIAN / FDP/STTP/ iIIT / NIT / IISc / AU /Govt / Others : 102
13.	Ensuring all the faculty members have undergone Industrial Training	No. of faculty attended in “Industry know how” in Industry : 93 during 2017-18 & 2018-19.
14.	Last hour should be exclusively allotted for extra-curricular and co-curricular activities.	Last hour is allotted for Students Choice Based hour for extra-curricular and co-curricular activities.
15.	Ensuring Library hours have not been utilized for taking regular classes.	Action taken
16.	Collection of expertise & field of interest of alumni in addition to contact details	Action is initiated
17.	Interaction between students and HOD at least once in a month	HODs have interacted with students periodically
18.	Resolving difficulties like online fee payment etc., in ERP	Efforts have been taken
19.	Awareness on Relative grading system to the students.	<ul style="list-style-type: none"> • Principal interacted with II, III and IV year students and explained the objectives and advantages of Choice Based Credit System (CBCS) and Relative Grading System on 03.10.18, 05.01.19 & 12.02.19. • Principal got feedback about the same. • COE explained the concept of Relative Grading

S. No	TASKS PROPOSED in 14 th MEETING	ACTION TAKEN
		Evaluation scheme in detail and clarified the students' doubts. • COE interacted with faculty in each department to narrate the concepts and calculation of grading system.
20.	Addition of more reference books in library	Few books are added.
21.	To inform the venues of conducting activities from various clubs and Technical Chapters well in advance	Action taken reports are prepared
22.	Preparation of action taken reports for the class committee meetings	Class committee meetings are regularly conducted.
23.	To announce the result publication date well in advance	Result publication is informed well in advance through voice mail.


 15/2/19
PRINCIPAL
 15/02/19

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

(An Autonomous Institution, Affiliated to Anna University, Chennai)

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of 15th Meeting

Date: 16.02.2019

The 15th meeting for Internal Quality Assurance Cell (IQAC) was held on 16.02.2019, 11.00 AM at Conference Hall. Principal welcomed the members and briefed about the ongoing activities of Internal Quality Assurance Cell (IQAC).

The coordinator presented the benchmarks for academic departments, notable events, minutes of Interaction of Principal with a second, third and final year students.

15.1 100% Career settlement

IQAC coordinator presented the department wise list of students placed in the academic year 2018-19. Expert members requested the number of students opted for higher studies and others and also asked whether the students are permitted to opt for career options. After discussion the following points were discussed.

- 15.1.1 Placement Dean informed that the students can choose any one of the career options. Principal replied that if students are willing to attend both classes for competitive exams and placement trainings, both training classes may be appropriately arranged.
- 15.1.2 Mr.L.Gowri Shenbagaraman suggested to create a student - alumni association for campus placement, internship activities and their technological upgradations to improve placement opportunities.

15.2 High Quality Research

IQAC coordinator presented about research activities in the academic year 2018-19. He mentioned that 55 research papers have been published in high quality impact factor journals, 27% of faculty are having Ph.D qualifications and among them 60% of faculty are recognized Anna university supervisors and 12 full time research scholars are doing research with fellowship.

- 15.2.1 Members suggested that there is a good record of quality publications by the faculty members. Mr.L.Gowri Shenbagaraman asked that how faculty members spend time for publication works along with regular academics. Principal replied that the faculty members are advised to plan in such a way that they have to contribute for research works along with regular academic works in order to improve their research skills as well as teaching-learning process. Expert members appreciated the faculty contribution towards research.

15.3 Industry Engagement

IQAC coordinator presented that 4 Incubation Centers are initiated in this year, 8 MOUs are signed and 6 consultancy works are undertaken and through this a revenue of Rs.6,95,000 is generated.

15.3.1 In this connection, Principal explained about the incubation centres which are established for the students for undergoing in-house internships by providing infrastructure, computing facilities and internet facility etc.

15.3.2 The industrial member suggested to send the our faculty members to any ten selected companies in order to get consultancy works from them.

15.4 Outreach Programmes

The IQAC Coordinator stated that in this academic year, 102 faculty members have attended GIAN courses / FDP / STTP in IITs / NITs / IISc / AU / Govt / Other colleges and 93 faculty members have undergone the “Industry know how” program in various industries in 2017-18 & in 2018-19. Also, he stated about the “Unnat Bharat Abhiyan” scheme.

15.4.1 Principal informed the members that the Institution has adopted 5 villages under “Unnat Bharat Abhiyan” scheme; through this scheme, students are taking surveys for finding out their problems in day-to-day life and trying to provide technological solutions for them.

15.4.2 Alumni member, Dr.P.Esakkimuthu suggested to advertise “Consultant of Technical consultancy services at NEC for Social Problems” for solving the problems in the nearest villages regarding women welfare, children welfare, education, domestic problems, first-aid etc. Principal accepted the suggestion and told that it may be considered in the upcoming academic year.

15.5 Student Potential transformation

Regarding Student Potential transformation the coordinator presented that 132 academic activities, 41 co-curricular activities and 61 social awareness are conducted in this year. Also, he quoted that 742 students have attended workshops, seminars and symposiums in IITs / NITs, GOVT / Aided Institutions. He also informed that 297 students have attended Inplant Training and 366 students have undergone Internship Training. Then, the following points were discussed.

15.5.1 The industrial member appreciated the student members for effectively organizing the events for extra and co-curricular activities from the technical and non-technical clubs by themselves. Principal advised that the intra and inter departmental relationships may be further improved through this kind of club activities.

15.5.2 Principal asked the students about their participation in the events / technical competitions organized by leading institutions. Student members replied that they have participated in the seminars, workshops and symposium organized by the premier institution like IIT Madras, IIT Kharapur, CIT,Coimbatore etc in the current academic year. The parent member Mr.G.Arumuga perumal reported that parents also support their wards to go for attending such programs.

Also, the Coordinator narrated about alumni interaction and mentioned that 27 Alumni shared in Person / through Video Conferencing in our alumni chamber & Reunion and Alumni Meet were conducted.

15.5.3 The alumni member requested to provide the details of latest technologies in each discipline to arrange the expert lectures by the alumni experts. Also, he promised that he will help to prepare the alumni expertise mapping for arranging expert lectures.

15.5.4 The director asked to bring other expertise members also along with our alumni members for any kind of programmes. He also insisted to improve the relationship between the faculty members within the departments to perform collaborative works.

15.6. Academic Excellence

Coordinator appraised about academic results of final year students of all departments and the overall pass % is 84% upto VII semester.

15.6.1 The industrial expert Mr.L.Gowri Shenbagaraman suggested that the performance of students in each year may be analyzed. Principal also asked the IQAC members to analyze the students academic performance every year instead of analyzing only final year students' academic performance.

15.6.2 Student members requested to provide awareness to the parents about the online assessments.

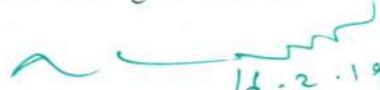
Members suggested to provide hot water in each department/ any two places in college campus.

Principal appreciated all the members of IQAC for their effective involvement in the discussion session and their valuable suggestions to improve the quality of our college in all the aspects. Director, Principal and coordinator thanked all the IQAC members for their effective involvement in the IQAC forum.

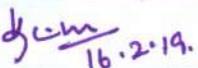
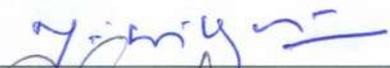
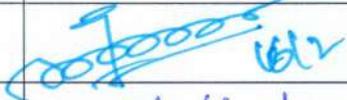
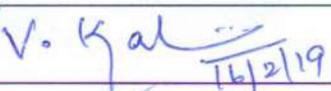
All the points discussed in the 15th IQAC meeting were recorded. IQAC will inform and guide all the departments with the suggestions given by the IQAC members to achieve the short term goals. The progress in the achievement of each short term goal will be measured quarterly for every department by the IQAC team.

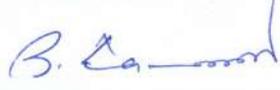
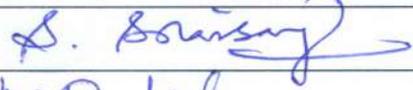
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16/02/19
Coordinator – IQAC


PRINCIPAL


12.2.19
DIRECTOR

The following members attended the meeting

Members	Signature
Dr.S.Shanmugavel, Principal	
Dr.Kn.K.S.K.Chockalingam, Director	 16.2.19
Dr.V.Seenivasagam, Controller of Examinations	 16.2.19.
Dr.K.Manisekar, Coordinator - IQAC	 16/2/19
Dr.K.Kalidasa Murugavel, HOD/Mechanical	 16/2/19
Dr.A.Shenbagavalli, HOD/ECE	 16/2/19
Dr.V.Gomathi, HOD/CSE	
Dr.M.Willjuice Iruthayarajan, HOD/EEE	
Prof. I.Jackson Daniel, HOD/EIE Dr. B. Sankaragomathi Prof/EIE	
Dr.K.Manimegalai, HOD/IT	
Dr.C.Puthiyasekar, HOD/CIVIL	
Dr.M.A.Neelakantan, HOD/S&H	
Dr.K.G.Srinivasagan, Dean (TCP) & Prof. / CSE	 16/2
Dr.V.Kalaivani, Prof. / CSE	 16/2/19
Dr. G. Vinoth, Ph.D Technology Management Consultant Startup Coach, Pongu Ventures, Tirunelveli	
Mr. S. Venkata Prasad, SAP Consultant & Project Manager, Tata Consultancy Services, Chennai	
Mr. L.Gowri Shenbaga Raman, Assistant General Manager-HR, ASHOK LEPLAND Arneri Village, Sriperumbudur - Coimbatore, CHENNAI	
Mr.V.Rajendran, NEC Alumni President, Chromepet, Chennai	

Dr. P.Essaki Muthu Chief Scientist in Research and Development RiverSilica Technologies Pvt Ltd, Bangalore	
Mr. G.Arumuga Perumal Chemical Engineer, DCW - Tharangathar Chemical Work, Thoothukudi	
Dr. S.Maheswari, Asso. Prof. / CSE	
Mr.P.Jeevanandham, Admin Manager	
Mr.K.Karunai Raghavan, Librarian	
Mr.S.Solaisamy, Sr. System Programmer	
Praveen Krishna K R, III year Mechanical	
Kishore J, III year ECE	
Sridhar Raj P, III year CSE	
Sindhu Muhila S, IV year EEE	
Aswin kumar S, IV year EIE	
Maneesha P, III year IT	
Raagavi M T, IV year Civil	