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MINUTES OF 9th MEETING OF INTERNAL QUALITY ASSURANCE CELL (IQAC)

Venue: Conference Hall, Block-I
Time: 11:00 am

Date: 21.07.2018

AGENDA & NOTES

IQAC-2018-1-1: *To confirm the minutes of the IQAC meeting held on ...08-1-2018.....*

Notes: A meeting of the IQAC was held on 08-1-2018. These minutes are to be confirmed now

IQAC-2018-1-2: *To consider and approve the action taken report on the minutes of IQAC meeting held on08-1-2018.....*

IQAC -2018-2-2: To consider the creation of various student clubs in the Institution

Notes: IQAC proposes to create various student clubs in the institution for improving their inter and intra personal skills

The members are requested to consider the above skill improvement strategy and accord approval.

Res-2018-2-2: Approved

Action Taken: Various student clubs were created namely Gardening club, Yoga club, Coding Club etc for improving the skills of the students.

IQAC-2018-2-3: To consider for conducting more activity based learning topics of each department

Notes: IQAC proposes to conduct many activity based learning topics for implementing OBE in class rooms of each department.

The members are requested to consider the above as a Quality improvement strategy to implement them.

RES-item2-3: Noted

Action Taken: The Centre for Experiential Learning (CEL) of the institute

focuses on enhancing the teaching capabilities of the faculty. Many faculty members have implemented active learning strategies for improving the quality of Teaching & Learning process.

IQAC-2018-2-4: To consider organizing more seminars and industrial visits

Notes:

IQAC proposes to encourage the students by organizing more seminars and industrial visits as a part of curriculum for acquiring practical exposure.

The members are requested to consider the above as a Quality improvement strategy to implement them

RES-item 2-4: Noted

Action Taken: The professional electives in the departments were handled by industry experts as a part of the curriculum and industrial visits arranged for better practical exposure to the students.

IQAC-2018-2-5: To consider the usage of NPTEL and other online courses on SWAYAM platform.

Notes:

IQAC proposes to encourage the students and faculty to use NPTEL and other Online courses on SWAYAM platform for effective teaching and learning.

The members are requested to consider the above as a Quality improvement strategy to implement them

RES-item 2-5: Noted

Action Taken: Action is initiated to register few NPTEL courses in the SWAYAM platform by the faculty for improving the quality of the Teaching & Learning Process.

IQAC-2018-2-6: To review the Annual Quality Assurance Report (AQAR) report for the A.Y.2017-18

Notes:

IQAC proposes to review the Annual Quality Assurance Report (AQAR) report for the A.Y.2017-18 for submission to NAAC.

The members are requested to consider the above as a Quality improvement strategy

RES-item 2-6: Noted

Action Taken: The AQAR for the A.Y 2017-18 review process is completed for submission to NAAC.

IOAC-2018-1-3: To consider UG programs curriculum revision.

Notes: During the academic year 2018-19, RA18 curriculum for UG and PG programs was approved by respective Board(s) of Studies and Academic Council. However, in case of UG programs, IQAC proposes to revise II, III and IV year curriculum by introducing new courses and electives to meet industry needs.

IOAC-2018-1-4: To consider the action plan of Centre for Experiential Learning (CEL)

Notes: The Centre for Experiential Learning (CEL) of the institute focuses on enhancing the teaching capabilities of the faculty. The action plan of CEL for the current semester is enclosed.

IOAC-2018-1-5: To consider the revised faculty appraisal form proposed by IQAC

Notes: To assess the performance of faculty, IQAC developed a revised faculty appraisal form with due weightage on various parameters (Enclosed)

IOAC-2018-1-6: To consider industry experts teaching few elective courses

Notes: IQAC proposes to invite industry experts to teach few professional elective courses in various departments to provide better understanding of the subject and expose latest technological advances to students.

IOAC-2018-1-7: To consider the flagship courses identified by departments

Notes: It is proposed to identify one or two flagship courses in each semester by all the departments and implement innovative teaching pedagogies in such courses to improve student learning process.

IOAC-2018-1-8: To consider the difficult courses identified by departments

Notes: It is proposed to identify the difficult courses in each semester which are affecting the pass percentage of students and take remedial measures at the beginning of the semester to improve student learning process.

IOAC-2018-1-9: To consider the new research centers initiated by the institute

Notes: The following new research centers are initiated by the institute. These centers promote multidisciplinary research activities. These centers should focus on publishing good number of research papers in referred journals and obtain sponsored projects.

- Center for Artificial Intelligence and Deep Learning (AI & DL)
- Center for IoT and Embedded Systems (IoT & ES)
- Center for Emerging Energy Technologies (CEET)
- Center Materials and Manufacturing (CMM)
- Center for Construction Materials and Methods (CCMM)

The members are requested to consider the above as a Quality improvement strategy and accord approval to implement them.

IOAC-2018-1-10:

Any other item with the permission of chair


CHAIRMAN, IQAC


CO-ORDINATOR & MEMBER SECRETARY



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MINUTES OF 10th MEETING OF INTERNAL QUALITY ASSURANCE CELL (IQAC)

Venue: Conference Hall, Block-I
Time: 11:00 am

Date: 15.12.2018

AGENDA & NOTES

IOAC-2019-1-1: *To confirm the minutes of the IQAC meeting held on ...21-07-2018.....*

Notes: A meeting of the IQAC was held on 21-07-2018. These minutes are to be confirmed now

IOAC-2019-1-2: *To consider and approve the action taken report on the minutes of IQAC meeting held on21-07-2018.....*

Notes: *IOAC -2019-2-3: To consider UG programs curriculum revision.*

Notes: During the academic year 2018-19, RA18 curriculum for UG and PG programs was approved by respective Board(s) of Studies and Academic Council. However, in case of UG programs, IQAC proposes to revise II, III and IV year curriculum by introducing new courses and electives to meet industry needs.

Res-BoS-2018-2-3: Noted

Action Taken: The RA18 Course structure and Syllabus was implemented for B.Tech-I year w.e.f academic year 2018-19. Action is initiated to prepare detailed syllabus for II to IV years following the guidelines of AICTE.

Notes: *IOAC-2018-2-4: To consider the action plan of Centre for Experiential Learning (CEL)*

Notes: The Centre for Experiential Learning (CEL) of the institute focuses on enhancing the teaching capabilities of the faculty. The action plan of CEL for the current semester is enclosed. The members are requested to consider the above and accord approval to implement them.

RES-item 4: *Approved*

Action Taken: The action plan of the CEL is implemented in the academic year 2018-19

Notes:

IQAC-2018-2-6: To consider industry experts teaching few professional elective Courses

Notes: IQAC proposes to invite industry experts to teach few professional elective courses in various departments to provide better understanding of the subject and expose latest technological advances to students. The members are requested to accord approval to implement the same.

RES-item 6: Approved

Action Taken: The professional electives in CSE and ECE departments were handled by industry experts.

Notes:

IQAC-2018-2-9: To consider the new research centers initiated by the institute

Notes: The following new research centers are initiated by the institute. These centers promote multidisciplinary research activities. These centers should focus on publishing good number of research papers in referred journals and obtain sponsored projects.

- Center for Artificial Intelligence and Deep Learning (AI & DL)
- Center for IoT and Embedded Systems (IoT & ES)
- Center for Emerging Energy Technologies (CEET)
- Center for Materials and Manufacturing (CMM)
- Center for Construction Materials and Methods (CCMM)

The members are requested to consider the above and accord approval to implement them.

RES-item 9: Approved

Action Taken: The new centers are focusing on improving the quality of student projects. The faculty involved are also getting trained towards new technologies and gearing up to take up challenges

IQAC 2018-2-10: Any other item with the permission of chair

The following suggestions were given during the meeting:

1. Mr. S.S.Subramanya Sastry advised that Cyient Technologies ltd, Hyderabad is offering internships in 8th semester and students can work in college or Centre of Excellence for 3 months.

2. Mr. S.S.Subramanya Sastry advised to apply for Moocs online certification courses for faculty and students.
3. Mr. S.S.Subramanya Sastry suggested having pre-assessment and post-assessment evaluation process for students.
4. Mr. S.S.Subramanya Sastry suggested that there is a lot of scope for IoT projects in the industry for developing new business initiatives.
5. Dr.M.Siva Kumar suggested considering more weightage regarding publications for Associate Professors and Professors and less weightage for Asst.Professors.

IOAC-2019-1-3: *Measures to improve our NIRF ranking*

Notes: The institute has been applying for NIRF consecutively for three times and inspite of lot of effort from all the stakeholders, we were not able to figure out in the first 200 ranks. On doing an analysis, we noticed that few areas such as results, data acquisition and publications need improvement.

The members are requested to suggest the areas for further improvement

IOAC-2019-1-4: *Upcoming NAAC and UGC inspections*

Notes: The institution was accredited by NAAC in I cycle with an A grade in the year 2015 and this accreditation is valid upto April 2020. The NAAC peer team will be visiting the campus this academic year for the II cycle of accreditation. The opening meeting has been conducted and formats were discussed. The steering committee shall be formed and timelines shall be fixed.

IOAC-2019-1-5: *Curriculum planning and implementation*

Notes: The syllabus for I B.Tech has been prepared according to the AICTE model curriculum for the 2018 batch. Action is initiated to prepare detailed syllabus for II to IV years following the guidelines of AICTE.

For effective implementation, we are adopting the following strategies:

- Course contents shall be revised, updated and scaled up to meet the hiring demands of industry
- Course projects to be initiated wherever possible
- Take feedback from I year students about the new curriculum and also on Induction program.
- OBE has been implemented in few courses in the previous years and this year we plan to implement in all courses
- Faculty encouraged to get certified to teach newly offered courses such as Engineering Design Process, AI, IoT etc.

- A faculty conclave is being organized every semester and this has been initiated in the academic year 2018-19. This conclave provides a platform to faculty to share their best practices
- Faculty are encouraged to get certified as International Engineering Educators from IUCEE

IOAC-2019-1-6: *Improving the results of undergraduate students*

Notes: It is observed that there is a need to improve the results. The students shall be sensitized that they shall pass in one go, as the industry is also looking for consistency in the education

IOAC-2019-1-7: *Improving quality of publications and citations*

Notes: It is proposed to improve the publications quality in peer reviewed journals like SCI, Scopus, Web of Science etc. and also increase the number of citations of individual faculty. The institution is giving incentives to encourage the faculty publications.

IOAC-2019-1-8: *Improving quality student projects*

Notes: It is proposed to improve the quality of student projects and the following initiatives have been introduced:

- Course projects in select courses
- Design courses to enhance the creative and innovative skills
- Mini project is introduced in V and VI semesters
- Capstone project is also divided into 2 phases

IOAC-2019-1-9: *To conduct internal Academic audit in the month of April, 2019*

Notes: It is proposed to conduct Academic audit in the month of April, 2019 for various departments for improving the quality of the institution.

IOAC-2019-1-10: *Any other academic issues not covered above.*


CHAIRMAN, IQAC


CO-ORDINATOR & MEMBER SECRETARY



MINUTES OF THE 11th MEETING OF INTERNAL QUALITY ASSURANCE CELL

Venue: Conference Hall, Block-I
Time: 11:00 am

Date: 27.04.2019

AGENDA & NOTES

IOAC-2019-1-1: *To confirm the minutes of the IOAC meeting held on ...15-12-2018.....*

Notes: A meeting of the IQAC was held on 15-12-2018. These minutes are to be confirmed now

IOAC-2019-1-2: *To consider and approve the action taken report on the minutes of IOAC meeting held on ...15-12-2018.....*

Notes: **IOAC-2019-2-3:** *Measures to improve our NIRF ranking*

The institute has been applying for NIRF consecutively for three times and inspite of lot of effort from all the stakeholders, we were not able to figure out in the first 200 ranks. On doing an analysis, we noticed that few areas such as results, data acquisition and publications need improvement.

The members are requested to suggest the areas for further improvement

Res-IOAC-2019-2-3: Noted

Action Taken: Action is initiated to improve NIRF ranking

IOAC-2019-2-5: *Curriculum planning and implementation*

Notes: The syllabus for I B.Tech has been prepared according to the AICTE model curriculum for the 2018 batch. Action is initiated to prepare detailed syllabus for II to IV years following the guidelines of AICTE.

For effective implementation, we are adopting the following strategies:

- Course contents shall be revised, updated and scaled up to meet the hiring demands of industry

- Course projects to be initiated wherever possible
- Take feedback from I year students about the new curriculum and also on Induction program.
- OBE has been implemented in few courses in the previous years and this year we plan to implement in all courses
- Faculty encouraged to get certified to teach newly offered courses such as Engineering Design Process, AI, IoT etc.
- A faculty conclave is being organized every semester and this has been initiated in the academic year 2018-19. This conclave provides a platform to faculty to share their best practices
- Faculty are encouraged to get certified as International Engineering Educators from IUCEE

Res-IOAC-2019-2-5:Approved

Action Taken: Syllabus was prepared for II to IV years following the guidelines of AICTE

IOAC-2019-2-6: Improving the results of undergraduate students

Notes: It is observed that there is a need to improve the results. The students shall be sensitized that they shall pass in one go, as the industry is also looking for consistency in the education

RES-IOAC-2019-2-6: Noted

Action Taken: The results of undergraduate students improved by taking remedial classes who are academically poor performers

IOAC-2019-2-7: Improving quality of publications and citations

Notes: It is proposed to improve the publications quality in peer reviewed journals like SCI, Scopus, Web of Science etc. and also increase the number of citations of individual faculty. The institution is giving incentives to encourage the faculty publications.

RES-IOAC-2019-2-7: Noted

Action Taken: The quality of publications and citations were improved by publishing the journals in peer reviewed journals like scopus,web of science etc

IOAC-2019-2-8: Improving quality student projects

Notes: It is proposed to improve the quality of student projects and the following initiatives have been introduced:

- Course projects in select courses
- Design courses to enhance the creative and innovative skills
- Mini project is introduced in V and VI semesters
- Capstone project is also divided into 2 phases

RES-IQAC-2019-2-8: Noted

Action Taken: The quality of students projects were improved by dividing capstone project in different phases.

IOAC-2019-2-9: Any other issues not covered above

In addition to the above, the following suggestions were made:

1. Dr. M.Siva Kumar suggested to send few faculties to industries for training
2. Mr.S.S.Subramanya Sastry suggested to conduct awareness workshop on importance of course projects
3. Mr.S.S.Subramanya Sastry suggested to depute one mechanical faculty for course project

IOAC-2019-1-3: To motivate and encourage the faculty and students to promote multidisciplinary research activities for the new research centers initiated by the institute.

Notes: IQAC proposes to motivate and encourage the faculty and students to promote multidisciplinary research activities for the new research centers initiated by the institute by publishing peer reviewed journals and conducting workshops.

The members are requested to consider the above as a Quality improvement strategy and accord approval.

IOAC-2019-1-4: To review the revised format of Annual Quality Assurance Report (AQAR) for the academic year 2018-19

Notes: It is proposed to review the revised format of AQAR for the academic year 2018-19 for submitting to the NAAC

The members are requested to consider the above as a Quality improvement strategy and accord approval.

IOAC-2019-1-5: To prepare the report for applying NIRF ranking for the academic year 2018-19

Notes: IQAC proposes to prepare the report for applying NIRF ranking for the academic year 2018-19

The members are requested to consider the above as a Quality improvement strategy and accord approval.

IOAC-2019-1-6: To enhance the no. of placements for the outgoing students

Notes: IQAC proposes to enhance the no. of placements for the outgoing students compared to the previous academic year (2017-18) by conducting more training programs and improving the communication skills of the students.

The members are requested to consider the above as a Quality improvement strategy.

IOAC-2019-1-7 : To organize Make n Market exhibition day under centre for NEST (NEST for Entrepreneurship in Science & Technology) in the academic year 2019-20.

Notes: It is proposed to organize Make n Market exhibition day in the next academic year 2019-20 to convert student's creative ideas into a reality product.

The members are requested to consider the above as a skill improvement strategy and accord approval.

IOAC-2019-1-8 : Any other item with the permission of chair


CHAIRMAN, IQAC


CO-ORDINATOR & MEMBER SECRETARY



MINUTES OF THE 12th MEETING OF INTERNAL QUALITY ASSURANCE CELL

Venue: Conference Hall, Block-I
Time: 11:00 am

Date: 22.06.2019

AGENDA & NOTES

IOAC-2019-1-1: To confirm the minutes of the IOAC meeting held on ...27-04-2019.....

Notes: A meeting of the IOAC was held on 27-04-2019. These minutes are to be confirmed now

IOAC-2019-1-2: To consider and approve the action taken report on the minutes of IOAC meeting held on27-04-2019.....

IOAC-2019-2-1: To motivate and encourage the faculty and students to promote multidisciplinary research activities for the new research centers initiated by the institute.

Notes: IOAC proposes to motivate and encourage the faculty and students to promote multidisciplinary research activities for the new research centers initiated by the institute by publishing peer reviewed journals and conducting workshops.

The members are requested to consider the above as a Quality improvement strategy.

Res-IOAC-2019-2-1: Noted

Action Taken: Action is initiated to promote multidisciplinary research culture for the new research centers by way of conducting workshops and seminars

IOAC-2019-2-2: To review the revised format of Annual Quality Assurance Report (AQAR) for the academic year 2018-19

Notes: It is proposed to review the revised format of AQAR for the academic year 2018-19 by IOAC for submitting to the NAAC

The members are requested to consider the above as a Quality improvement strategy.

Res-IQAC-2019-2-2:Approved

Action Taken: Action is initiated to review the revised format of AQAR 2018-19

IOAC-2019-2-3: To review the NIRF (National Institute Ranking Framework)report for applying NIRF ranking for the academic year 2018-19

Notes: IQAC proposes to review the NIRF report for applying NIRF ranking for the academic year 2018-19

The members are requested to consider the above as a Quality improvement strategy and accord approval.

Res-IQAC-2019-2-3:Approved

Action Taken: The NIRF report review is under progress for the A.Y.2018-19

IOAC-2019-2-4: To improve the no. of placements for the outgoing students

Notes: IQAC proposes to improve the no. of placements for the outgoing students compared to the previous academic year (2017-18) by conducting more training programs and improving the communication skills of the students.

The members are requested to consider the above as a Quality improvement strategy and accord approval.

RES-IQAC-2019-2-4: Approved

Action Taken: The no. of placements has been improved compared to the previous year

IOAC-2019-2-5: To organize Make n Market exhibition day under centre for NEST (NEST for Entrepreneurship in Science & Technology) in the academic year 2019-20.

Notes: It is proposed to organize Make n Market exhibition day in the next academic year 2019-20 to convert student's creative ideas into a reality product.

The members are requested to consider the above as a skill improvement strategy and accord approval to implement them.

RES-IQAC-2019-2-5: Approved

Action Taken: Action is initiated to organize Make n Market exhibition day.

IOAC-2019-2-6: Any other issues not covered above

In addition to the above, the following suggestions were made:

1. Dr. M.Siva Kumar appreciated the efforts of creating multidisciplinary research centres for promotion of research activities.
2. Mr.S.S.Subramanya Sastry suggested to conduct Make n Market event in the next semester
3. Mr.S.S.Subramanya Sastry suggested to depute one mechanical faculty for course project

IOAC-2019-1-3: To apply for Atal Ranking of Institutions on Innovation Achievements (ARIIA)

Notes: IQAC proposes to apply for Atal Ranking of Institutions on Innovation Achievements (ARIIA) related to “Innovation and Entrepreneurship Development” amongst students and faculties.

The members are requested to consider the above as a Quality improvement strategy and accord approval

IOAC-2019-1-4: To motivate and encourage the students to participate in Make n Market exhibition day to be held in September 2019.

Notes: It is proposed to motivate and encourage the students to participate in Make n Market exhibition day to create entrepreneurial eco system in the campus and convert their ideas in to real products.

The members are requested to consider the above as a skill improvement strategy.

IOAC-2019-1-5: To depute few faculty members to participate in IUCEE International Engineering Educator Certification Program under Center for Experiential Learning (CEL) to be held in September 2019.

Notes: IQAC proposes to depute few faculty members to participate in IUCEE International Engineering Educator Certification Program organized by Center for Experiential Learning (CEL) to improve their teaching and professional development

The members are requested to consider the above as a Quality improvement strategy and accord approval.

IQAC-2019-1-6 : To felicitate the staff members (Teaching & Non-Teaching) on 5th September, Teachers day

Notes: IQAC proposes to felicitate both teaching and non-teaching staff members who rendered their valuable services to the institution for 5, 10 and 15 years.

The members are requested to consider the above as institution best practice and accord approval.

IQAC-2019-1-7: To disseminate the information about Academic audit reports to each department

Notes: IQAC proposes to disseminate the information about academic audit reports to each department conducted in the month of April, 2019 for further improvement process

The members are requested to consider the above as a Quality improvement strategy.

IQAC-2019-1-8 : Any other item with the permission of chair


CHAIRMAN, IQAC


CO-ORDINATOR & MEMBER SECRETARY