INTERNAL QUALITY ASSURANCE CELL (IQAC)

Date: 21-01-2018

Proceedings of the First Internal Quality Assurance Cell (IQAC) meeting of Dhanekula Institute of Engineering & Technology Held on 21-01-2018

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Members Present:

1. Sri D V Bhavani Prasad, Secretary & Correspondent of Dhanekula Institute of Engineering & Technology, Management Member, IQAC.
2. Sri M Narayana Prasad, Managing Director, Vijaya Electrical Pannels, Industrialist Member, IQAC.
3. Sri Krishna Prasanna Vytla, President, Vivekananda Youth Association, Vijayawada, Local Society Member, IQAC.
4. Sri D K R K Ravi Prasad, Member, Governing Body, Dhanekula Institute of Engineering & Technology, Assistant General Manager, BEL, Machilipatnam, Special Invitee.
5. Dr A Kiran Kumar, Professor, Mecahnical Engineering Department, Dhanekula Institute of Engineering & Technology, Coordinator, IQAC.
6. Dr A Srinivas Rao, Professor in CSE, Dhanekula Institute of Engineering & Technology, Faculty Member, IQAC.
7. Dr G Asha Jyothi, Professor in ECE, Dhanekula Institute of Engineering & Technology, Faculty Member, IQAC.
8. Dr Y Kusumalatha, Professor in EEE, Dhanekula Institute of Engineering & Technology, Faculty Member, IQAC.
9. Dr M Nagarjuna, Associate Professor in Physics, Dhanekula Institute of Engineering & Technology, Faculty Member, IQAC.
10. Sri V Naga Raja, Assistant Professor in Civil Engineering, Dhanekula Institute of Engineering & Technology, Faculty Member, IQAC.
11. Smt V Bindu, Assistant Professor in EEE, Dhanekula Institute of Engineering & Technology, Faculty Member, IQAC.
12. Smt K L Sowjanya, Assistant Professor in ECE, Dhanekula Institute of Engineering & Technology, Faculty Member, IQAC.
13. Sri Ch Mohan Sai Kumar, Assistant Professor in ECE, Dhanekula Institute of Engineering & Technology, Alumni Member, IQAC.
14. Dr Ravi Kadiyala, Principal, Dhanekula Institute of Engineering & Technology, Chair-Person IQAC.
15. Ch Renu Sekhar, Administrative Officer, Dhanekula Institute of Engineering & Technology, Special Invitee.

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1. Dr Ravi Kadiyala, Principal, Dhanekula Institute of Engineering & Technology and Chair-Person, IQAC, extended welcome for all the members presented for the meeting.

2. Action Taken Report of the previous meeting was discussed and approved by the members present.

   Also presented NAAC results and discussed about the comments made by the expert team criteria wise and action plan has been made as per the details mentioned below.

3. Curriculum Aspects
Observations by NAAC Team:
Few Skill enhancement courses beyond the curriculum conducted advised to add additional topics on emerging trends to meet requirements of the industry.
Resolution:
Training towards certification courses shall be conducted by external resources mostly from industry and experts may be invited to deliver guest lectures/seminars on the latest trends.

4. Teaching Learning & Evaluation
Observations by NAAC Team
- Need to attract merit students
- Students can be encouraged to register for MOOCs through SWAYAM portal.
- Participation of Advanced learners can be enhanced in workshops, seminars, paper presentations etc.
- Need to appoint more professors and associate professors to improve cadre ratio as per the AICTE norms. And more faculty development programs need to be conducted including pedagogy.
- Need to depute faculty for improving their qualifications with financial support under QIP.
- Question papers for internal tests can be more innovative to meet requirements of outcome based education.
- Overall pass percentage needs to be improved.
- Efforts required to define COs with Blooms taxonomy level and its attainments.
- Need to introduce more student centric learning activities and secure university rank.

Resolutions:
- May consider for providing scholarships for the meritorious students
- Internal Training committee is advised to motivate students to register for MOOS courses on SWAYAM/NPTEL portal, which might also enhance self-learning skills.

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- Head of the departments are requested to keep track of meritorious students and motivate them to participate in workshops, seminars, paper presentation and technical events outside institution.
- Upon discussion and possibilities for faculty development programs including pedagogy, it was concluded to apply for remote centre at IITX Bombay platform under National Mission on Education under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, which could facilitate online blended in house training and at the same time interaction with experts and peers.
- Faculty may be encouraged to register for PhD either part-time or full time. If registered for full and based on the quality of work shall be considered for sabbatical leave upon recommendations of the R & D committee and approval of governing body.
- As per the discussions made it was resolved to prepare internal question papers by implementing Blooms Taxonomy to improve the quality and coordinator is informed to take necessary steps for implementation immediately.
- Measures shall be taken to improve overall pass percentage and Head of the Departments are requested to sort out an effective measures.
- Principal informed that Course outcomes for all the courses in the curriculum were available and resolved to upload on the department web pages of college website program wise.
- Discussed on the need for implementation of student centric methods for better attainment of POs and hence shall obtain university ranks.

5. Research Consultancy & Extension:
- Research activity to be strengthened in the institution by inviting guest talks and providing seed money.
- Institution does not have recognized research centres and sponsored research projects.
- Need to strengthen labs for research and multi-disciplinary research facilities need to be created.
- Faculty publications to be published in quality Journals and to provide incentive for quality publications.
- No consultancy is seen and need to establish research collaboration with good industries.
- College shall organize skill oriented training for the nearby school dropouts in different engineering trades to make them employable as a social responsibility.

Resolutions:
- R&D Consultancy Committee members shall be informed to propose plan for development of R & D activity as well as consultancy.

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- Discussed about the possibility of establishing research centre affiliated to JNTUK in the departments and understood that NBA accreditation is must to apply for research centre. Hence shall consider after completion of NBA accreditation.
- Resolved to develop publication policy of the institution with incentives to improve quality of publications.
- Resolved to interact with the nearby schools to identify the requirements.

6. Infrastructure & Learning Resources:
- More e-books could be added for digital library.
- Could connect to national knowledge networks.
- Application software tools for EEE, ECE, Civil and Mechanical departments could be added.

Resolutions:
- Library committee is advised to propose for e-books to the library and submit the report in next meeting.
- Librarian shall immediately take necessary steps to connect to national knowledge network
- Head of the Departments may be requested to recommend for purchase of new software tools in their respective departments in next budget / to have an industry collaboration in the way of establishing centre of excellences.

7. Student Support & Progression:
- Need to introduce more value added courses to enhance employability skills.
- Need to improve campus placements particularly in core industries.
- Focussed training for GATE and other competitive examinations can be provided.

Resolutions:
- Resolved to conduct Value added courses in Quantitative Aptitude, English Communication Skills & Programming Skills.
- As most of MNCs were recruiting through Off Campus, Company specific training shall be conducted to improve the placements in such companies.
- Career Guidance for competitive examinations shall be strengthened.

8. Governance Leadership and Management:
- Perspective plan of the institution need to be prepared and implemented along with enhancing quality research.
- Newly faculty needs pedagogy training.
- Limited staff welfare measures.
- Academic audit system can be made more effective.

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- Need to introduce external peer review.

Resolutions:

- Strategic plan for growth of the institution has been presented by the principal for the block period 2017-2022.
- Resolved to conduct orientation sessions for fresh faculty and also allow them to attend pedagogy workshops under IITx Bombay platform.
- IQAC shall sum-up all the audits being done as on date and identify the parameters on which audit is not being conducted.

9. Vote of Thanks: Dr Ravi Kadiyala, proposed vote of thanks and conveyed that next IQAC meeting shall be held in September 2018.

IQAC Coordinator   Principal