

Dr. D. Y. Patil Pratishthan's

DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH

Approved by A.I.C.T.E, New Delhi , Maharashtra State Government, Affiliated to Savitribai Phule Pune University

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Internal Quality Assurance Cell

Action Taken Report 2017-18

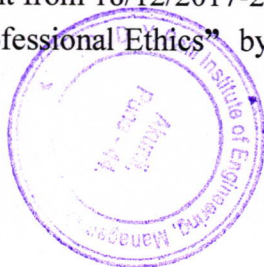
The summary of activities of the IQAC for academic year 2017-18

1. Formation of IQAC Cell

- IQAC cell was formed on 15 March 2017 with the Principal of the Institute Dr. Mrs. A.V. Patil as chairman of the IQAC and Mr. K.M. Narkar as a Coordinator.
- IQAC cell has members from all section of society such as industrialist, academician, faculty, alumni and students.
- Cell was formed as per the UGC regulations and as also prescribed by the NAAC.
- Principal madam as a chairperson gave the background of the formation of the IQAC cell, its functioning and other aspects.
- Major aim of the IQAC cell is to channelize all efforts and measures of the institution towards promoting its holistic development of the institute.

2. Faculty development through conduct of need based programs such as workshops/seminars/FDP/STTP etc. The main focus was on to enhance the technical competency and professional ethical values of the faculty members. Following are the major programs were organized.

- Faculty Training program on “Competence based Education” by Dr. Tarranum Kadarbhai from 26/05/2017-27/05/2017.
- “Practical Finite Element Analysis” from 08/06/2017- 13/06/2017
- “Software Testing Using Open Source Tool” by Computer Engineering Department from 06/06/2017-10/06/2017
- “Practical Exposure To HIT OFFICE Software” by Civil Engineering Department from 06/06/2017-10/06/2017
- “Utilization Of Computer Techniques For Chemical Engineering” by Chemical Engineering Department from 06/06/2017-10/06/2017
- “Research Funding Opportunities” on 23/06/2017
- “ FDP On Role of Mathematical Modeling and Statistical analysis in Engineering” from 20/06/2017-24/06/2017
- “Scilab Implementation and hands-on practice for Engineers” by Mechanical Engineering Department from 18/12/2017-22/12/2017
- “Human Values and Professional Ethics” by ENTC Department from 11/12/2017-15/12/2017



- “Application of Separation Techniques in Chemical Engineering” by Chemical Engineering Department from 11/12/2017-15/12/2017

3. **Student development** through conduct of need based programs such as Industrial visit, guest lectures, seminars etc. Main focus was on technical competency, practical exposure, and holistic development etc. Following are the major programs were organized

- Workshop on “Android App Development” from 12/06/2017- 17/06/2017
- Guest lecture on “Software Development, Implementation and Maintenance” on 07/07/2017
- Site visit to CWPRS on 05/07/2017
- Motivational Talk on “ My Transformation to Transform the Nation” by Swami Mitranandji on 29/08/2017
- Industrial visit to “Sukakarta General Engineering Cluster Pune” on 11/09/2017 & 12/09/2017
- “Youth Empowerment Programme” by Smt. Rashmi Shukla, IPS Commissioner of Police, Pune City on Friday, 15th September, 2017
- Industrial visit to Vindhyachal Hydro power station, Chaskaman Dam, Rajgurnagar, Pune on 07/09/2017 & 08/09/2017
- “Workshop on PCB and Electronics System Design” from 08/09/2017-15/09/2017
- “Guest lecture on Awareness to Civil Engineering Practices” on 09/09/2017.
- “Guest Lecture on Recent Trends in VLSI” on 29/09/2017.
- “Guest Lecture on Important of GATE for Engineer” 19/01/2018
- Expert Talk on: “'Defense, Nuclear and Space Technologies-India's Strategic Sectors-A Briefing' and 'ISRO's Journey from Laboratory to Orbit to National Development, E-Governance and Societal Transformation’ on 06/02/2018
- “Guest Lecture on Application of power electronics in day to day life & modern trends in power electronics” on 15/02/2018
- “Guest Lecture on Communication Protocol” on 13/03/2018
- “Guest Lecture on PLC & industries 4.0” on 20/03/2018
- “Guest lecture "on Optimization Techniques using a suitable solver in SCILAB Software” by Mr. Rupesh Gosavi, Training and Consultancy MATLAB Associative, Pune on 23/03/2018
- “Guest lecture on Plastic Analysis” on 24/03/2018
- “Guest Lecture on Roll of Antenna in Communication” on 26/03/2018
- “Industrial visit to MSRTC Central Workshop Dapodi” on 04/04/2018

4. **Registering and submitting data for ranking surveys:**

- The compilation and submission of data for the National Institutional Ranking Framework (NIRF) by the Ministry of Human Resource Development (MHRD), Government of India, to rank all institutions of higher education in India was done by the IQAC



5. **The IQAC strive to institutionalize quality assurance strategies and processes through its interventions and suggestions in the following areas**

- Website Updation
- Feedback from stakeholders
- Alumni data base expansion
- Strategies for more effective functioning of the institute
- Streamlining and strengthening efforts towards effective documentation and easy retrieval of data through a system of monthly reports, thereby monitoring the curricular/co-curricular activities, the functioning of the various departments, committees, clubs and cells and statutory bodies of the College
- Conducting a SWOC Analysis of the College


6. **Feedback from Stakeholders:** Feedback forms were updated and feedback was collected from stakeholders to facilitate a review of the administrative and academic departments on the following aspects.

- Student, Parent and Alumnae General Feedback of the institution
- Student Feedback for Teacher Evaluation
- Course Feedback by student

7. **Initiatives on human values and professional ethics.**

- "Youth Empowerment program" by Smt. Rshmi Shukla IPS, Commissioner of Police, Pune on 15/09/17
- "Staff Developmet program for Class IV Staff" at Prathmesh Farm, Pune on 14/09/17
- "Teacher Guardian Faculty Development program" by Dr. Sapana Sharma on 02/09/17
- Motivational Talk on " My Transformation to Transform the Nation" by Swami Mitranandji on 29/08/17
- "Transformation of Teachers- from Deliverers of Knowledge to Facilitators of Learning" by Dr. D. B. Pathak IIT, Mumbai,(for faculty Members) on 13/06/17
- Faculty Development program (Chinmaya Vibhuti Ashram) on 22/08/17 & 23/08/17




Prof. K.M. Narkar
Co-ordinator IQAC