

INTERNAL QUALITY ASSURANCE CELL, PDEU

Minutes of Meeting: 30 Aug 2021 (Monday)

M1/2021-22

Dr. S. Sundar Manoharan	-	Chairman
Prof. Tarun Shah	-	Registrar
Dr. RK Vij	-	Member
Mr Abhinav Kapadia	-	Member
Mr Ankur Pandya	-	Member
Mr Deven Prajapati	-	Member
Dr. Nirav Patel	-	Member
Dr. Bhinal Mehta	-	Member
Dr. Debasis Sarkar	-	Member
Dr. Kaushal Kishore	-	Member
Dr. Ashish Joshi	-	Member
Mr. Vikrant Purohit	-	Member
Ms. Riddhi Thorat	-	Member
Mr Kunal Lalwani	-	Member
Mr. E Rajiv	-	Member
Dr. Vivek Pandya	-	Convener
Dr. Poonam Mishra	-	Convener

The chairman extended a cordial welcome to all the members. He emphasized to focus on all the ideas and concepts from different domains of all school. This shall extend help to address key aspects of University's development. Thereafter, the following points/agenda were discussed in seriatim.

**Agenda 1: To confirm the minutes of previous meeting.**

The members reviewed and confirmed the minutes of previous meeting.

**Agenda 2: To review the discussions and decisions taken at previous meeting.**

The members reviewed actions taken upon decisions of previous meeting

**Agenda 3: To discuss on engaging Alumni for their professional competence.**

The members discussed the importance of reaching out and engaging more number of Alumni. The committee also sought the need of Alumni to share their expertise of their professional lives with current students. They should



also involve in guiding the present students for their future course of engagements and act as a role model.

The members agreed to arrange alumni meet Department/school wise.

**Agenda 4: To improve communication & presentation skills of Technical Staff & Ph.D. research scholars**

The committee discussed that communication & presentation skills of Technical staffs also is vital while engaging the students in laboratory work. This shall help the students of the university to develop a better understanding on their practical courses with the help of the Technical Staff.

It was decided to conduct technical staff symposium so as to motivate and enhance the technical skills and their interactions/understandings of technical developments in other fields also. The activity shall bring-in the latent capacity within the staff members to supplement effectively the main stream academia.

It was also decided to conduct the Research Symposium for the Ph.D. Scholars to showcase their work across the university. This will also provide scope to the research scholars for defending their work through Question & Answer session before the general audience.

**Agenda 5: To improve the syllabus of the courses to enhance the employability of students.**

It was discussed that the courses offered in all schools should be reviewed and designed focusing Employability, Skill development or Entrepreneurship.

It was recommended that Course materials delivery should be made effective to serve the purpose of employability, thereby also to strengthen outcome based education.

**Agenda 6: Review of preparations for forthcoming International Conferences at University.**

The significance & planning / preparations of the following forthcoming International conferences were discussed in the meeting:

- (a) International Conference on Condensed Matter (ICCMDP-2021).



- (b) International Conference Artificial Intelligence and Machine Vision (AIMV).
- (c) International Conference "Additive Manufacturing and Advanced Materials : AM2-2021"

The responsibility to conduct the conferences were delegated to the concerned departments. Necessary support shall be provided by IQAC and allied departments.

**Agenda 7: ISO Certifications for University**

It was discussed to go for ISO Certification so as to bench mark the University with qualitative standards.

The committed thoroughly discussed the matter and recommended going for ISO (QMS 9001:2015 & EMS 14001:2015) – Certifications. A team was formed under the leadership of Head IQAC with members as Dr. Poonam Mishra, Dr Manoj Pandey, Dr Balamurali Mayya and Dr Anurag Kandya for taking the task further.

At the end of the meeting the Head IQAC thanked all the members.



Convener



**INTERNAL QUALITY ASSURANCE CELL, PDEU**

**Minutes of Meeting: 30<sup>th</sup> Nov 2021 (Tuesday)**

**M2/2021-22**

Dr. S. Sundar Manoharan	-	Chairman
Prof. Tarun Shah	-	Registrar
Dr. RK Vij	-	Member
Mr Abhinav Kapadia	-	Member
Mr Ankur Pandya	-	Member
Mr Deven Prajapati	-	Member
Dr. Nirav Patel	-	Member
Dr. Bhinal Mehta	-	Member
Dr. Debasis Sarkar	-	Member
Dr. Kaushal Kishore	-	Member
Dr. Ashish Joshi	-	Member
Mr. Vikrant Purohit	-	Member
Ms. Riddhi Thorat	-	Member
Mr Kunal Lalwani	-	Member
Mr. E Rajiv	-	Member
Dr. Vivek Pandya	-	Convener
Dr. Poonam Mishra	-	Convener

The chairman extended a cordial welcome to all the members. He emphasized to focus on Greater prominence to be ensured towards the conceptual and experiential rationality, methodological effectiveness and effective use of the information that is used to shape educational development and monitoring and improving high-quality education. Thereafter, the following points/agenda were discussed in seriatim.

**Agenda 1: To confirm the minutes of previous meeting.**

The members reviewed and confirmed the minutes of previous meeting.

**Agenda 2: To review the discussions and decisions taken at previous meeting and actions taken upon.**

The members reviewed actions taken upon decisions of previous meeting.



**Agenda 3: To consolidate on Projects, Patents, Publications & Consultancy.**

The committee discussed the need of more number of Research Projects, Consultations, Patents and Publications by Faculty members. It was felt that University should compete with national level premium institutions. This shall bring name in the field of Research & Development and Innovations and will attract more funds inflow for the same.

It was decided for "The Office of the Dean - Research and Development (DoRnD)" to lead the faculty of the University for raising their contribution in Projects/Patents and publications, and also to extend its support for writing the funded research projects from the initial stages of drafting project proposals till they are awarded for raising publications and transfer of technology leading to patent and prototype.

**Agenda 4: To focus on solution based research for Industry/Social complications.**

In view of Research and its applicability, the committee discussed that there should be a defined metrics for each research outcome.

It was decided to define and mark the research & innovation outputs in the form of a Technology readiness level (TRL) scale. Initial TRL 1-10 needs to be specified in view of computational methods to discuss recent advancements and trending topics and their attainability. TRL level 8-10 to be kept as the target for every faculty and student during their project cycle.

**Agenda 5: ISO (QMS 9001:2015 & EMS 14001:2015) Certifications.**

With the efforts by IQAC & support team, University underwent and completed a rigorous process of ISO (QMS 9001:2015 & EMS 14001:2015) and achieved the said certification on 29<sup>th</sup> Nov 2021.

The members expressed their satisfaction and agreed to maintain the status quo with the ISO's benchmarked quality norms in future also.

**Agenda 6: To increase Alumni Interactions.**

The members again emphasised to focus more of Alumni interactions in the future.



Mechanical department and SPM were appreciated for steering the Alumni interactions in the defined directions. Other departments were also encouraged for involving more and more Alumni.

**Agenda 7: Motivating and appreciating COVID19 Health champions.**

It was discussed by the members to mark an event for motivating COVID19 Health champions.

The responsibility to organise the event was delegated to Centre for Communication of Child Rights (CCCR) of the University.

**Agenda 8: Review of preparations for International Conference on "Nanomaterials for Energy Conversion and Storage Applications" (NECSA-2022)**

The members reviewed the requirements and preparations towards International Conference "nanomaterial's for Energy Conversion and Storage Applications" (NECSA-2022) which is scheduled on 19<sup>th</sup> – 21<sup>st</sup> Jan 2022.

SRDC presented the readiness status for the said conferences. The members expressed satisfaction and urged everyone to extend their whole hearted support to make the event a grand success.

**Agenda 9: To promote Research Methodology & Publication Ethics**

In view of the quality of Research work done at University, the committee discussed that more numbers of initiatives should be taken to promoting Research Methodology & Publication Ethics.

The committee recommended for School/Department to take initiatives in terms of Seminars, Workshops, Training Program, Webinars ,Courses etc. to be undertaken for promoting such activities.

At the end of the meeting the Head IQAC thanked all the members.



Convener



INTERNAL QUALITY ASSURANCE CELL, PDEU

Minutes of Meeting: 28<sup>th</sup> Feb 2022 (Monday)

M3/2021-22

Dr. S. Sundar Manoharan	-	Chairman
Prof. Tarun Shah	-	Registrar
Dr. RK Vij	-	Member
Mr Abhinav Kapadia	-	Member
Mr Ankur Pandya	-	Member
Mr Deven Prajapati	-	Member
Dr. Nirav Patel	-	Member
Dr. Bhinal Mehta	-	Member
Dr. Debasis Sarkar	-	Member
Dr. Kaushal Kishore	-	Member
Dr. Ashish Joshi	-	Member
Mr. Vikrant Purohit	-	Member
Ms. Riddhi Thorat	-	Member
Mr Kunal Lalwani	-	Member
Mr. E Rajiv	-	Member
Dr. Vivek Pandya	-	Convener
Dr. Poonam Mishra	-	Convener

The Chairman extended a cordial welcome to all the members. He reiterated that Quality education provides the outcomes which are needed for individuals, communities, and societies to prosper. Quality education should include not only literacy and numeracy but also wider life skills that empower them to be leaders and change-makers. Thereafter, the following agenda were discussed in seriatim.

**Agenda 1: To confirm the minutes of previous meeting.**

The members reviewed and confirmed the minutes of previous meeting.

**Agenda 2: To review the discussions and decisions taken at previous meeting and actions taken upon.**

The members reviewed actions taken upon decisions of previous meeting



**Agenda 3: To include more Skill development based Curriculum as per National Education Policy (NEP-2020).**

It was discussed by the members to include more activities which are Skill based and inclusive of transforming education incorporating the demands of Industry 4.0 (Engineering & Sciences) Education 4.0 (Liberal studies) and Logistics 4.0 (Management).

The committee recommended to focus on Quality of Industry Internship which is mandatory (end of semester-IV) for all the students in the Faculty of Engineering & Technology and Rural internship for one month is mandatory (end of II semester) for all the students in the faculty of liberal studies.

**Agenda 4: Attainment of Programme outcomes, Programme specific outcomes and course outcomes.**

The agenda was discussed in detail and concluded that Attainment levels in a course of study are to be assessed after every batch passing out for the program. Course file for each course is to be evaluated periodically by the HoD's / Director of the Schools. Remedial measures should be taken if some of the program outcomes are not achieved. Based on these analyses, the Course Outcome and Program Outcome related actions will be discussed in faculty meetings of the respective areas/branches.

**Agenda 5: Alumni Webinar on "Statistical Learning"**

The Committee appreciated the Theme Based (**Statistical Learning**) Alumni webinar on 03 Dec 2021 by Mechanical Department.

The committee recommended that such webinar in future should be continued which might offer online career fairs or host virtual networking events with tips for job interviews.

**Agenda 6: International Conference "Nanomaterials for Energy Conversion and Storage Applications" (NECSA-2022).**

The Committee expressed its satisfaction on the successful completion of NECSA-2022 which was organised on 19<sup>th</sup> – 21<sup>st</sup> Jan 2022. The members appreciated the conference theme which encourages the world to move



towards the other clean energy sources i.e. Photovoltaic, Hydrogen generation, Fuel cells and Batteries from the conventional sources of energy.

The committee appreciated the efforts put-in by organizing committee and with the objective to exchange information in order to help raise the awareness to the potential new opportunities, the new challenges and the new risks in the area of nanotechnology based Energy Conversion and Storage they asked SRDC to focus on NECSA-2023.

**Agenda 7: Celebrating COVID19 Health champions in Gujarat.**

As discussed and delegated in the previous meeting, Centre for Communication of Child Rights (CCCR), organised a program for 'COVID19 Health champions in Gujarat' in association with All India Radio as a joint initiative of UNICEF-Gujarat and PDEU. The workshop was organised on 21 Dec 2021. The theme of the program was based on Motivational aspects of Corona Warriors. The efforts of health workers, paramedics, volunteers, government and non-government agencies were acknowledged and appreciated.

The members expressed their satisfaction as such programs will make PDEU more vibrant and visible in the society.

**Agenda 8: Review of preparations for 1<sup>st</sup> International Conference on Advances in Water Treatment and Management (ICAWTM-22)" and Electric Vehicle Marathon.**

The preparations for the "ICAWTM-22" and Electric Vehicle Marathon scheduled on 25-26 Mar 2022 & 29 April 2022 respectively, were reviewed by the team.

The committee urged all departments to extend their support to make the event successful.

**Agenda 9: To work out the modalities for PDEU Collaboration with L&T Technology Services.**

The committee discussed towards developing a Centre of Excellence (CoE) focused on prioritizing innovations that strengthen clean and sustainable energy.



It was decided that the concerned faculty to consolidate the modalities of MoU required.

At the end of the meeting the Head IQAC thanked all the members.



Convener



INTERNAL QUALITY ASSURANCE CELL, PDEU

Minutes of Meeting: 30 May 2022 (Monday)

M4/2021-22

Dr. S. Sundar Manoharan	-	Chairman
Prof. Tarun Shah	-	Registrar
Dr. RK Vij	-	Member
Mr Abhinav Kapadia	-	Member
Mr Ankur Pandya	-	Member
Mr Deven Prajapati	-	Member
Dr. Nirav Patel	-	Member
Dr. Bhinal Mehta	-	Member
Dr. Debasis Sarkar	-	Member
Dr. Kaushal Kishore	-	Member
Dr. Ashish Joshi	-	Member
Mr. Vikrant Purohit	-	Member
Ms. Riddhi Thorat	-	Member
Mr Kunal Lalwani	-	Member
Mr. E Rajiv	-	Member
Dr. Vivek Pandya	-	Convener
Dr. Poonam Mishra	-	Convener

The chairman extended a cordial welcome to all the members. He recapped that the major activities as per the needs and standards of present scenario underlines the necessity for academic modification of curricula in consideration with employer's requirements. He emphasised to upsurge practical training so as to improve Student's skills and to become more adapted to Industry. Thereafter, the following points/agenda were discussed in seriatim.

**Agenda 1: To confirm the minutes of previous meeting.**

The members reviewed and confirmed the minutes of previous meeting.

**Agenda 2: To review the discussions and decisions taken at previous meeting and actions taken upon.**

The members reviewed actions taken upon decisions of previous meeting



**Agenda 3: Paving ways towards Excellence in teaching, research, innovation and societal impact.**

The members discussed on Robust Faculty Empowerment Schemes to enhance the potential of faculty/Tech. staff/Adm. Staff. For their participation in professional Institution, undergoing courses, attend national and international conferences. It was also recommended to encourage the faculty & staff through proper initiatives.

The committee recommended for Faculties to be motivated for joint and interdisciplinary projects and activities. Staff should also take up latest professional trends in the industry.

**Agenda 4: PDEU Collaboration with L&T Technology Services.**

The committee noted that L&T Technology services announced its collaboration with PDEU for development of sustainability solutions.

The committee viewed that this alliance will jointly develop a Centre of Excellence (CoE) focused on prioritizing innovations that strengthen clean and sustainable energy. The CoE will further pursue R&D in hydrogen generation, carbon capture, energy storage, & pumped storage.

**Agenda 5: The following were discussed in detail:-**

- (a) To groom more leadership among the faculty and students through more engaging initiatives.
- (b) To reinforce the National mission on Energy transition and to bring stakeholders more frequently to the campus in order to emerge with a new workforce.
- (c) To train more students with skills required for the newer challenges and to make them industry ready.
- (d) To have a bigger picture in training stakeholders at large, not only limited to PDEU but across PAN India to raise Global competence.

The committee decided to involve more faculties and students towards motivating them in view of National mission on Energy transition and raising



University's presence with Global competence, and to plan number of activities for the same.

At the end of the meeting the Head IQAC thanked all the members.



Convener