

PANDIT DEENDAYAL ENERGY UNIVERSITY

MINUTES OF 28TH MEETING OF ACADEMIC COUNCIL **HELD ON 25TH APRIL, 2025 AT 10:30 AM**

The following were present at the meeting:

1. Dr. S. Sundar Manoharan, Director General, Chairman of the Council
2. Dr. Gopal Mahapatra, Professor, Indian Institute of Management, Bangalore
3. Dr. Pradip K. Tewari, Professor, Indian Institute of Technology, Jodhpur (ONLINE Presence)
4. Dr. J. Ramkumar, Professor, Indian Institute of Technology, Kanpur (ONLINE Presence)
5. Col (Dr) Rakesh Kumar, Registrar, Secretary of the Council
6. Dr. Dhaval Pujara, Director - SoT
7. Dr. Dr A K S Suryavanshi, Director - SoM
8. Dr. Sitakanta Mishra, Dean - FoLS
9. Dr. Anirbid Sircar, Professor, Dept. of Petroleum Engineering
10. Dr. Nigam Dave, Professor, Dept. of Language, Literature and Aesthetics
11. Dr. T. P. Singh, Professor, Dept. of Mathematics
12. Dr. S. S. Kachhwaha, Professor, Dept. of Mechanical Engineering
13. Dr. Indrajit Mukhopadhyay, Professor, Dept. of Solar Energy
14. Dr. Vivek Pandya, Professor, Dept. of Electrical Engineering

The following members expressed their unavailability to attend the meeting due to unavoidable circumstances:

1. Dr. Nilesh Desai, Director, SAC-ISRO, Ahmedabad
2. Dr. Manoj Pandey, Professor, Dept. of Chemistry

The Professors, Deans, Heads of the Departments and Chairs of the Board of Studies also attended the meeting as invitees.

Dr. S. Sundar Manoharan, Director General & Chairman of the Council extended a cordial welcome to all the members and presented various developments, achievements, milestones and strategic plan of University to all the members for information.

Professor Ram Kumar appreciated the achievements of the University, particularly the growth in the H-Index and recommended to have the extended hours for the Library usage for the students.

Professor Pradeep Tewari congratulated the Director General and whole team for the securing various milestones such as H-Index, increment of the Section 8 companies, development of various Centre of Excellence, Industry - Academic collaborations, implementation of the Minor programmes and a commendable increase in the publications, patents and projects.

Professor Gopal Mahapatra praised the efforts made in achieving such a commendable growth. He specifically highlighted that the University is already working towards the future ready challenges to fulfill the gap of the trained workforce in the areas such as Semiconductor technologies, AI and ML, etc. He suggested the holistic development of the University through collaborations with leading industries and institutions.

Thereafter, the agenda were taken up in seriatim for discussion.



Agenda 28/1: To confirm the Minutes of the previous Meetings of the Council held on 29th November, 2024. (Annex.-1)

Minutes of previous meeting of Academic Council held on 29th November, 2024 were confirmed. It was proposed by Dr. Dhaval Pujara, Director, School of Technology and was seconded by Dr. AKS Suryavanshi, Director, School of Management.

Agenda 28/2: To consider the following Action Taken Report on the decisions taken at the previous meeting i.e. 27th Meeting held on 29/11/2024:

Agenda No.	Particulars of decision	Action Taken
2.1	The Committee noted and considered the Minutes of the previous Academic Council meeting.	
2.2	The Committee noted the Action taken on the decisions of the previous meeting.	
2.3	Change in the Merit Medal Criteria ratified and implemented	
2.4	<p>Agenda items pertaining to Faculty of Engineering & Technology.</p> <p>i. Credit Revision in 3rd and 4th Semester of M.Tech. Programmes, to fulfill the requirement of total credits to 80.</p> <p>ii. To consider and approve the change in the name of the programme of M.Tech (Energy Systems (Focused on Solar Energy)) to M.Tech (Energy Systems (Focused on Solar, EV and Green Hydrogen)) from the A.Y. 2025-26.</p>	<p>The credits for Project Phase I & Phase II and Dissertation in Semester 3 & 4, respectively for all M.Tech. Programmes are increased to 40. It has fulfilled the requirement of total credits to 80 for M.Tech. Program.</p> <p>The name change implemented from the admission year 2025-26.</p>
2.5	<p>Agenda items pertaining to Faculty of Management</p> <p>i. The Council approved BoS of FoM wherein 'a student can graduate in MBA program with "D" in not more than four courses. A student must maintain a minimum of 2.20 Cumulative Performance Index (CPI) out of 4</p>	Implemented.

	<p>in every academic year.</p> <p>ii. It was also proposed that at MBA program, total Credits for graduation may be kept at 90.</p> <p>iii. Foreign Language was made integral part of curriculum.</p> <p>iv. In-principle approval to commence Programmes “MBA – Fintech & Capital Market” and “MBA - Family Managed Business & Entrepreneurship” and to establish Executive Education Centre at Gift City, Gandhinagar. An approval note should be presented to the University Management for the final approval.</p> <p>v. Upto 35% of the classes must be taken by own faculty and balance by Visiting faculty. In future, own faculty must take over the teaching responsibility.</p> <p>vi. Proposed course curriculum to be reviewed and vetted by all the stakeholders.</p>	<p>Implemented.</p> <p>Implemented.</p> <p>The program structure is ready and the University needs to hire infrastructure at Gift City.</p> <p>Noted and under implementation.</p> <p>Noted and under implementation.</p>
2.6	<p>Agenda items pertaining to Faculty of Liberal Studies</p> <p>i. The revised re-appropriation of Course Credit Structure in B.B.A. (Hons.), B.Com. (Hons.), B.A. (Hons.), all M.A. and M.Com programmes.</p> <p>ii. Re-appropriation of revised course credit structure of reduced credit (from 6 to 4) in different UG programmes from batch 2024 onwards.</p>	<p>The BoS meetings of all departments were conducted during March-April 2025. A revised re-appropriation of Course Credit Structure in B.B.A. (Hons.), B.Com. (Hons.) and B.A. (Hons.) was devised and placed before the Board Members FoLS for deliberation and approval.</p> <p>The entire UG programme course credit structure has been re-appropriated with reduced credit from 6 to 4 to align with other schools pattern in the University.</p>

	<p>iii. Rural Internship is a flagship programme of SLS. SLS must try to improve the Rural Internship programme rather than diluting it.</p> <p>iv. Exposure to NCC must be given a relook.</p> <p>v. IEP to replace Rural Internship programme is not a good option. It should be reviewed.</p>	<p>Beside continuing with the guided social and rural immersion programme of students through NGO support, the flagship programme of Rural and Social Internship (SARI) has been reinvigorated by imparting of life saving skills and disaster management training with the help of Indian Red Cross Society, NDRF and Fire Brigade, on-campus.</p> <p>Exposure to NCC has been included as a credit course at the UG level with the help from university NCC from 2025 batch. A committee has been constituted at the School level to execute exposure to NCC.</p> <p>Rural Internship has been mapped as a mandatory credit course at the UG level, separate from IEP.</p>
2.7	<p><i>Prof. Mahapatra inquired about the development for the proposed programmes of School of Management to be launched at GIFT City. He mentioned that the global exposure is coming up at a very good pace at the GIFT City and PDEU should also take some advantage of it by collaborating with some good Universities there. The Director General mentioned that the Vice Chairman of the Board, Dr. Hasmukh Adhia is heading the GIFT City and we are taking his valuable inputs towards the further development.</i></p>	
2.8	<p><i>Prof. Mahapatra inquired about the development for the proposed programmes of School of Management to be launched at GIFT City. He mentioned that the global exposure is coming up at a very good pace at the GIFT City and PDEU should also take some advantage of it by collaborating with some good Universities there. The Director General mentioned that the Vice Chairman of the Board, Dr. Hasmukh Adhia is heading the GIFT City and we are taking his valuable inputs towards the further development.</i></p>	
2.9	<p><i>The Director General congratulated the Dean, School of Liberal Studies and all other faculties for putting rigorous efforts in revising the syllabus for the programmes offered at the School of Liberal Studies with an integration of Artificial Intelligence and incorporating the courses of Management and Science.</i></p>	
2.10	<p><i>Prof. Mahapatra recommended the inclusion of the ESG (Environmental, Social and Governance) in the courses offered of School of Liberal Studies. The Director General added that the courses offered at School of Liberal Studies have paraphrased SDG (Sustainable Development Goals) of United Nations.</i></p>	

2.11	<i>Prof. Pramod Paliwal further added that the a course on "Carbon Finance" which is very well linked to the ESG is being offered in the M.B.A. programme at School of Management since long.</i>
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The Action Taken Report as mentioned above was confirmed.

Agenda 28/3: To ratify various approvals granted by the Director General u/s 20 (3) of the PDEU Act, as presented at the meeting. (Annex.-2)

3.1 Discontinuation of M.Tech. (Civil Engineering (Transportation Engineering)) from the Academic Year 2025-26.

3.2 Renaming M.Tech. (Environmental Engineering) to M.Tech. (Environmental Engineering and Management) from the Academic Year 2025-26.

It was resolved to ratify the approval granted by the Director General u/s 20 (3) of PDEU Act, as presented.

Agenda 28/4: Agenda items pertaining to Faculty of Engineering & Technology

4.1 To consider and approve the Minutes of the Board of Studies for the Engineering programmes to be presented by the Dean / Director. (Annex. - 3)

(a) Dean - SoT presented the extracts of the Minutes of the Faculty of Engineering and Technology which includes the Minutes of the Board of Studies of all Departments of School of Technology.

(i) *Prof. Mahapatra recommended to collaborate with the leading Infrastructure / Construction companies and associations such as CREDIA for their inputs for the programmes which are offered through the Department of Civil Engineering. He also endorsed that the courses offered through the Department of Electronics and Communication Engineering should be vetted by the Technical companies who are into the core area Electronics and Communications.*

(ii) *Dr. Dhaval Pujara, Director, School of Technology briefed the council that the Board of Studies of every department has a good representation from the Industry and also it include the Alumni as one of the member.*

(iii) *Dr. Anirbid Sircar, Director, School of Energy Technology briefed the council that 10% of courses are taught by other than University faculty, which includes, Industry Personnel, Alumni and other Visiting faculty.*

(iv) *Prof. Pradip Tewari queried on need of changing the nomenclature of M.Tech. (Environmental Engineering) to M.Tech. (Environmental Engineering and Management). Dr. Tejas Thakkar, Dept. of Civil Engineering replied that to make the programme more generic in nature to cater the needs of the society, the nomenclature along with the course structure is updated. Prof. Tewari insisted that the optimization is must while updating the course structure.*



- (v) *Prof. Ram Kumar emphasized on the looking beyond the traditional learning methodologies.*
- (b) Dean - SoET presented the extracts of the Minutes of the Faculty of Engineering and Technology which includes the Minutes of the Board of Studies of all Departments of School of Energy Technology.
 - (i) *With reference to the Value added course on "Advancing Chemical Engineering", Prof. Pradip Tewari questioned whether only Open Source software will be used, as these are very dynamic and keep on changing frequently. And for another course on "Modelling Chemical Engineering and Allied Problems" why only COMSOL will be used.*
 - (ii) *Dr. Ashish Unarkat, HoD, Chemical Engineering replied that initially Open Source software will be used and it will be reviewed periodically whether to add any other softwares. Regarding COMSOL, the faculty of the department is having a good exposure and capability of its usage, which enhances the utility.*

It was resolved to approve the proposal as presented.

4.2 Discontinuation of M.Sc. (Mathematics and Computing) programme. (Annex. - 4)

It was resolved to approve the proposal as presented.

Agenda 28/5: Agenda items pertaining to Faculty of Management

5.1 To consider and approve the Minutes of the Board of Studies for the Management programmes to be presented by the Dean / Director. (Annex.-5)

- (a) Director - SoM presented the extracts of the Minutes of the Faculty of Management which includes the Minutes of the Board of Studies of School of Management.
 - (i) *Prof. Mahapatra appreciated the inclusion of Simulations as a part of learning for enhancement of hands-on experience. Today whole world is moving towards various simulation techniques. It is essential to update the versions of simulation softwares on regular intervals. Also students can be exposed to the cross domain simulations. Post learning, few exceptional methods can also be commercialized and a University level collaboration with NSDC can help in training and development.*
 - (ii) *Dr. Ashutosh Muduli, Professor, School of Management raised a concern regarding the increase in the work load for the students w.r.t. the number of credits to be earned during their tenure of the programme.*
 - (iii) *Director General commented that such matters may initially be discussed at School level with the School Directors and accordingly shall be placed to the Academic Council.*
 - (iv) *It was resolved to approve the proposal as presented.*

Agenda 28/6: Agenda items pertaining to Faculty of Liberal Studies

6.1 To consider and approve the Minutes of the Board of Studies for the Liberal Studies programmes to be presented by the Dean / Director. (Annex.-6)

- (a) Dean - FoLS presented the extracts of the Minutes of the Faculty of Liberal Studies which includes the Minutes of the Board of Studies of all Departments of School of Liberal Studies.
- (i) *Prof. Mahapatra inquired whether School of Liberal Studies have any faculty for courses related to Indian Knowledge System (IKS). In reply to it, Registrar told that we have appointed a faculty who takes care of the courses which are in-line with the IKS and also interacts with the Education Department of Govt. of Gujarat w.r.t. the Curriculum designing of IKS.*
- (ii) *Further Prof. Mahapatra suggested to include the topics which are related to the Indian society, law, socio economic environment as a multidisciplinary approach. He also suggested cross functional teaching across the schools.*
- (iii) *Prof. Tewari seek clarification on the course content of Energy and Environment offered by area of Economics. Dr. Naushin Nizami, HoD, Economics briefed that the course is designed considering the need of an hour in the area of Energy sector. The course covers all the energy resources and its mobility. Prof. Ramkumar felt that the content is too large to be taught in one course. This can be divided into two separate courses.*
- (iv) *Prof. Mahapatra discussed on the availability of any course which covers the Digital Communication including print and digital media. Dr. Sandesh Mahajan, HoD, Department of Mass Communication briefed that the courses offered by the department includes the journey from print media to OTT platforms. Prof. Mahapatra recommends that a professor from Mudra Institute of Communication, Ahmedabad should also be there in the Board of Studies.*

The proposal was approved by the Council.

Agenda 28/7: Additional points by the Chairman of the Council and Members

- (a) *The Director General requested the Prof. T. P. Singh, Controller of Examinations to brief the Council about the recent developments in the examination system. Prof. T. P. Singh highlighted on Mid Semester examinations, creating the template question papers, conducting the supplementary examinations, conducting the meetings of the Board of Examinations, wherein results of all the examinations are analyzed and then declared. There is a new provision of addition of upto 5 marks in each course based on the attendance.*
- (b) *All the developments were appreciated by the members. Prof. Ramkumar recommend to change the name from "Attendance" to "Class Participation", so that students gets motivated to perform well and not just mere come and attend the class. He further asked about the provision for students who want to improve their grades. Prof. T. P. Singh mentioned that there is a provision of conducting the Grade Improvement Examinations.*



(c) Prof. Mahapatra appreciated the efforts of all in making PDEU a progressive University. He concluded with few recommendations:

- Create your own MOOC courses
- Collaborate with the National Level Institutions
- Invite IIT / IIM faculty for expert sessions
- Enhance the utilization of Government grants
- Collaborate with the foreign faculty for research and projects

(d) The Council Chairman and the Director General appreciated the efforts and contributions of faculty. He insisted to invite the external member of the Council even without the academic council meetings. He also conveyed his deep appreciation to all HoDs for their constant endeavor as their term is about to get over soon. He also expressed his desire to invite all Associate Professors in the coming Academic Council Meetings.

The meeting ended with thanks to all external and internal members and also to all other invitees.


Director General
 21/5