DPU

DR. D. Y. PATIL VIDYAPEETH (DPU), PIMPRI, PUNE

(Deemed to be University)

(Accredited (3rd Cycle) by **NAAC** with a **CGPA** of **3.64** on four point scale at **'A++' Grade)**

(Declared as **Category - I University** by UGC Under Graded Autonomy Regulations, 2018)

ENVIRONMENTAL IMPACT

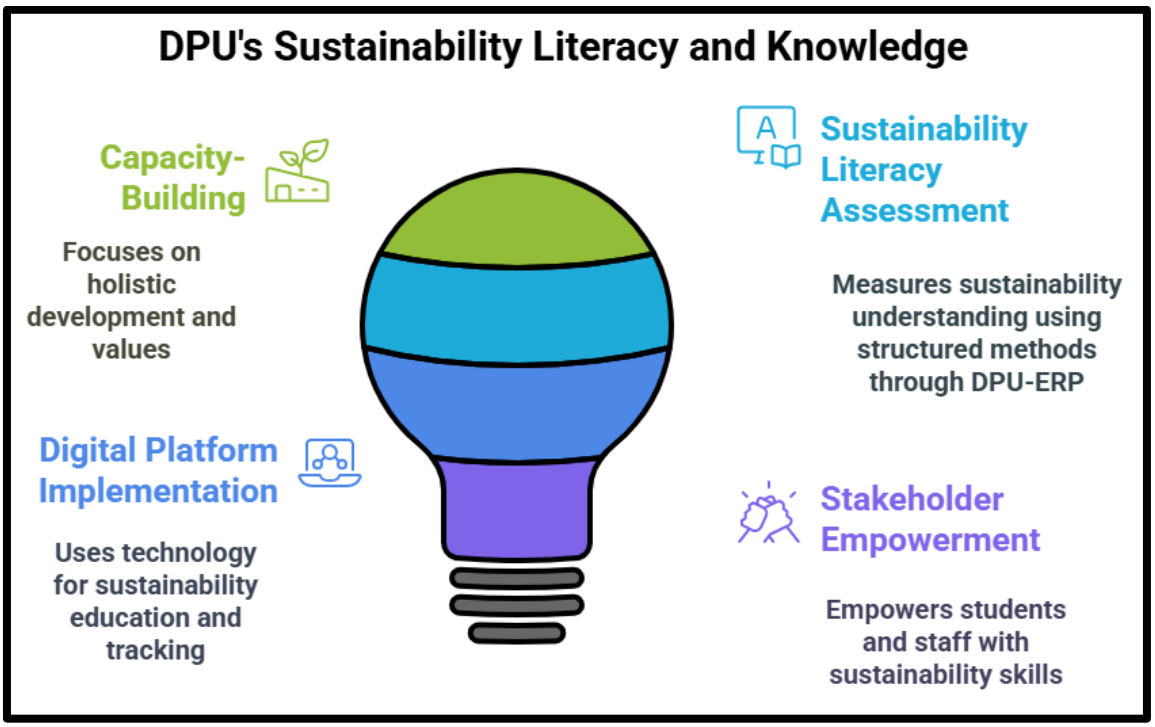
Environmental Sustainability

REPORT ON ASSESSMENT TOOL FOR ASSESSING SUSTAINABILITY LITERACY AND KNOWLEDGE OF ALL STAFFS AND STUDENTS

REPORT ON ASSESSMENT TOOL FOR ASSESSING SUSTAINABILITY LITERACY AND KNOWLEDGE OF ALL STAFFS AND STUDENTS

Dr. D.Y. Patil Vidyapeeth (DPU) is dedicated to integrating sustainability and the **Sustainable Development Goals (SDGs)** into its educational and institutional framework. By fostering a culture of environmental responsibility, DPU ensures that students, faculty, and staff across diverse discipline including Medical, Dental, Nursing, Management, Ayurveda, and others develop a deep understanding of sustainability principles and their practical applications.

A key initiative in this commitment is capacity-building, which focuses on holistic development by incorporating human values, environmental stewardship, and societal responsibility. To measure and enhance sustainability literacy, DPU employs a structured assessment methodology akin to the Sulitest Task. Through this, both students and staff participate in an objective test on environmental sustainability using an ERP-based system. The results are compiled in an annual report that provides a comprehensive structural overview of DPU's sustainability performance, identifying key areas for improvement and future growth.

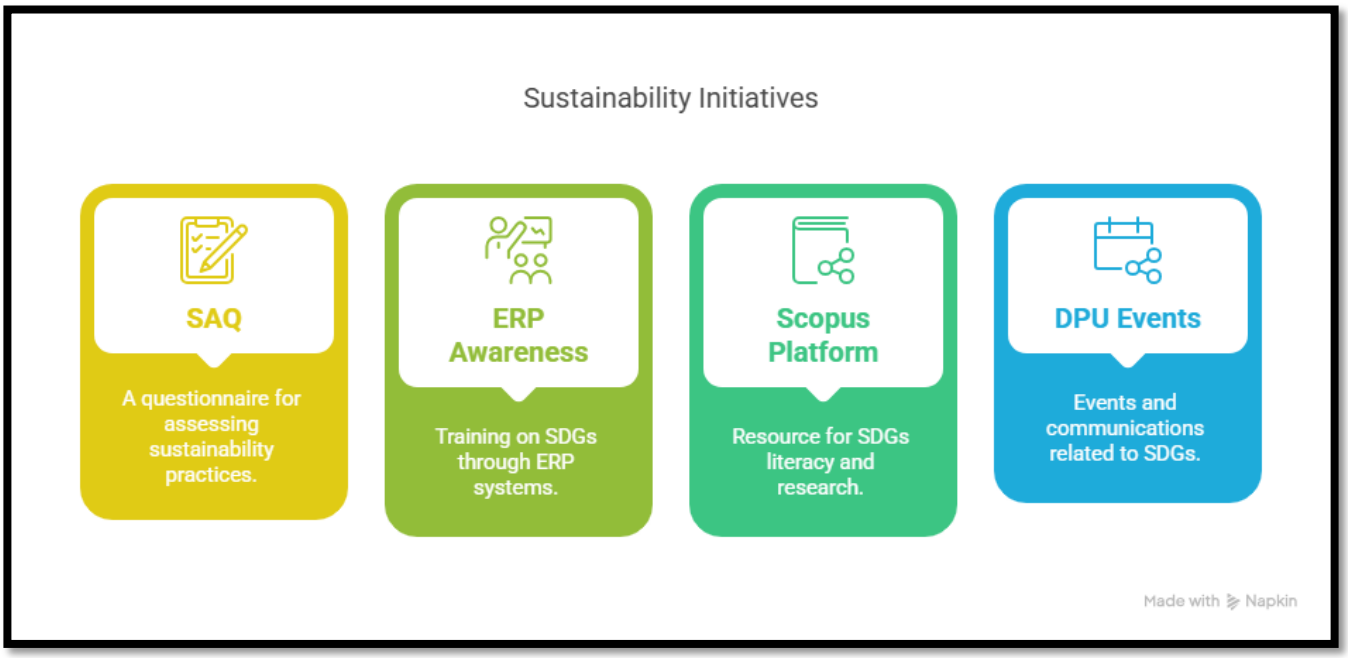


To further strengthen sustainability literacy, DPU has implemented an ERP-based digital platform tailored for teaching and non-teaching staff. This platform integrates quizzes, surveys, and interactive learning modules designed to assess and improve knowledge, attitudes, and practices related to sustainability. Real-time analytics facilitate personalized learning experiences and institutional sustainability tracking, ensuring continuous enhancement of environmental awareness and engagement.

By leveraging technology, DPU empowers stakeholders with essential skills for environmental stewardship, reinforcing its commitment to sustainable development and global responsibility. This strategic initiative not only deepens sustainability education but also enhances institutional decision-making, driving meaningful environmental impact and ensuring that sustainability remains a core pillar of the university's mission.

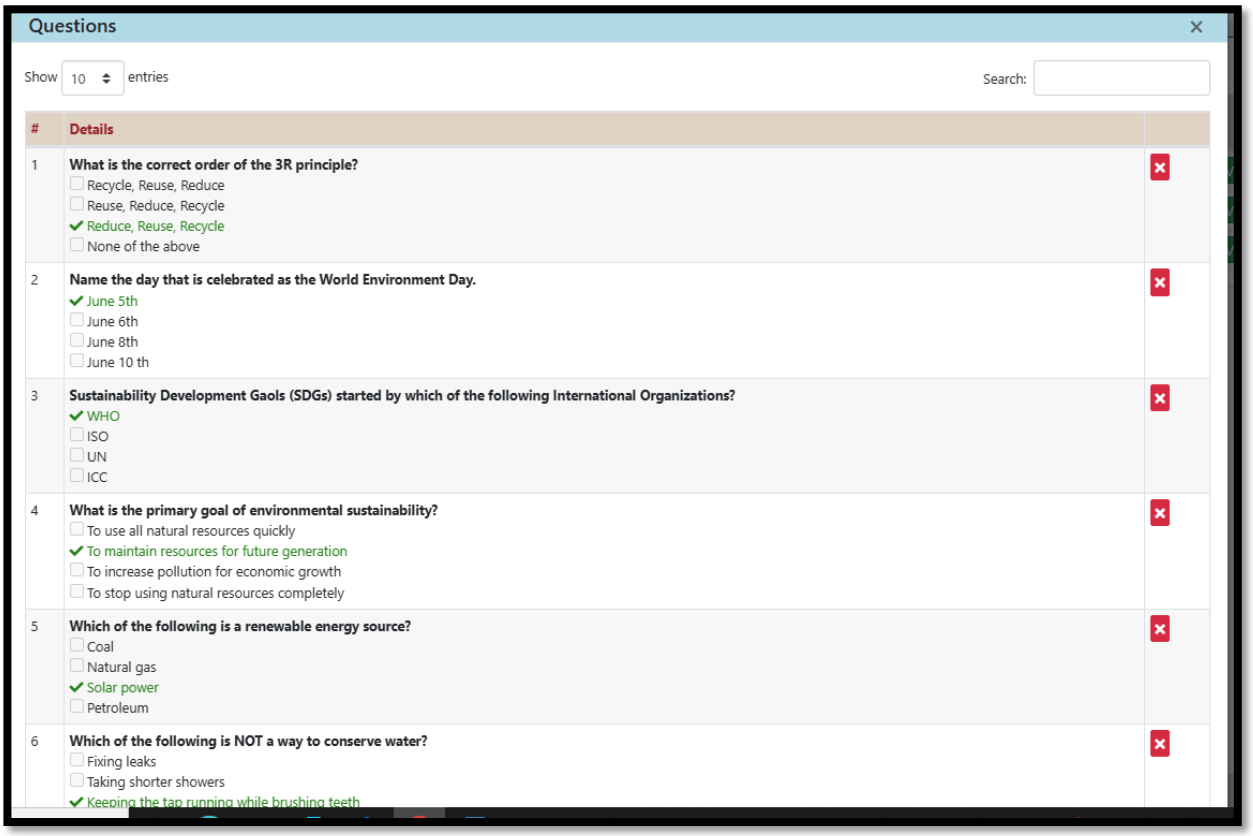
The below Sustainability Assessment Tools which are equivalent to Sulitest task are being used by DPU to promote campus sustainability through university environment management system, sustainability teaching and research and public participation and social responsibility

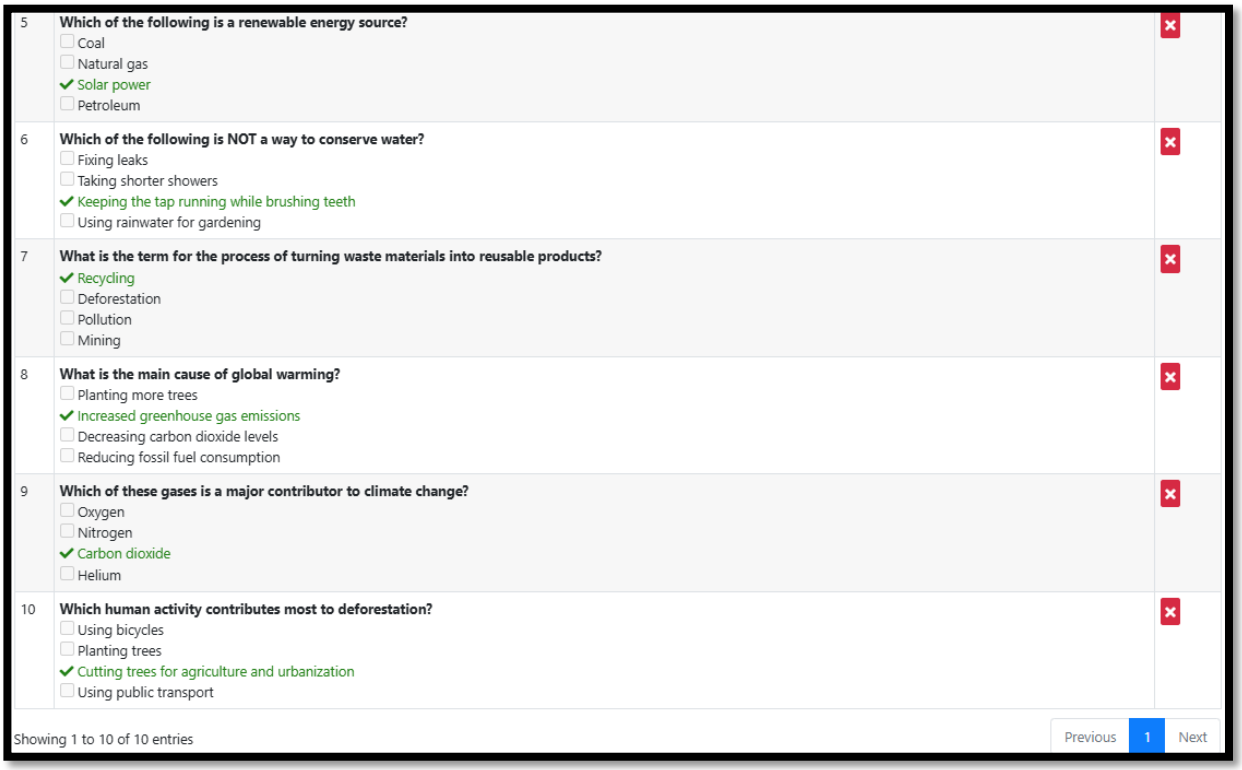
1) **The Sustainability Assessment Questionnaire (SAQ)**
2) **ERP based SDGs awareness**
3) **Scopus platform for SDGs literacy**
4) **DPU events and circulars linked to SDGs.**



1) The Sustainability Assessment Questionnaire (SAQ)

Objective test for environmental sustainability based on DPU-ERP platform





The assessment tool is aimed at all staff members and students within all institutions of DPU. The tool is flexible and can be customized for different levels of knowledge based on the target group (e.g., undergraduate students, graduate students, faculty)

The assessment tool is administered online through an accessible digital platform -DPU ERP. This ensures that all participants can access the tool and complete the assessment at their convenience.

Data collected from the assessments is analyzed to identify trends in knowledge gaps, areas of strength, and areas needing further attention. The results are compiled into a report that provides an overview of the sustainability literacy of staff and students as shown above.

ANALYSIS:

Student Feedback analysis					
	QUESTION 1: - What is the correct order of the 3R principle? As per my prospects				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	86.22	12.33	1.45	0	0
Dental	71.77	27.61	0.31	0.31	0
Biotechnology	21.77	33.62	34.49	8.36	1.74
GBSRC	84.5	15.19	0.31	0	0
Physiotherapy	70.77	29.2	0	0	0
Nursing	84	11.1	4.21	0.22	0.1
Optometry	68	20	8	5	0
	QUESTION 2: - Name the day that is celebrated as the World Environment Day. and extensive coverage				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	85.33	8.56	6.11	0	0
Dental	77.34	22.48	0.18	0	0
Biotechnology	19.16	34.14	33.27	11.15	2.26
GBSRC	86.5	13.19	0.31	0	0
Physiotherapy	70.34	29.64	0	0	0
Nursing	80	18.22	4	0.18	0.9
Optometry	75.46	24.54	0	0	0
	QUESTION 3: -Sustainability Development Gaols (SDGs) started by which of the following International Organizations? as per my prospects				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	85.56	9.22	5.22	0	0
Dental	81.67	15.49	2.84	0	0
Biotechnology	22.3	36.41	31.88	8.01	1.39
GBSRC	76.15	21.75	1.73	0.37	0
Physiotherapy	71.25	28.75	0	0	0

Nursing	80.2	17.3	4	10	0.96
Optometry	85.33	8.56	0	6.11	0
	QUESTION 4: - What is the primary goal of environmental sustainability?				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	83.67	12.67	3	0.66	0
Dental	78.35	21.02	0.63	0	0
Biotechnology	20.55	32.23	32.23	12.89	2.09
GBSRC	86.5	13.19	0.31	0	0
Physiotherapy	70.25	29.75	0	0	0
Nursing	79.1	15.1	4.55	0.19	20
Optometry	80.2	17.3	4	10	0.96
	QUESTION 5: - Which of the following is a renewable energy source?				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	83.22	13	3.78	0	0
Dental	76.45	18.36	4.88	0.31	0
Biotechnology	NA	NA	NA	NA	NA
GBSRC	NA	NA	NA	NA	NA
Physiotherapy	70.25	29.75	0	0	0
Nursing	81	19.11	4	0.35	0.9
Optometry	79	16.8	3.4	0.28	0.2
	QUESTION 6: - Which of the following is NOT a way to conserve water?				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	85.78	10.11	4.11	0	0
Dental	78.66	19.46	1.57	0.31	0
Biotechnology	20.9	32.75	35.19	9.23	1.91
GBSRC	79.5	15.19	5.31	0	0
Physiotherapy	75.46	24.54	0	0	0
Nursing	80	16.1	4.2	0.16	0.8
Optometry	81	19.11	4	0.35	0.9
	QUESTION 7: - What is the term for the process of turning waste materials into reusable products?				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	84.56	10.78	4.66	0	0
Dental	78.46	16.81	4.1	0.63	0
Biotechnology	25.26	30.83	31.18	9.4	3.31
GBSRC	86.5	13.5	0	0	0
Physiotherapy	70	28.5	1.5	0	0
Nursing	79	16.8	3.4	0.28	0.2
Optometry	80.22	16.2	3.3	0.28	0

	QUESTION 8: - Curriculum content - Strengthened my skills and knowledge				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	85	8.11	6.89	0	0
Dental	80.21	17.28	2.2	0.31	0
Biotechnology	20.38	32.57	36.23	8.88	1.91
GBSRC	84.5	15.19	0.31	0	0
Physiotherapy	75.11	14.72	10.17	0	0
Nursing	78.12	16.88	3.2	0.77	0.1
Optometry	70	28.5	1.5	0	0
	QUESTION 9: - Which of these gases is a major contributor to climate change?				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	85	8.11	6.89	0	0
Dental	80.21	17.28	2.2	0.31	0
Biotechnology	20.38	32.57	36.23	8.88	1.91
GBSRC	84.5	15.19	0.31	0	0
Physiotherapy	75.11	14.72	10.17	0	0
Nursing	78.12	16.88	3.2	0.77	0.1
Optometry	81.16	16.67	2.17	0	0
	QUESTION 10: - Which human activity contributes most to deforestation?				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	85	8.11	6.89	0	0
Dental	80.21	17.28	2.2	0.31	0
Biotechnology	20.38	32.57	36.23	8.88	1.91
GBSRC	84.5	15.19	0.31	0	0
Physiotherapy	75.11	14.72	10.17	0	0
Nursing	78.12	16.88	3.2	0.77	0.1
Optometry	75.22	14.52	10.26	0	0

Teachers Feedback analysis

	QUESTION 1: - What is the correct order of the 3R principle? as per my prospects				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	81.16	16.67	2.17	0	0
Dental	75	20.23	4.76	0	0
Biotechnology	57.14	28.57	14.28	0	0
GBSRC	80.2	14.45	5.35	0	0

Physiotherapy	79.4	10.52	10.08	0	0
Nursing	75	50.25	25	0	0
Optometry	87	11	2	0	0
	QUESTION 2: - Name the day that is celebrated as the World Environment Day.				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	83.33	12.32	4.35	0	0
Dental	72.61	23.81	2.38	1.19	0
Biotechnology	35.71	64.28	0	0	0
GBSRC	NA	NA	NA	NA	NA
Physiotherapy	75.22	14.52	10.26	0	0
Nursing	60.2	40.23	7.23	0	0
Optometry					
	QUESTION 3: - Curriculum Focus on competency/ employability/ entrepreneurship/ skill-development				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	80.44	17.39	2.17	0	0
Dental	72.61	26.19	1.19	0	0
Biotechnology	21.42	71.42	7.14	0	0
GBSRC	84.5	15.19	0.31	0	0
Physiotherapy	70.12	29.88	0	0	0
Nursing	65.23	33.23	12.3	1	0
Optometry	60	40	0	0	0
	QUESTION 4: - Programme outcome of the syllabus is well defined and clear				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	82.61	15.94	1.45	0	0
Dental	76.19	19.04	3.57	1.19	0
Biotechnology	50	35.71	14.28	0	0
GBSRC	86.5	12.19	1.31	0	0
Physiotherapy	72.33	23.33	4.34	0	0
Nursing	60.34	33.1	7.2	0	0
Optometry	78.57	21.42	0	4.78	0
	QUESTION 5: - Research oriented syllabus				
	Excellent %	**Very Good %**	**Good %**	**Average %**	**Poor %**
Medical	79.71	18.12	2.17	0	0
Dental	72.61	23.81	3.57	0	0
Biotechnology	57.14	28.57	14.28	0	0
GBSRC	74.2	15.19	8.3	2.31	0
Physiotherapy	72.33	23.33	4.34	0	0
Nursing	60.23	40	9	1.11	0
Optometry	64.28	35.71	0	4.64	0
	QUESTION 6: - Syllabus is suitable to the course				

	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	84.06	13.04	2.9	0	0
Dental	71.42	23.81	4.76	0	0
Biotechnology	35.71	64.28	0	0	0
GBSRC	84.5	15.19	0.31	0	0
Physiotherapy	70.33	23.33	6.34	0	0
Nursing	69.11	34	7	0.21	0
Optometry	78.57	21.42	0	4.75	0
	QUESTION 7: - The courses have good balance between theory and practical				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	81.88	15.22	2.9	0	0
Dental	75	21.42	3.57	0	0
Biotechnology	64.28	35.71	0	0	0
GBSRC	83.5	15.19	1.3	0	0
Physiotherapy	70.33	23.33	6.34	0	0
Nursing	63.5	30.2	9.12	1.65	0
Optometry	40	60	0	0	0
	QUESTION 8: - Curriculum content - Strengthened my skills and knowledge				
	Excellent %	Very Good %	Good %	Average %	Poor %
Medical	85	8.11	6.89	0	0
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Physiotherapy	71.25	28.75	0	0	0
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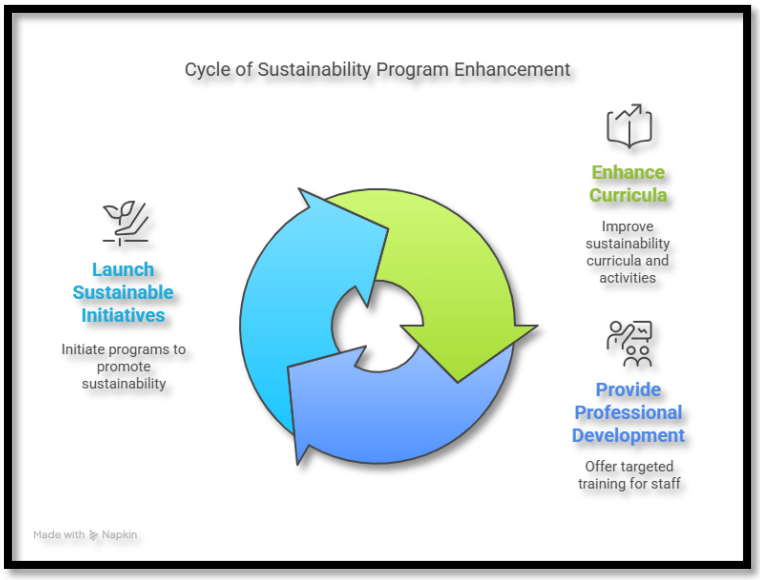
Biotechnology	57.14	28.57	14.28	0	0
GBSRC	80.2	14.45	5.35	0	0

Physiotherapy	79.4	10.52	10.08	0	0
Nursing	75	50.25	25	0	0
Optometry	87	11	2	0	0

The findings from this assessment informs the development of sustainability literacy programs within the institutions. By identifying key knowledge gaps, the DPU can:

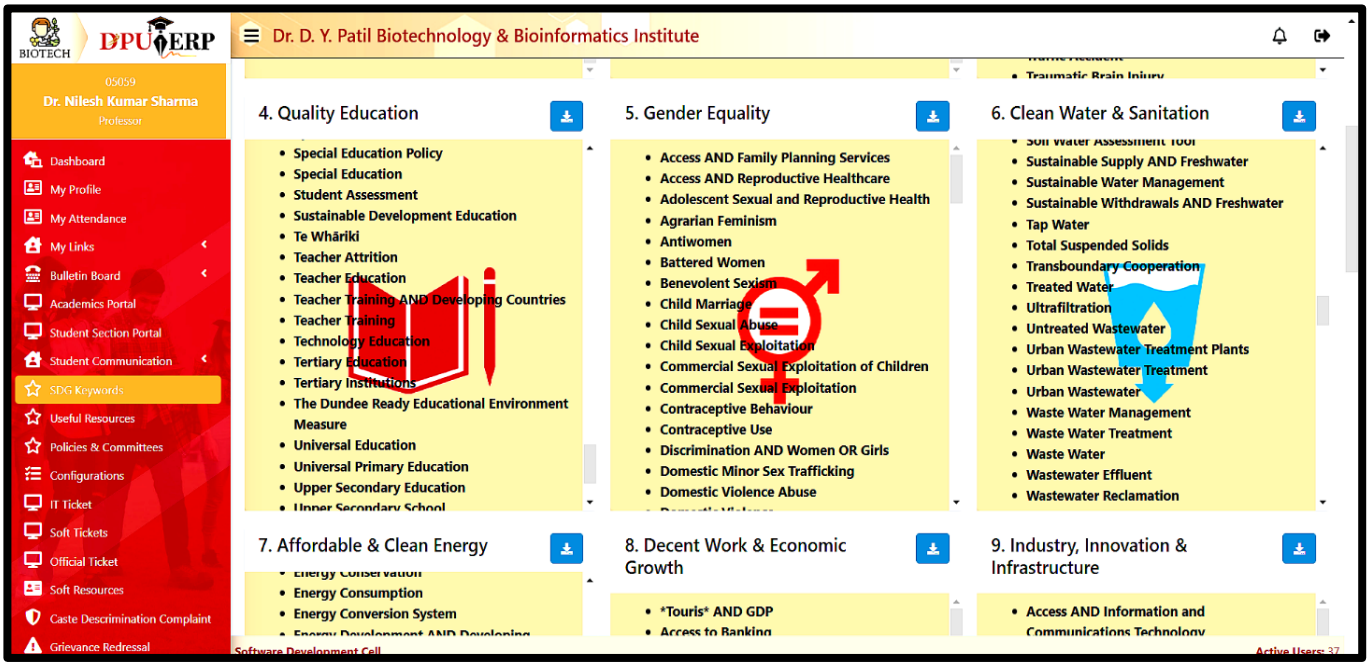
- Enhance existing sustainability curricula and activities.
- Provide targeted professional development for staff.
- Launch initiatives that promote sustainable practices within the institution.



2) ERP based SDGs awareness:

<u>DPU -ERP digital platform-based SDGs awareness program aims to:</u>

- Promote SDGs Literacy: Increase understanding of the SDGs, their relevance to global and local contexts, and their interconnectedness.
- Empower Action: Enable staff and students to apply sustainability principles in their academic, professional, and personal lives.
- Foster Collaboration: Provide a space for students, staff, and faculty to collaborate, share ideas, and take collective action toward achieving the SDGs.
- Monitor Progress: Evaluate the effectiveness of the program in improving sustainability literacy and awareness over time.

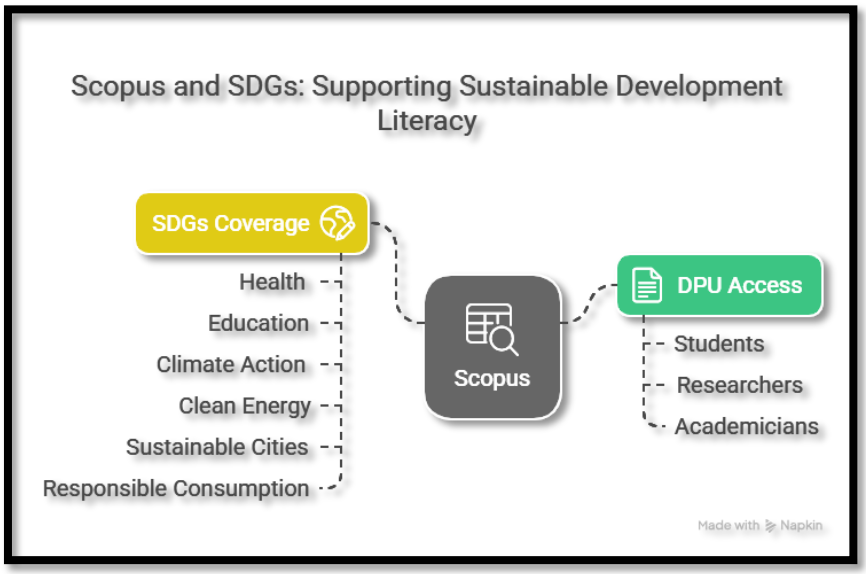


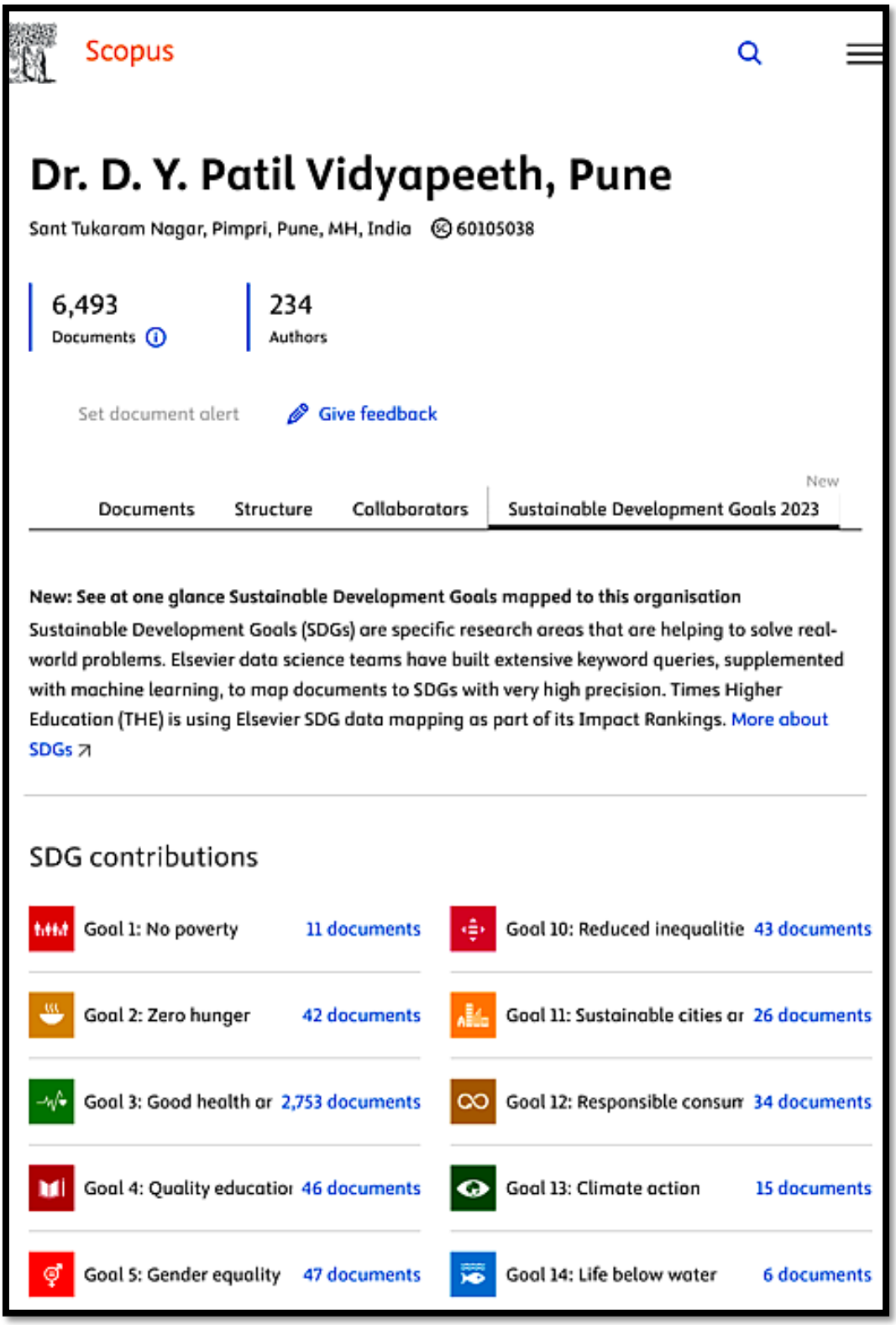
DPU-ERP platform for Literacy and Awareness on Sustainable Environment

3) Scopus platform:

Scopus is one of the world's largest abstract and citation databases for academic research, offering comprehensive coverage of various fields. When it comes to supporting Sustainable Development Goals (SDGs) literacy, Scopus plays a vital role by providing access to a wealth of research, data, and resources that enable students, researchers, policymakers, and practitioners to understand, analyze, and contribute to the global SDGs agenda.

DPU provides access to Scopus which indexes over 23,000 journals, providing researchers, students, and academicians access to a vast collection of peer-reviewed literature. These resources cover topics relevant to all SDGs, including health, education, climate action, clean energy, sustainable cities, and responsible consumption. Researchers can stay updated with the latest advancements and find evidence-based solutions to sustainable development challenges and hence contributes to sustainability literacy.

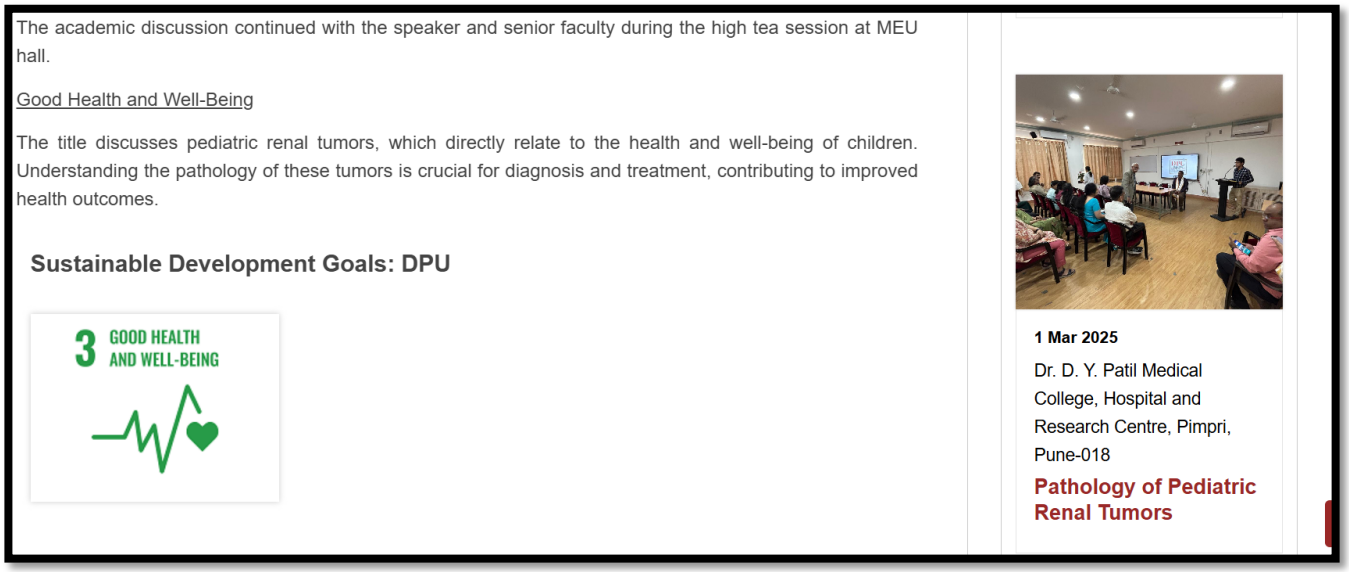


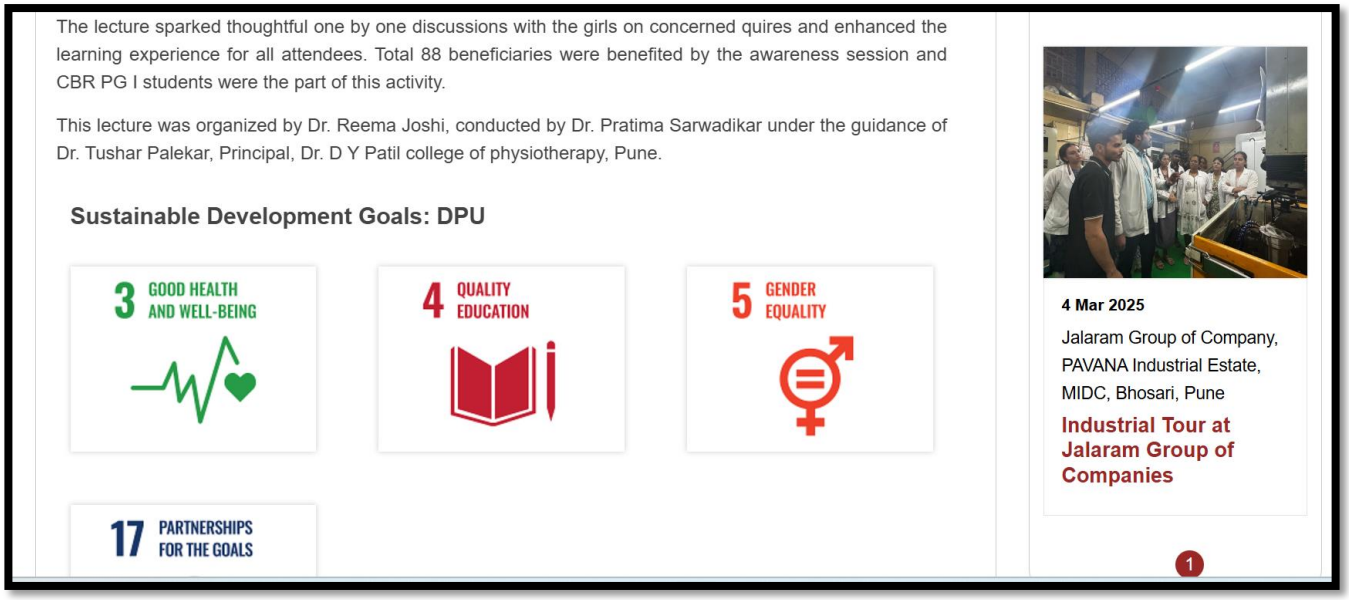


Staffs are sensitized through their SCOPUS profile accessed by DPU for Environmental Sustainability Literacy and Awareness.

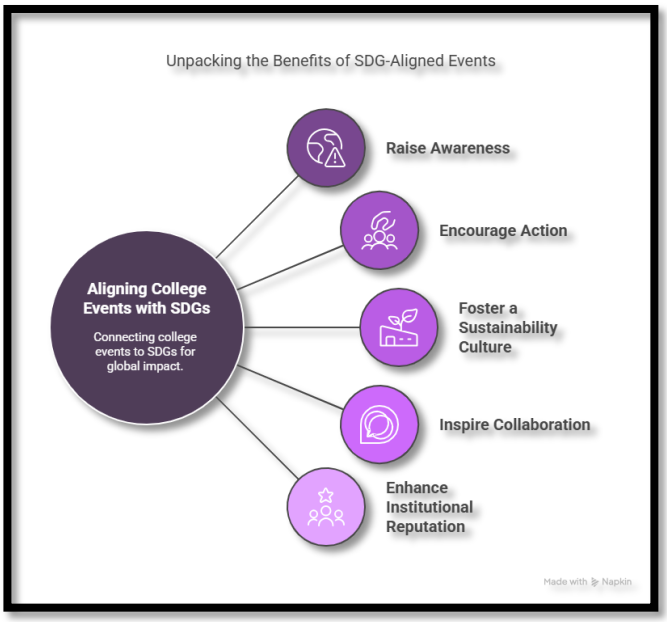
4) Events and circulars of colleges are linked to SDGs for better literacy of staff and students

- DPU plays a significant role in promoting the Sustainable Development Goals (SDGs) by incorporating sustainability themes into their activities, curricula, and events. By aligning college events with the SDGs, institutions can provide students, staff, and the broader community with opportunities to engage with and take action toward achieving these global objectives.
- One effective way to promote SDG awareness and action within a college community is by linking events to the SDGs on the college website. This approach not only enhances visibility of sustainability efforts but also engages the community in meaningful ways, helping to achieve collective progress towards sustainability.





In the above event details, explicitly mention the SDG(s) the event addresses. For example: "This event focuses on SDG 3: Good Health and Well being promoting literacy among staff and students to understand and promote health and well-being for all.

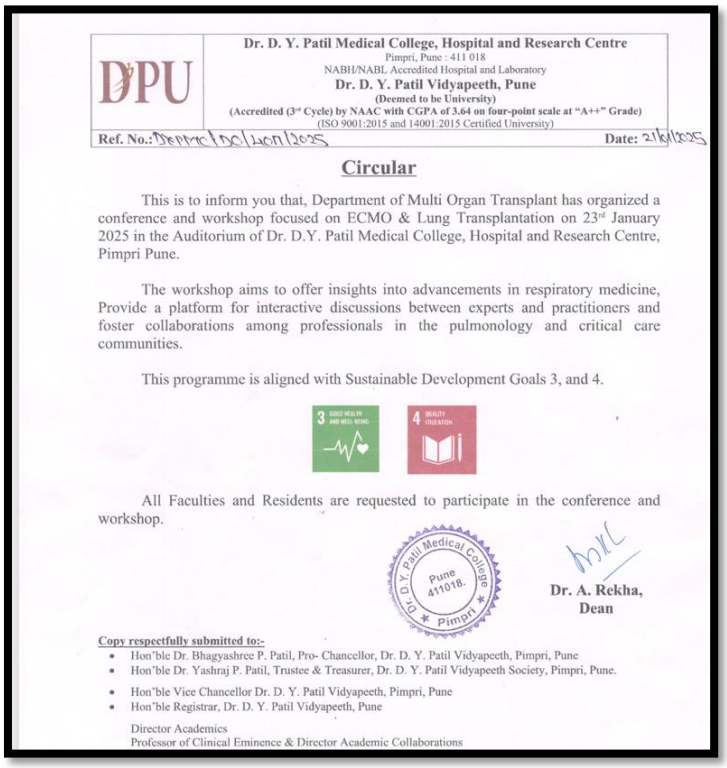


By categorizing events with specific SDGs, it becomes easier for all colleges at DPU to understand the focus of each event and its contribution to the global sustainability agenda and promote sustainability literacy.

- Linking college events to the Sustainable Development Goals (SDGs) on the college website is an excellent way to enhance awareness, engagement, and action around sustainability. By categorizing events, using clear SDG-related branding, and promoting collaboration across the institution, colleges can help foster a culture of sustainability that empowers students, staff, and faculty to contribute to global change.

Circulars from all institutions are linked to SDGs:

- DPU is a key player in fostering awareness, understanding, and action towards the Sustainable Development Goals (SDGs). One effective method for promoting sustainability literacy among students, faculty, and staff is by linking institutional circulars to the SDGs.
- Circulars serve as an important communication tool within institutions and can be leveraged to raise awareness, educate the community, and encourage actions aligned with the SDGs.
- By incorporating SDG-related content into institutional circulars, colleges and universities can actively contribute to sustainability education and demonstrate their commitment to achieving the SDGs. This strategy can foster a sense of collective responsibility, empower stakeholders to make sustainable decisions, and guide institutional practices towards sustainability.



Dr. D. Y. Patil Medical College, Hospital and Research Centre
Pimpri, Pune : 411 018
NABH/NABL Accredited Hospital and Laboratory
Dr. D. Y. Patil Vidyapeeth, Pune
(Deemed to be University)
(Accredited (3rd Cycle) by NAAC with CGPA of 3.64 on four-point scale at "A++" Grade)
(ISO 9001:2015 and 14001:2015 Certified University)

Ref. No.: DYPMC/DO/407/2025 Date: 21/01/2025

Circular

This is to inform you that, Department of Multi Organ Transplant has organized a conference and workshop focused on ECMO & Lung Transplantation on 23rd January 2025 in the Auditorium of Dr. D.Y. Patil Medical College, Hospital and Research Centre, Pimpri Pune.

The workshop aims to offer insights into advancements in respiratory medicine, Provide a platform for interactive discussions between experts and practitioners and foster collaborations among professionals in the pulmonology and critical care communities.

This programme is aligned with Sustainable Development Goals 3, and 4.

All Faculties and Residents are requested to participate in the conference and workshop.

Dr. D. Y. Patil Medical College Pune 411018. Pimpri

Dr. A. Rekha,
Dean

Copy respectfully submitted to:-
- Hon'ble Dr. Bhagyashree P. Patil, Pro- Chancellor, Dr. D. Y. Patil Vidyapeeth, Pimpri, Pune
- Hon'ble Dr. Yashraj P. Patil, Trustee & Treasurer, Dr. D. Y. Patil Vidyapeeth Society, Pimpri, Pune.
- Hon'ble Vice Chancellor Dr. D. Y. Patil Vidyapeeth, Pimpri, Pune
- Hon'ble Registrar, Dr. D. Y. Patil Vidyapeeth, Pune

Director Academics
Professor of Clinical Eminence & Director Academic Collaborations

Circulars linked to SDGs provide clear communication about the institution's sustainability objectives, policies, and initiatives. This fosters alignment between institutional actions and global sustainability goals.

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(ISO 9001:2015 and 14001:2015 Certified University)

Ref. No.: DYPMC/DO/305/2025 Date: 16/01/25

Circular

This is to inform you that, Department of Paediatrics has organized a Guest Lecture by **Dr. Arunkumar Singh,** Professor in Neonatology, AIIMS, Jodhpur on 18th January 2025.

Topic: **Newer Interventions in Perinatology**
Time: **11:00 AM to 01:00 PM**
Venue: **MEU Hall, 3rd Floor, Medical College Building**

The program will be followed by Certificate distribution ceremony for the students completed "Certificate Course in Lactation Counselling".

This programme is aligned with Sustainable Development Goals 3, 4, 5 and 9.

All Faculties and Residents of the Department of Obstetrics and Gynaecology and Department of Community Medicine are instructed to attend the guest lecture compulsorily.

Dr. D. Y. Patil Medical College Pune 411018. Pimpri

Dr. A. Rekha,
Dean

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- Hon'ble Vice Chancellor Dr. D. Y. Patil Vidyapeeth, Pimpri, Pune
- Hon'ble Registrar, Dr. D. Y. Patil Vidyapeeth, Pune

CONCLUSION:

- The assessment tool for evaluating sustainability literacy among staff and students is an essential step in fostering a culture of sustainability within academic and professional environments. By assessing the current level of understanding and knowledge, this tool will provide actionable insights into how to improve sustainability education, encourage informed decision-making, and promote sustainable practices across all levels of the institution.
- This tool not only evaluates knowledge but also empowers individuals to take actionable steps toward a more sustainable future, both personally and professionally. Through continuous evaluation and feedback, institutions can ensure that they are preparing the next generation of leaders to navigate and address global sustainability challenges.