



AKSOL
AKSOL RENEWABLES PVT. LTD.

#startupindia

Certificate No. DIPP24098

MEMORANDUM OF UNDERSTANDING (MOU)

Between

AKSOL RENEWABLES PVT LTD.



AKSOL
AKSOL RENEWABLES PVT. LTD.

And

**SANDIP FOUNDATION'S SANDIP INSTITUTE OF
ENGINEERING & MANAGEMENT (S.I.E.M.)**



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MEMORANDUM OF UNDERSTANDING (MOU)

AKSOL Renewables Private Limited and SANDIP INSTITUTE OF ENGINEERING & MANAGEMENT(S.I.E.M.), MAHIRVANI, NASHIK have entered into this Memorandum of Understanding (MOU) on this date 25/11/2020. The purpose of this MOU will be to recognise that the AKSOL Renewables Private Limited and S.I.E.M., Mahirvani, Nashik, who are in the process of discussion, have agreed to collaborate in the sphere of their respective system of engineering technology and training.

The collaboration will cover such issues as (but not limited to) curriculum enrichment, staff and student exchange, enrolment of their respective faculty/engineers programmes in each other's institutions, joint research, consultation, testing and R&D projects in the emerging areas of Renewable Energy field. Furthermore, it is envisaged that collaboration is extended to conduct mentoring programmes to the UG students of engineering in the areas advanced practices and technology of renewable energy through a Centre of Excellence, at SIEM.

This MOU establishes the framework for future co-operation, while specific initiatives, projects or opportunities arising from this MOU will be discussed, agreed and negotiated in the form of separate agreements.

During operation of this MOU, both parties may nominate from time to time, their respective faculties or engineers of their organizations to develop initiatives under this MOU.

It is envisaged that the parties will use their best endeavour to facilities this cooperation at all levels to advance learning/training/R & D for mutual benefit.





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It is understood that this MOU has no legal binding and cannot be construed as placing any legal requirements on either party, and both parties waive such legal obligation of each other under this MOU.

The term of this agreement shall come into force on the date of signing and shall remain valid for a period of two years, unless either party advises the other of its desire to terminate it earlier. This MOU will be reviewed after 22 months & and the same can be extended for a further period of two years or more as may be mutually agreed.

Signed by the parties:

For and on behalf of
AKSOL RENEWABLES PVT. LTD.


**AKSOL Renewables Private
Limited, Nashik**



For and on behalf of


S. J. E. M., MAHIRVANI,
Nashik
PRINCIPAL
SANDIP FOUNDATION'S
Sandip Institute of Engineering & Management
Mahiravani, Trimbak Road,
Tal & Dist. Nashik-422 219

In the presence of


.....
Signature of Witness

Place : Nashik

Date : 25/11/2020

Report on Seminar Conducted by AKSOL Renewables Private Limited

Department of Civil Engineering

Sandip Institute of Engineering and Management, Nashik

Date: January 15, 2021

Introduction

On January 15, 2021, AKSOL Renewables Private Limited, in collaboration with Sandip Institute of Engineering and Management, Nashik, organized a seminar aimed at providing students of the Department of Civil Engineering with insights into advanced practices and technologies related to renewable energy. This seminar was conducted as a part of the Memorandum of Understanding (MoU) between AKSOL Renewables Private Limited and Sandip Institute of Engineering and Management, focusing on knowledge sharing and mutual collaboration in the field of renewable energy.

Objectives

The primary objectives of the seminar were as follows:

1. To educate students about the importance of renewable energy in the context of sustainable development.
2. To provide an overview of advanced renewable energy technologies and their applications.
3. To showcase real-world projects and case studies in the field of renewable energy.
4. To encourage students to explore career opportunities in the renewable energy sector.
5. To strengthen the partnership between AKSOL Renewables Private Limited and Sandip Institute of Engineering and Management.

Seminar Highlights

1. Welcome Address

The seminar began with a warm welcome from the Department of Civil Engineering at Sandip Institute of Engineering and Management. Faculty members expressed their gratitude to AKSOL Renewables Private Limited for their collaboration and commitment to enhancing students' knowledge in the field of renewable energy.

2. Keynote Address

The keynote speaker from AKSOL Renewables Private Limited delivered an enlightening presentation on the global importance of renewable energy and its role in mitigating climate change. The speaker highlighted the need for sustainable energy solutions and the potential career opportunities in the renewable energy sector.

3. Advanced Renewable Energy Technologies

A series of presentations and interactive sessions followed, focusing on advanced renewable energy technologies such as:

1. Solar photovoltaic systems and their applications.
2. Wind energy systems and their design principles.
3. Energy storage solutions, including batteries and grid integration.
4. Emerging technologies like tidal and geothermal energy.

4. Real-World Projects

Representatives from AKSOL Renewables Private Limited shared case studies and real-world projects in the renewable energy sector. This provided students with insights into the practical applications of renewable energy technologies, including large-scale solar installations and wind farms.

5. Career Opportunities

A panel discussion involving experts from AKSOL Renewables Private Limited and academia addressed the career prospects and skillsets required for students interested in pursuing careers in renewable energy. The discussion was insightful and motivated students to consider this growing industry.

6. Q&A Session

A lively question and answer session allowed students to seek clarification and engage directly with the speakers and panelists, further enhancing their understanding of the topics discussed.

Conclusion

The seminar conducted by AKSOL Renewables Private Limited was a significant success. It not only provided students with valuable knowledge but also fostered a sense of enthusiasm and awareness about the importance of renewable energy. The collaboration between the organization and the institute proved to be beneficial in bridging the gap between academic learning and industry insights.

We would like to extend our sincere appreciation to AKSOL Renewables Private Limited for their expertise and commitment to educating the next generation of engineers and professionals in the field of renewable energy.

Acknowledgments

We express our gratitude to all the speakers, panelists, and participants who made this seminar a meaningful and informative event.



HOD, Department of Civil Engineering, Sandip Institute of Engineering and Management, Nashik

Report on Workshop Organized by AKSOL Renewables Pvt Ltd

Department of Civil Engineering

Sandip Institute of Engineering and Management, Nashik

Date: August 17, 2022

Introduction

On August 17, 2022, AKSOL Renewables Pvt Ltd, in collaboration with Sandip Institute of Engineering and Management, Nashik, conducted a workshop focused on training students in the application of renewable energy in green building practices. This workshop was organized as part of the Memorandum of Understanding (MoU) between AKSOL Renewables Pvt Ltd and Sandip Institute of Engineering and Management, with the aim of fostering knowledge sharing and collaboration in the field of renewable energy and sustainable construction practices.

Objectives

The primary objectives of the workshop were as follows:

1. To educate students about the role of renewable energy in achieving sustainable and green building practices.
2. To provide hands-on training on incorporating renewable energy technologies in building design and construction.
3. To showcase real-world examples and case studies of green buildings.
4. To inspire students to consider careers in the field of sustainable architecture and engineering.
5. To strengthen the partnership between AKSOL Renewables Pvt Ltd and Sandip Institute of Engineering and Management.

Workshop Highlights

1. Inaugural Address

The workshop commenced with an inaugural address by the Department of Civil Engineering at Sandip Institute of Engineering and Management. Faculty members welcomed the participants and expressed their gratitude to AKSOL Renewables Pvt Ltd for their dedication to enhancing students' knowledge in renewable energy and green building practices.

2. Keynote Presentation

A distinguished expert from AKSOL Renewables Pvt Ltd delivered a keynote presentation on the significance of renewable energy integration in green buildings. The presentation emphasized the environmental benefits, energy efficiency, and cost savings associated with green building practices.

3. Hands-On Training

The workshop included practical sessions where students had the opportunity to work with renewable energy technologies commonly used in green buildings, including:

1. Solar photovoltaic systems and their design considerations.
2. Energy-efficient lighting and HVAC systems.

3. Building energy management and monitoring.
4. Sustainable materials and construction techniques.

4. Case Studies

Representatives from AKSOL Renewables Pvt Ltd presented real-world case studies of green buildings that successfully incorporated renewable energy solutions. These examples showcased the practical applications and benefits of sustainable construction practices.

5. Career Pathways

A panel discussion featuring experts from AKSOL Renewables Pvt Ltd and academia explored career opportunities in the field of sustainable architecture and engineering. The discussion motivated students to consider pursuing careers in green building design and construction.

6. Q&A Session

A lively question and answer session allowed students to engage directly with the speakers and panelists, seeking clarification and expanding their knowledge on the workshop topics.

Conclusion

The workshop organized by AKSOL Renewables Pvt Ltd was a resounding success. It not only equipped students with practical knowledge but also ignited their enthusiasm for sustainable building practices and renewable energy integration. The collaboration between the organization and the institute proved to be instrumental in providing students with valuable insights into real-world applications.

We extend our heartfelt appreciation to AKSOL Renewables Pvt Ltd for their expertise and dedication to educating the future generation of engineers and architects in the field of renewable energy and green building practices.

Acknowledgments

We express our gratitude to all the speakers, panellists, and participants who made this workshop an educational and inspiring event.





Hod, Department of Civil Engineering, Sandip Institute of Engineering and Management, Nashik

Report on Visit to RMC Concrete Plant
Department of Civil Engineering
Pawar and Patkar Construction
Sandip Institute of Engineering and Management, Nashik

Date:

Introduction

On, the Department of Civil Engineering at Sandip Institute of Engineering and Management, Nashik, conducted a visit to the Ready-Mix Concrete (RMC) plant operated by Pawar and Patkar Construction. This visit was organized as part of the Memorandum of Understanding (MoU) between Pawar and Patkar Construction and Sandip Institute of Engineering and Management to provide students with practical insights into the production and application of RMC in the construction industry.

Objectives

The primary objectives of the visit were as follows:

1. To provide students with an understanding of the RMC production process.
2. To familiarize students with the equipment and technology used in RMC production.
3. To demonstrate the quality control measures employed in RMC production.
4. To showcase the sustainable practices implemented in the plant.
5. To highlight the importance of RMC in modern construction projects.

Plant Overview

The RMC plant operated by Pawar and Patkar Construction is a state-of-the-art facility located in [Insert Location]. It covers an area of [Insert Area] square meters and is equipped with modern machinery and technology for the production of high-quality RMC.

Visit Highlights

1. Production Process:

During the visit, students were given a comprehensive overview of the RMC production process. This included:

1. Aggregate selection and storage.
2. Cement and admixture handling.
3. Mixing procedures.
4. Transportation of the mixed concrete to construction sites.
5. Quality control and testing.

2. Equipment and Technology:

The RMC plant is equipped with advanced machinery and technology. Students had the opportunity to observe and interact with the following equipment:

1. Batching plant.

2. Transit mixers.
3. Concrete pumps.
4. Silos for cement and admixtures.
5. Computerized control systems.

3. Quality Control:

Pawar and Patkar Construction places a strong emphasis on quality control. Students learned about the various tests and inspections conducted at different stages of RMC production to ensure the concrete meets industry standards and project-specific requirements.

4. Sustainable Practices:

The visit also highlighted the sustainability initiatives employed by the plant, such as:

1. Water recycling and conservation measures.
2. Efficient energy usage.
3. Waste reduction and recycling.
4. Importance of RMC:

The management of Pawar and Patkar Construction conducted an informative session on the importance of RMC in modern construction projects. They emphasized its advantages, including enhanced durability, reduced construction time, and minimized environmental impact.

Conclusion

The visit to the RMC plant operated by Pawar and Patkar Construction provided students with valuable insights into the practical aspects of RMC production and its significance in contemporary construction practices. It was a mutually beneficial experience, fostering a deeper understanding of the industry and promoting collaboration between academia and the construction sector.

We would like to extend our sincere gratitude to Pawar and Patkar Construction for their hospitality and willingness to share their expertise with our students. We believe that such visits play a crucial role in bridging the gap between theoretical knowledge and real-world applications in civil engineering.

Acknowledgments

We extend our thanks to all the staff and management at Pawar and Patkar Construction for their cooperation and support during the visit.

HOD, Department of Civil Engineering Sandip Institute of Engineering and Management
Nashik