



SANDIP FOUNDATION'S, SHRI RAM POLYTECHNIC

Neelam Vidya Vihar, Village - Sijoul, Post – Mailam,

District – Madhubani, BIHAR – 847235

Approved by AICTE, New Delhi and Affiliated to SBTE, Patna, Bihar

NATIONAL SEMINAR ON RECENT ADVANCEMENT IN ENGINEERING-

10/04/2023 & 11/04/2023

Submitted By: HOD – CE / ME,

Submitted To Principal: Prof. Sanjay Kumar Jha

Date and Place: - 10/04/2023 to 11/04/2023, SF-SRP Main Building, Madhubani (BR)

FDP Title: Recent Advancement in Engineering.

Duration: Morning Session 10:30 AM To 12:30 PM, Afternoon Session 2:00 PM to 3:30 PM

INTRODUCTION

A seminar is an educational or academic event where a group of people, typically with common interests or expertise, gather to discuss and exchange ideas, knowledge, and information about a particular topic or subject. Seminars can be formal or informal, and they may take place in various settings such as educational institutions, workplaces, conferences, or online platforms.

In a seminar, a speaker or a group of speakers' present information, insights, or research findings related to the topic of the seminar, and participants engage in discussions, ask questions, and share their own perspectives or experiences. Seminars are often interactive and participatory, encouraging active engagement and learning from all participants.

OBJECTIVE

The objective of this seminar was depending on the recent advancement in engineering, but some common objectives were:

1. Knowledge sharing: Seminars are often organized to facilitate the exchange of knowledge, insights, and information among participants. The objective may be to disseminate new research findings, share best practices, or provide updates on a particular field or subject.
2. Learning and education: Seminars can be designed to provide educational opportunities for participants to acquire new knowledge, skills, or perspectives. The objective may be to enhance participants' understanding of a particular topic or subject, deepen their expertise, or foster lifelong learning.
3. Networking and collaboration: Seminars can serve as platforms for participants to network, connect with peers, and establish professional relationships. The objective may be to facilitate collaboration, partnership building, or community engagement within a particular field or industry.
4. Discussion and dialogue: Seminars often encourage active participation and engagement among participants, promoting discussions, debates, and dialogues. The objective may be to foster critical thinking, facilitate meaningful conversations, or encourage diverse perspectives on a particular topic or issue.
5. Problem-solving and innovation: Seminars can be organized to address specific challenges, brainstorm solutions, or explore new ideas or innovations. The objective may

be to foster creative thinking, problem-solving skills, or generate novel insights or approaches.

6. Personal and professional development: Seminars may aim to support the personal and professional growth of participants. The objective may include enhancing leadership skills, improving communication or presentation skills, or building confidence in a particular area of expertise.

PROGRAMME HIGHLIGHTS:

The national seminar on recent advancement in engineering was organized over a period of two days and consisted of a series of lectures, panel discussions, and interactive sessions. The programme covered a wide range of innovative and emerging thrust areas in civil, electrical, and mechanical engineering, including but not limited to:

The programme featured renowned experts from academia and industry as resource persons, who shared their insights and experiences in the aforementioned thrust areas through lectures and interactive sessions. Hands-on workshops were conducted to provide participants with practical exposure to the latest tools, techniques, and technologies in civil, electrical, and mechanical engineering.



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TWO DAYS NATIONAL SEMINAR

ON

RECENT ADVANCEMENT IN ENGINEERING

April 10th & 11th 2023

Schedule Hybrid (Online & Offline) Mode

DATE	Session I (10:30 AM-12:00 Noon)		Session II (02:00 PM - 3:30 PM)	
10-04-2023	Inaugural Ceremony 10.00 AM	<b style="color: red;">Role of Engineers in Decision Making Dr. Kumar Neeraj Jha, Professor IIT Delhi, India	<b style="color: red;">Technical Challenges of Processing Low Contents Energy Dr. Om Prakash, Professor NIT Patna, India	
11-04-2023	<b style="color: red;">Role of Welding Technology in Materials Additive Manufacturing Dr. Soumen Mandal, Assistant Professor Bit Mesra, Ranchi (Patna Campus), India		<b style="color: red;">Manufacturing of Pin-Fin Heat Exchangers for Micro Electronics Cooling Dr. Chandrakant Kumar Nirala, Assistant Professor IIT Ropar, India	Valedictory Programme & Feedback Session 3:30 PM

OUTCOME

Some outcomes of the seminar include:

1. Increased knowledge: Seminars are often designed to provide attendees with new knowledge and insights on a specific topic. The outcome of such a seminar could be an increased understanding of the topic and related fields.
2. Networking opportunities: Seminars can also provide attendees with opportunities to network with other professionals and build relationships that could lead to future collaborations and opportunities.
3. Improved skills: Some seminars may focus on providing attendees with new skills or improving existing ones. The outcome of such a seminar could be an improvement in the attendees' ability to perform their jobs or complete specific tasks.

CONCLUSION

Overall, the conclusion of this seminar is an opportunity to bring together the key ideas and discussions from the event and provide attendees with a clear understanding of the main messages and recommended actions moving forward.

FDP Participation Details		
1	Name of Convener	Prof. Ajay Kumar Prof. Chandra Prakash
2	College	Sandip Foundation's , Shri Ram Polytechnic
3	Venue	SF- SRP, Main Building, Madhubani, Bihar
4	Date	10/04/2023 To 11/04/2023
5	Branch	Civil/ Mechanical/ Electrical
6	No. of Participant (In-house / Out-house)	135
7	About Event	Recent Advancement In Engineering



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TWO DAYS NATIONAL SEMINAR ON RECENT ADVANCEMENT IN ENGINEERING
Scheduled From April 10th & 11th 2023
Hybrid (Online & Offline) Mode

G20
INDIA 2023

ORGANIZED BY
DEPARTMENT OF CIVIL AND MECHANICAL ENGINEERING

FOR FREE REGISTRATION
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DR. KUMAR NEERAJ JHA
PROFESSOR
IIT DELHI

DR. OM PRAKASH
PROFESSOR
NIT PATNA

DR. C K NIRALA
ASSISTANT PROFESSOR
IIT ROPAR

DR SOUMEN MANDAL
ASSISTANT PROFESSOR
BIT MESRA RANCHI (PATNA CAMPUS)

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Poster of the Event





Snap During Programme



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Snap of Valedictory Programme





Media Coverage of the Event

समाचार सार

इंजीनियरिंग में हालिया प्रगति पर संगोष्ठी



संगोष्ठी में शामिल प्रतिभागी व शिक्षक • जागरण

जागरण संवाददाता, मधुबनी : अंधराठाढी के सिजौल स्थित संदीप फाउंडेशन के श्रीराम पालीटेक्निक, नीलम विद्या विहार के प्रशासनिक भवन में हाइब्रिड मोड में इंजीनियरिंग में हालिया प्रगति पर दो दिवसीय राष्ट्रीय संगोष्ठी का आयोजन किया गया। विद्या की देवी माता सरस्वती की चित्र पर पुष्पांजलि के साथ प्रारंभ संगोष्ठी में 'निर्णय लेने में इंजीनियरों की भूमिका', 'कम सामग्री वाली ऊर्जा को संसाधित करने की तकनीकी चुनौतियां', 'सामग्री योग्य निर्माण में वेल्डिंग प्रौद्योगिकी की भूमिका' व 'माइक्रो इलेक्ट्रानिक्स कूलिंग के लिए पिन-फिन हीट एक्सचेंजर्स का निर्माण' जैसे विषयों पर आइआइटी दिल्ली के प्रो. कुमार नीरज झा, आइआइटी पटना के प्रो. ओम प्रकाश, आइआइटी रोपार के प्रो. सीके निराला, बीआइटी मेसरा के प्रो. साउमन मंडल का विशेष व्याख्यान छात्र-छात्राओं के लिए काफी लाभकारी हुआ।



“इंजीनियरिंग के क्षेत्र” में हुए प्रगति पर दो दिवसीय राष्ट्रीय संगोष्ठी का समापन

Technology

April 12, 2020 • Editor • Leave A Comment

मधुबनी 12 अप्रैल 2020 ... संदीप फाउंडेशन श्री राम पॉलिटेक्निक नीलम विद्या विहार सिजौल, मधुबनी के प्रशासनिक भवन में हाइब्रिड मोड में आयोजित इंजीनियरिंग में हालिया प्रगति पर जागरण प्रति दो दिवसीय राष्ट्रीय संगोष्ठी का समापन कार्यक्रम क्रमबद्ध रूप से हुआ। जिस में कि संगोष्ठी का शुभारंभ 10 अप्रैल 2020 (सोमवार) सुबह हो हुआ था। कार्यक्रम के प्राचार्य प्रो० संजय कुमार झा, पी० (ऑन) कुमर नीरज झा, आइआइटी दिल्ली के साथ सभी विभाग के डिपार्टमेंट्स में सरकारी शिक्षण वृत्त, सर्वत्र कर कार्यक्रम का शुभ संकेत किया था।

निर्णय लेने में इंजीनियरों की भूमिका, कम सामग्री वाली ऊर्जा को संसाधित करने की तकनीकी चुनौतियां, सामग्री योग्य निर्माण में वेल्डिंग प्रौद्योगिकी की भूमिका, माइक्रो इलेक्ट्रानिक्स कूलिंग के लिए पिन-फिन हीट एक्सचेंजर्स का निर्माण जैसे विषयों पर भारतीय वास्तवीय संस्थाओं के व्याख्याताओं का व्याख्यान हुआ। (ओम प्रकाश (आन(ऑन) कुमार नीरज झा, आइआइटी दिल्ली, (ओम प्रकाश (आन(ऑन) कुमार नीरज झा, आइआइटी दिल्ली एवं दूसरे दिन (सीके निराला, आइआइटी रोपार एवं प्रो०(सीके) साउमन मंडल बीआइटी मेसरा, लॉन्गे (पटना कैंपस) का विशेष व्याख्यान हुआ।

भारत के जल-जलन पांशों से 75% से अधिक प्रतिभागी कार्यक्रम में शामिल हुए। कार्यक्रम के अंत में उपस्थित प्रतिभागियों को प्रमाणपत्र प्रदान किया गया। राष्ट्रीय के दौरान संस्थान के छात्रों (ऑनलाइन) द्वारा पूरे से बराबर कि सभी ने किया प्रतिभागियों को उनके गैर-कृत हैमल गानों पर हैमल जमीन के बाद हैमल-एन-एन क्षेत्रों में

अंत में सभी प्रतिभागियों के साथ जुड़े हुए सभी प्रतिभागियों (ऑनलाइन) का धन्यवाद करने हुए कार्यक्रम को समाप्त करने की घोषणा की।