



Workshop on Empowering Women Engineers through Pedagogical Skills (EWPS - 2025)

*Under the aegis of
ANRF (SERB) -INAE
Women Engineering Program*

February 21 - 22, 2025



ORGANIZED BY
National Institute of Technology
Hamirpur
Hamirpur, Himachal Pradesh
177005
Web: www.nith.ac.in

Aim & Objective of Workshop

The workshop "Empowering Women Engineers through Pedagogical Skills" (EWPS-2025) aims to enhance the teaching and learning capabilities of women engineers, equipping them with the pedagogical skills needed to become effective educators, mentors, and leaders in the field of engineering. The program seeks to utilize the precious knowledge of galaxy of experts to foster a supportive and inclusive learning environment, empowering participants to learn and confidently share their expertise and knowledge while promoting gender equity in engineering. The objectives of the workshop are to equip women engineers with innovative and effective teaching methodologies to improve classroom engagement and student learning outcomes, provide skills and strategies for doing research and mentoring young students, fostering a new generation of women in engineering and leadership roles. The women engineers shall be able to hone their mentoring abilities, communication and presentation skills and motivate participants to continue advancing their pedagogical skills and stay updated with emerging trends in engineering education and new education policy of India (NEP 2020).

Who can Attend:

Female faculty members from academic and technical institutions and female research scholars at different levels M.Tech/Ph.D can also apply.

Logistics:

Accommodation (twin sharing basis), travel expenses to Participants from AICTE/UGC approved institutes who attend the workshop in full (both the days, all sessions) are eligible for reimbursement of roundtrip 3-AC train/AC bus tickets from their place of work to Hamirpur or INR 5000 whichever is lower. Local taxi conveyance expenses are not eligible for reimbursements.

The tentative topics to be covered during the workshop:

S. NO.	Day-1 Title of the Session	Day-2 Title of the Session
1	Outcome Based Education	Soft Skills: The Backbone of Sustainable Human Capital
2	Lesson Planning and Execution	Implementation of New Education Policy
3	Project Proposals writing for Research Funding	Advancing Research and Innovation in the Contemporary Landscape
4	Channelizing Curiosity to Novelty Learning to do Research and Technology Integration	Challenges and Opportunities in Teaching Profession
5	Good Teaching Practices for development and empowerment	Role of Inspiring & Ideal Teachers for Nation Building

Important Dates:

Application deadline: February 10.

Communication to the shortlisted candidates:
February 12, 2025.

Eligibility Preferentially B.Tech/BE and registration will be on first come first serve basis.

Workshop Registration:

Step 1: Kindly register by filling the registration link as below :

https://docs.google.com/forms/d/1rUop_7yleobhMrvtCj87G0yNzln-FbrnAb92xn_UihM/edit

Step 2: Upload duly signed NOC by head of institution /department in the link provided at Step 1

ABOUT NIT HAMIRPUR

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence on 7th August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh.

At the time of inception, Institute had only two departments i.e, Civil and Electrical Engineering having an intake of 30 students in each. On 26th June 2002, REC Hamirpur was awarded the status of Deemed University and upgraded to National Institute of Technology. NIT Hamirpur is an institute of National importance set up by an act of Parliament namely the National Institute of Technology Act 2007 which received the accent of the President of India on 5th June, 2007. The provisions of Act came into force

with effect from 15th August, 2007 as per notification S.O.1384(E) dated 9th August, 2007 of the Department of Higher Education, MHRD, New Delhi. As per provisions of the said Act, the Institute runs on non-profit basis.

The goals of the Institute as embodied in logo are truly remarkable in their scope and vision. The Institute offers Bachelor, Master and Doctoral programmes in Engineering, Sciences, Architecture Management and Humanities. The Institute spares no effort to foster the spirit of national integration among students, a close interaction with industry and laying strong emphasis on research.

The institute has the flexibility to evolve and change in response to requirements of the Industry and happenings in technical world. Various programmes serve the purpose of building a comprehensive foundation of knowledge and of enhancing confidence, creativity and innovation in its students.



The NIT Hamirpur campus is situated at Anu in Hamirpur district of Himachal Pradesh and is nearly 4 Kms away from main bus stand of Hamirpur on Hamirpur-Tauni Devi road. The city of Hamirpur is well connected with the rest of the country by road. Hamirpur is at a distance of about 450 Kms from Delhi and 200 Kms from Chandigarh.

Nearest broad gauge railway junction is at Una (Himachal Pradesh), at a distance of around 80 Kms from Hamirpur. Una is well linked to all parts of country and journey is of nine hours from Old Delhi Railway Station. Taxi/Bus services are available from Hamirpur to Una. To find details about train service from different cities towards Una, The nearest airport is at Dharamshala (Gaggal, District Kangra) which is about 75 Kms (02 Hours) from Hamirpur, Chandigarh International Airport is at about 200 Kms (About 04 Hours) from here.

ANRF (SERB)

SERB The Science and Engineering Research Board (SERB) is a statutory body established through an Act of Parliament. Supporting basic research in emerging areas of Science & Engineering are the primary and distinctive mandate of the Board. SERB aims to build up best management systems which would match the best global practices in the area of promotion and funding of basic research. Promotes basic research in Science and Engineering and to provide financial assistance to persons engaged in such research, academic institutions, research and development laboratories, industrial concerns and other agencies for such research and for matters connected therewith or incidental thereto are the primary and distinctive mandate of the Board. N

INAE

The Indian National Academy of Engineering (INAE), founded in 1987 is an Autonomous Professional Body partly supported by grant-in-aid from the Department of Science & Technology, Government of India. INAE comprises India's most distinguished engineers, engineer-scientists, and technologists covering the entire spectrum of engineering disciplines. INAE functions as an apex body and promotes the practice of Engineering and technology and the related sciences for their application for solving problems of national importance.

Organizing Committee

Patron: Prof. H.M. Suryawanshi
(Director cum BoG Chairman), NIT Hamirpur

Co-Patron: Prof. Anoop Kumar
(Dean FW), NIT Hamirpur

Organizing Chair: Dr. Archana S. Nanoty
(Registrar), NIT Hamirpur

Chairperson: Dr. Veena Sharma
Email: (veena@nith.ac.in)

Coordinators: 1. Dr. Sivaji Chakravorti
(Vice President INAE)
2. Dr. Gargi Khanna
3. Dr. Bharti Koul

Conveners: 1. Dr. Sunder Kala Negi
2. Dr. Rinshu Dwivedi

Contact Details:

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Dr. Bharti Koul
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Scan to reach : NIT Hamirpur



***Registration Link:**

https://docs.google.com/forms/d/1rUop_7yl_eobhMrvtCj87G0yNzIn-FbrnAb92xn_UihM/edit



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Organised by NIT Hamirpur

NO OBJECTION CERTIFICATE

Dr./Ms. is a research scholar/post-doctoral fellow/
faculty in..... (center/department/school
name) _____. She is interested to attend the 2-day workshop on Empowering
Women Engineers through Pedagogical Skills (EWPS-2025) funded under the aegis of ANRF (SERB) -
INAE Women Engineering Program, A Collaboration Initiative in Engineering, scheduled from 21-02-
25 to 22.02.2025 at NIT Hamirpur. I understand that this program is useful for scholar/post-doctoral
fellow/ faculty who are interested in considering teaching/engineering as a career choice. As head of
Institution/Department, I do not have any objection in her attending the program. If selected, she will be
permitted to attend the program in full, from 21-02-25 to 22.02.2025 at NIT Hamirpur

Date:

Signature of Head of Institution/Department
(with seal)

Department/Center/School: