

About AMRITSAR GROUP OF COLLEGES

Amritsar Group of Colleges (AGC) (Formerly known as Amritsar College of Engineering & Technology/Amritsar Pharmacy College) was established by Amritsar International Foundation Trust in year 2002. AGC with its world-magnificence environment and superior learning system is ranked among the best engineering colleges in North India, and is affiliated to I.K.G Punjab Technical University, Kapurthala and AICTE approved and accredited by the National Board of Accreditation (NBA) (2009-12 & 2016-18) and the National Assessment & Accreditation Council (NAAC) with Grade 'A'. Its tremendous growth in a short span of time explicates its success in the education sector. It is an EdCIL India Limited (Govt. of India enterprise) partner Institute which conveys the wide edges of learning making it a global study center by taking the honor for the acclamation of the learners from various countries like Nepal, Bhutan, Sri Lanka, Burma, East Africa, and other countries.

About DR. B. R. AMBEDKAR NIT JALANDHAR

Dr B R Ambedkar National Institute of Technology was established in the year 1987 as Regional Engineering College and was given the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Education (Shiksha Mantralaya), New Delhi. Now the Ministry of Education (Shiksha Mantralaya), Government of India has declared the Institute as "Institute of National Importance" under the act of Parliament-2007.

ABOUT DEPARTMENT OF ELECTRICAL ENGINEERING

B. Tech in Electrical Engineering will bring to your knowledge the design and how of various electrical and electronic systems, such as electrical circuits, generators, motors, electromagnetic / electromechanical devices, telecommunications, electronic devices and circuits, optoelectronic devices, optical fibers, computer systems, and instrumentation controls, etc.

Top EE Colleges in Punjab exposes students to a plethora of career options. The students can practice engineering privately, or work in the Research and Development department of multinational companies. AGC being an NBA accredited college in Punjab offers a specialized curriculum for Electrical Engineering Courses.

Chief Patron (s)

Adv. Shri Amit Sharma, Chairman, AGC
Madam Ragini Sharma, Director Finance, AGC

Patron (s)

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Prof. Binod Kumar Kanaujia, Director, Dr. B. R. Ambedkar NIT Jalandhar
Prof. Ajay Bansal, Registrar, Dr. B. R. Ambedkar NIT Jalandhar

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Dr. Narinder Sharma, Dean R&D, AGC Amritsar
Dr. Gurjit Singh, Head (Electrical Engineering), AGC Amritsar
Dr. Renu Gupta, Head, Centre for Energy and Environment, Dr. B. R. Ambedkar NIT Jalandhar

Co-Ordinator(s)

Dr. M. K. Jha, Professor, HAG, Dr. B. R. Ambedkar NIT, Jalandhar
Prof. Bimal Kumar, Associate Prof. Department of Electrical Engineering, AGC, Amritsar
Dr. Anurag Tiwari, Asst. Professor, Dr. B. R. Ambedkar NIT, Jalandhar

Important Dates

Last date of registration is 19th May, 2023

Registration Fees

Faculty and Research Scholar: **Rs. 500/-**
Industry Participants: **Rs. 2000/-**

The Participants need to pay the Registration Fee online using the following details:

Account Name: **Amritsar Group of Colleges**
Account Number: **50100476672275**
IFSC Code: **HDFC0000856**



Faculty Development Program

on

ADVANCES ON NON-CONVENTIONAL ENERGY SOURCES

(May 22nd - 26th, 2023)



Organized by

Department of Electrical Engineering
Amritsar Group of Colleges, Amritsar

In Association with

Department of Energy and Environment
Dr. B. R. Ambedkar National Institute of
Technology, Jalandhar

Background & Objectives

Energy is the driving force behind all economic activities. In particular, the availability of suitable and sufficient energy sources, development of environmental friendly utilization technologies and the cost of energy have been extremely important factors needing immediate attention. The aim of this FDP is to impart research skills to the beginners, improve the quality of research among the existing researchers in the area of renewable energy. This programme will bring a positive transformation among the faculty members towards research work and enable the participants to develop competence in understanding recent advances in renewable energy systems.



Who should attend

The Programme is open to the faculty from Government, Government Aided, Private and Self Financing Polytechnics/ Engineering Colleges/Degree Colleges/ Universities.

Benefits to the Participants

- An exposure about the current research areas in various domains in non-conventional energy sources.
- To become more productive and practical for providing the best technical solutions
- To meet and establish network with experts in the related fields of electrical engineering.
- To learn latest tools used for implementing the novel material applications in industry/academia
- Certificate of participation will be given to participants

Course Contents

- **Various types of Non-Conventional Energy Sources.**
- **Electrical Vehicle's Future in India**
- **Future of Non-Conventional Energy Sources in India**
- **Micro-Grid**
- **National Education Policy (NEP) 2020 Implementation**
- **Non-Conventional Energy Sources Journey of India**
- **Advances in Material Science for development of Renewable energy Sources**
- **Research Publication: Ways and Ethics**
- **Accreditation Preparation for Educational Institutes**
- **Prospectus of Solar Energy in India**
- **Wind Energy, technology and Geographical Aspects**
- **Renewable Energy Technologies**
- **Perspectives of electrification of vehicles**

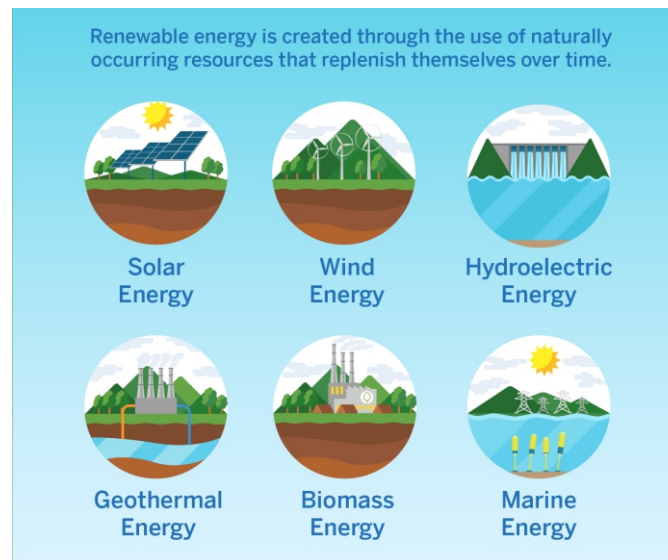
Amritsar Group of Colleges

12Km Stone, Amritsar-Jalandhar G.T Road, Amritsar-143001, Ph No. 0183-5014756, Fax: 01835069535

www.agcamritsar.in

Dr. B.R. Ambedkar NIT, Jalandhar

<https://www.nitj.ac.in/>



Resource Person

Expert faculties from prestigious Institutes and reputed institute like Dr. B. R. Ambedkar National Institute of Technology, Jalandhar and IET Lucknow will provide hands on experience.

How to Apply

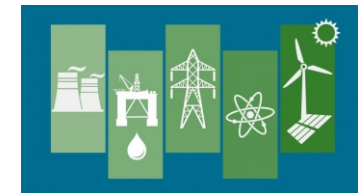
Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/4FfaNRCBn7xZbk669>

(Click here for FDP Registration)



ADVANCES ON NON-CONVENTIONAL ENERGY SOURCES



Address for Correspondence

Prof. Bimal Kumar
Associate Professor,
Department of Electrical Engineering,
Amritsar Group of Colleges, 12 Km Stone,
Amritsar – Jalandhar G.T. Road,
Amritsar – 143001 (Pb.) INDIA
Email: fdp.ances@gmail.com
Contact: +91-9815511810