

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 JECRC

A journey of Two decades for JECRC, having more than 4000 students on campus under 7 UG programs, has earned laurels to their students, faculty members and the institute in many ways. More than 20000 alumni's spread over the globe has climbed the ladder to leadership positions and providing mentorship to their juniors by way of skill development, incubation, startup, research, and angel funding. Faith by government agencies for providing a grant of more than 2 crores for setting up a centre of excellence, state of art facilities for startup & incubation, and providing a platform to the students to develop their technical and managerial skills that are helping students to get placement in a reputed organization. Contribution towards International publications, technical activities, co-curricular activities by faculty members, students, and delivery of outcome-based education is recognized by National Assessment and Accreditation Council (NAAC), National Board of Accreditation (NBA) and AICTE.

About Department of Applied Science

Applied Sciences Department was established in 2002 which aims to excel by imparting multidisciplinary education to B.Tech 1st year students along with holistic development. Department offers B. Tech courses in all branches of Engineering (Civil Engineering, Computer Science and Engineering, Mechanical Engineering, AI&ML, Electrical Engineering). Department has well equipped laboratories to impart practical training to the students in the field of Engineering Physics, Engineering Chemistry and Communicative English Skills.

Chief Patron (s)

Adv. Shri Amit Sharma, Chairman & CEO, AGC
Shri O.P. Agrawal, Chairman, JECRC
Madam Ragini Sharma, Director Finance, AGC
Shri Arpit Agrawal, Vice Chairperson, JECRC

Patron (s)

Dr. Rajneesh Arora, Managing Director, AGC
Dr. V. K. Banga, Principal, AGC Amritsar
Dr. V. K. Chandna, Principal, JECRC Jaipur

Chair(s)

Dr. Narinder Sharma, Dean R&D, AGC Amritsar
Ms Binod Kaur, Head (Applied Sciences), AGC Amritsar
Dr. M. P. Singh, Coordinator IQAC, JECRC Jaipur

Co-Ordinator(s)

Dr. Navdeep Singh, Deputy Dean R&D, Department of Applied Sciences, AGC, Amritsar
Ms. Anujeet Kamal, Assistant Professor, Department of Applied Sciences, AGC, Amritsar
Dr Ruchi Mathur, Dean First Year, JECRC, Jaipur, Rajasthan
Dr. Barkha Shrivastava, Dy. Dean First Year, JECRC, Jaipur, Rajasthan

Important Dates

Last date of registration is 14th January, 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

NEOTERIC DEVELOPMENTS IN PHYSICAL SCIENCES

(January 16th -20th, 2023)



Organized by

Department of Applied Sciences
Amritsar Group of Colleges, Amritsar

In Association with

Department of Applied Sciences
JECRC College, Jaipur, Rajasthan

Background & Objectives

The FDP on “Neoteric Developments in Physical Sciences” is aimed at imparting knowledge and training on the fundamentals of physical sciences and its applications. Applied sciences is an inter-disciplinary field that uses mathematical, Physical sciences and Chemical sciences to extract useful knowledge and insights. There is a dire need of effective teaching practices in order to attain excellence or to remain competitive in the quality-savvy market. The main objective is to make the participants familiar with basics and natural science along with advanced developments in physical sciences. Expert lectures will be delivered by eminent resource persons from academia/industry. This program may be beneficial to faculty & Research Scholars who intend to practice in the field of Physical Sciences and other sciences.



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 basic and natural sciences.
- To become more productive and practical for providing the best technical solutions
- To meet and establish network with experts in the related fields of physics.
- To learn latest tools used for implementing the novel material applications in industry/academia
- Certificate of participation will be given to participants

Course Contents

- Physics of Flow modification
- Material Characterization and Techniques
- Novel Materials: Scope and Future
- Fractional Calculus
- Synthetic Chemistry
- Antennas / Metamaterials
- Optimization Techniques
- National Education Policy (NEP) 2020 Implementation
- Space Journey of India
- Advances in Material Sciences
- Computational Chemistry
- Modeling and Simulation
- Integral Transforms
- Differential Equations

Amritsar Group of Colleges,

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www.agcamritsar.in

Jaipur Engineering College and Research Centre,

Shri Ram ki Nangal, via Sitapura RIICO Tonk Road,

Jaipur-302 022

www.jecrcfoundation.com

Resource Person

Expert faculties from prestigious Institutes and reputed industries like JECRC and DRDO 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/rLdzUghwMbToJ8my9>

(Click here for FDP Registration)



Address for Correspondence

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