

About TEQIP-III

Technical Education Quality Improvement programme (TEQIP-III) is government project to enhance the education quality in engineering field and mainly focuses on exiting institutions with a special consideration for low income states and special category state and support to strengthen few affiliated technical universities. The project will be implemented in alignment with the 12th Five Year Plan, based on faster, sustainable, and inclusive growth. It emphasizes increasing the supply of highly-skilled workers to drive the economy, as well as helping low income states catch up with their more advanced neighbours. GEC, Banswara is one of 190 government and government funded institutes nationwide selected for TEQIP-III.

Patrons

Dr. Shiv Lal, Principal, GEC Banswara
Dr. I. N. Patel, Principal, BVM Anand

Convener

Dr. Jignesh K Patel, HOD (ME), GECB
Dr. P.M. George, HOD (ME), BVM

Co-ordinators

Mr Mohd Arif khan, Assistant professor (GECB)
Dr. J. P. Hadiya, Assistant Professor (BVM)

Co-Cordinators

Mr. Sahil Bansal, Assistant professor (GECB)
Dr. Veeresh Fuskele, Assistant professor (GECB)
Mr. Shubham Awasthi, Assistant professor (GECB)
Mr. Nitin Swarnkar, Assistant professor (GECB)
Mr Nizamuddin Qureshi, Assistant professor (GECB)
Ms. Rajni Choudhary, Assistant professor (GECB)

About the GEC Banswara

It was established in 2012 under SFS mode and as a part of Ajmer Engineering College Society. Its infrastructure is developed under the Tribal Area Development Department (TADD). It is completely funded by Government of Rajasthan. At present it has four branches in B.Tech (Civil Engineering, Electrical Engineering, Computer Science Engineering and Mechanical Engineering) and each having 54 seats. The good quality of teaching, highly qualified teachers and dedication of students is the mark return of GEC, Banswara. It is situated behind Mayur Mill at Lodha village in Banswara which located at the corner of the Rajasthan and near to the border of Madhya Pradesh and Gujrat. It is called Cherapunji of Rajasthan, and a lush green environment and peace are the Major contribution to the society.

Department of Mechanical Engg.

The department is seven year old offering degree programs. It has well equipped laboratories, software, workshops etc, for effective delivery of the courses. The faculty members are from diverse specialization teaching and guiding the students towards dynamics of technological advances and sustainable development. The department offers B.Tech program.



TEQIP-III Sponsored One Week

Short Term Course

on
*“Advances in IC engines and emission
control strategies”*
(AICES-2020)

20th-24th Jan 2020

Jointly Organized by

Department of Mechanical Engineering,
GEC Banswara

&

Department of Mechanical Engineering,
BVM, Vidyanagar



Venue

Govt. Engineering College Banswara
(AN AUTONOMOUS INSTITUTE OF GOVT. OF RAJASTHAN)
AFFILIATED RAJASTHAN TECHNICAL UNIVERSITY, KOTA
Behind Mayur Mill, Dungarpur Road, Lodha,
Banswara PIN : 327001

Course Objective

The TEQIP-III Sponsored Short Term Course (STC) on “*Advances in IC engines and emission control strategies (AICES-2020)*” will be held at GEC Banswara on 20th-24th Jan 2020 with the following broad objectives.

- To improve the quality of technical education, research and training in recent trends in IC engines and alternative fuels for IC Engines.
- To provide facilities and opportunities to inspire graduate, post-graduate, Ph.D. scholars and faculty members for collaborative research works.
- To foster co-operation and interaction between the academic/research community with industries to exchange knowledge and information about the latest developments in relevant areas of teaching and research.

Who should attend?

The short term course is open to Faculty members, PG/UG students, Research scholars and technical staff from engineering institutes and Engineers from Industry.

Course Outcome

The STC will provide a unique opportunity for participants to understand the overview of IC Engines and its Combustion phenomenon. Performance characteristics of IC Engines. Analysing engine emissions and applying suitable emission control techniques. Understanding of new combustion techniques like HCCI, dual fuel engine. Application of alternative fuels for IC engines. Biodiesel production process and strategies to use Biodiesel in CI engines. Fuel Cell: Fundamentals and applications in IC engines.

Resource Persons

Experts will be from reputed institutes such as IITs NITs, DRDO and leading academic & industrial organization from esteemed organizations.

Events of the STC

- Registration and inaugural function.
- 15 technical sessions and 1 lab sessions.
- Q & A with experts.
- Certificate distribution and valedictory function.

Registration

Interested participants from industry, academic and research community are required to submit a filled and signed registration form (soft or hard copy) in prescribed format along with the registration fees in the Account Number 0235104000177788, Bank IDBI Bank, Banswara, Rajasthan, Account name - Principal Govt. Engineering College Banswara TEQIP-III, IFSC Code IBKL0000235 so as to reach the following address “HOD (ME), Department of ME, GEC Banswara Rajasthan India 327001” on or before 15th Jan 2020. Accommodation and Food expenses are to be borne by the institute for participants from TEQIP-III institute. Participant’s expenses from non TEQIP-III institute have to pay by themselves. Selected participants will be intimated through email on or before 19th Oct 2019. Registration fee includes workshop kit, workshop materials, participation certificate, High tea and lunch.

Registration Fees

Category	Fee
Research Scholar/ Faculty (TEQIP College)	Nil
Research Scholar / Student (Others)	1000/-
Academician / Faculty Member (others)	2000/-
Industry Person	5000/-

Contact Person

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Registration Form

1. Name:.....
2. Designation:.....
3. Organization:.....
4. Qualification:.....
5. Gender: Male/Female
6. Address:.....
.....
.....
7. Phone/Mobile:.....
8. E-mail:.....
9. Mode of Payment: Cash/DD/NEFT
10. Amount:.....

Place:

Date:

Signature of the Applicant

Signature of Head of Institution

Copies of this form can be made, if necessary. Please send the filled in form at hodmegecbw@gmail.com on or before 15th Jan-2020. The details and the form of the workshop can be downloaded from <http://www.gecbanswara.ac.in>.