

1.3 BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE) VALLABH VIDYANAGAR, GUJARAT



1.1 GOVERNMENT ENGINEERING COLLEGE, BANSWARA, RAJASTHAN TWINNING ACTIVITIES



BVM, GUJARAT-GEC BANSWARA, RAJASTHAN PARTNERSHIP

As part of commitment, Birla Vishvakarma Mahavidyalaya (Engineering College) seeks partnership, knowledge exchange and continuous dialogue with Government Engineering College Banswara and looks for long term relationships that will support the development of competencies for our students and professional development opportunities for faculty and staff. This will nurture technical creativity, communication skills, ethics, teamwork and community outreach in students. We believe that partnership promotes critical thinking that helps to produce graduates that are sensitive to their community.

ASSESSMENT OF NEEDS of MENTEE INSTITUTION

- Principal, Dr Indrajit N Patel accompanied by Dr D.G. Thakore (Dean Quality Assurance), Dr P.M. George (Dean Academics), Dr B.R. Parekh (Prof & Head Elect., Engg) and Dr S D Dhiman (TEQIP-III Coordinator) visited GEC-Banswara to discuss the needs of mentee institution and plan the future activities under Twinning on 30th Oct, 2017.
- Dr S D Dhiman, Dr P M George and Dr B R Parekh also delivered expert lectures to students of Civil /Mechanical /Electrical Engineering on 30th Oct., 2017.
- Campus Visit



INTERACTIONS OF PRINCIPALS

- Dr. Shiv Lal, Principal, GEC Banswara attended the valedictory session of Smart Gujarat for New India, Hackathon 2018 at BVM on 13th March 2018.
- Principal (Dr.) Indrajit Patel and senior faculty of BVM attended the HR Conclave and First convocation organized by Government Engineering College, Banswara on 13th May 2018.



INTERACTIONS OF PRINCIPALS

- Principal (Dr.) Indrajit Patel and Dr J M Rathod Twinning Coordinator attended the 2nd convocation organized by Government Engineering College, Banswara on 27th September, 2018.
- Dr. Shivlal, Principal, GEC Banswara attended the BoG meeting at BVM on 30th November, 2018.



INTERACTION WITH PERFORMANCE AUDITOR

- Interaction of BVM TEQIP Coordinator Dr S D Dhiman and Twinning Coordinator Dr J M Rathod with NPIU Performance Auditor of GEC Banswara Dr Prakash Brahmkar, Principal Dr Shivlal and at GEC Banswara on 18th August 2018. Visit to Start-up cell and Library.
- Principal Dr Shivlal and Prof Sahil Bansal visited BVM and interacted with Principal Dr Indrajit N Patel, HoDs and NPIU Performance Auditor on 7th Sept., 2018 and discussed on matters related to Twinning at BVM.



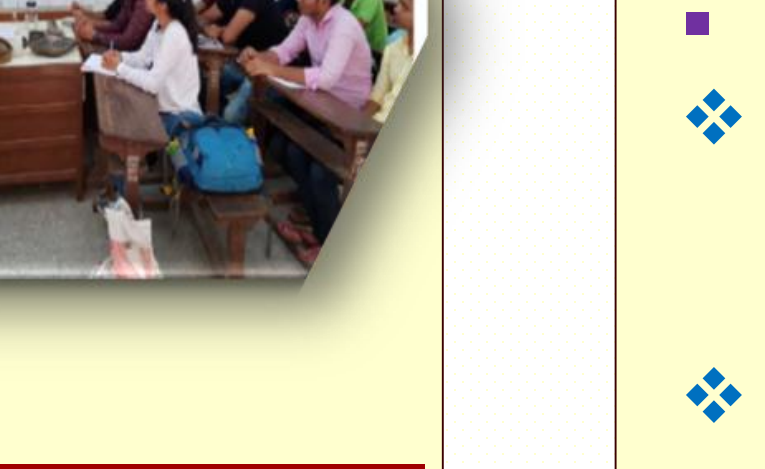
THEORY CLASSES / PRACTICALS CONDUCTED IN CIVIL/MECH/ELECT @ GEC-BANSWARA

Civil – 5th Semester	Geotechnical Engineering –I	Dr Vishal Arekar	20 & 21st October, 2018
Civil – 7th Semester	Water Resources Engineering-I	Dr S D Dhiman	
Mechanical – 5th semester	Measurement and Metrology	Prof U B Chaudhari	26th October, 2018
Electrical – 5th Semester	Control System	Prof Ashish Patel	
Electrical- 7th Semester	Electromagnetic Field Theory	Dr J M Rathod	10th Dec., 2018
Mechanical – 7th Semester	Turbomachines	Prof M J Zinzuwadia	
Electrical – 5th Semester	Principle of Communication	Dr M M Solanki	10th Dec., 2018
B. Tech. 1st year	Physics practicals	Dr.Sandeep Unadkat and Prof. Shivam Patel	



THEORY CLASSES & PRACTICALS FOR GEC BANSWARA STUDENTS

- Faculties from BVM Dr N G Mishra, Dr H P Patolia, Dr H J Chauhan, Prof H G Katariya and Prof Vimlesh Agrawal visited GEC-Banswara and delivered lectures to students of Civil/Mechanical/Electrical Engineering during 3rd to 4th Nov. 2017.
- Faculty members and Civil engineering students from GEC-Banswara visited BVM for performing experiments in the Surveying, Road Material Testing, Environmental Engineering, Geotechnical Engineering and Concrete Technology laboratories of Civil and Structural Engineering Departments
 - 30th Nov. to 6th Dec., 2017
 - 11th to 13th April, 2018
 - 27th April to 2nd May 2018



SITE VISIT TO ISHA READY MIX CONCRETE PLANT, NEAR ANAND) BY CIVIL ENGINEERING STUDENTS AND FACULTY MEMBER OF GEC-BANSWARA WITH BVM FACULTY MEMBERS ON 13TH APRIL, 2018.



ASSISTANTSHIP FOR STARTUP MICRO ACTION PLAN, PMMS & PFMS

- Faculty members of GEC Banswara visited BVM for getting inputs related to preparation of Startup Micro action plan on 24th January, 2018
- BVM TEQIP office staff and Nodal Officers Procurement and Finance gave guidance on Procurement software (PMSS) & PFMS software to Dr Manish Bansal and Mr Kishan Solanki from GEC Banswara, during 12th and 13th March, 2018 at BVM.

ORGANIZING JOINT INTERNATIONAL CONFERENCE

International Conference titled "Advances in Power Generation from Renewable Energy Sources (APGRES-2019)", on February 11th -12th, 2019 at GEC Banswara



- 4 no. of Joint articles in APGRES 2019 conference by faculty of GEC Banswara and BVM. Management capacity building in both the institutions.

NBA Assistance

- NBA – Interaction and Discussion for SAR Preparation during faculty members visit to BVM during 11th to 13th April, 2018.
 - Discussion on Outcome Based Education, Vision, Mission, PEOs, PO, PSOs
 - Sample CO-PO Attainment matrix for some subjects
 - Preparation of Lab manuals/Active Learning Assignments /etc. Visit to laboratories/workshop, Library etc.
 - Industry Defined Problems/User Defined Problems/projects for UG
 - NPTEL activities @ BVM
 - GATE
 - Placement activities etc.,
 - BVM Innovation and Entrepreneurship Cell (BIEC) activities/ IDEATHON
 - Preparation for NBA & SAR (TIER-II)
- One day workshop on Outcome Based Education (OBE) was conducted by BVM faculty –Prof.(Dr) P M George and Prof Vipul Chaudhari on 8th October, 2018 at GEC Banswara
- Visit on 13th February 2019 to GEC Banswara by BVM faculty members for providing help in NBA-SAR preparation.



ORGANIZING Joint Short Term TRAINING PROGRAMS

- Joint STTP with GEC Banswara on "Recent Advances in Structural and Geotechnical Engineering" during 26th Nov. - 01st Dec., 2018 at BVM.
- Joint STTP with GEC Banswara on "Advances in Renewable Energy Sources" during 26th Nov. to 08th Dec., 2018 at BVM.
- Joint STTP with GEC Banswara on "Smart & Sustainable Technologies for Infrastructure Development" during 3rd to - 8th Dec., 2018 at BVM.
- Industrial Joint STTP with ABB Vadodara, GEC Banswara and BVM on "Futuristic Technology in Power System" during 10th – 14th Dec., 2018 at ABB Vadodara.
- Joint STTP with GEC Banswara on "Emerging Trends in Road Pavement Technologies" during 31st Dec., 2018 -5th Jan. 2019 at BVM.
- Joint STTP with GEC Banswara on "Emerging technology in Environmental Pollution Control" during 7th to 12th January, 2019 at BVM.

UPCOMING INTERNATIONAL CONFERENCE

- International Conference titled "Environmental Pollution and its Control (EPIC-2019)", is scheduled on 18-19 February, 2019 at GEC Banswara.
 - 4 no. of Joint articles in EPIC 2019 conference by faculty of GEC Banswara and BVM. Management capacity building in both the institutions.

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<http://www.bvmengineering.ac.in>
<https://www.gecbanswara.ac.in/>