Report on Professional Development Training (PDT – 1) under (TEQIP-III) held at IIM Udaipur February 12 – 17, 2018

Introduction

The Government of India, under the Ministry of Human Resource Department (MHRD) has launched the implementation of phase –III of the Technical Education Quality Improvement Programme (referred to as TEQIP_III), since April 2017, with an aim to enhance technical education, and create dynamic and efficient institutions in India. Implemented by NPIU (National Project Implementation Unit), TEQIP – III is focused on 8 Low Income States, 7 North East States, and 3 Hill States. [1] The Project includes Government Institutes, including Affiliated Technical Universities (ATUs). TEQIP-III places higher focus on Student Learning Outcomes, Governance, and Research, and is in continuation of the phases I & II of TEQIP implemented from 2003-2009 and 2010-2017 respectively.

As part of TEQIP-III, Indian Institutes of Management (IIMs) have been entrusted to provide Professional Development Trainings (PDTs) in management, governance and leadership aspects to Administrators and Implementers at Central (MHRD/NPIU), States (SPIUs)/ATUs (Affiliating Technical Universities) and Institutional level. The objective of the PDTs is to offer a pragmatic approach to the issues surrounding strategic planning in higher education, including an open recognition of some of the idiosyncrasies of the higher education. IIM Udaipur conducted the first batch of the Professional Development Training (PDT-1) for TEQIP institutions on February 12 - 17, 2018. This report summarizes the characteristics of the participating institutes, and the structure and contents of the program.

A total of 35 participants', including 5 women, from 22 TEQIP institutions located in 9 states, participated in the program. Of the 22 institutions, 2 institutions had participated at the MCEP (Management Capacity Enhancement Program) held under TEQIP-II, while 20 institutions participated for the first time at training at IIM Udaipur. The list of the institutions and the registered participants is at ***Annexure I***. The state-wise breakup of the participating institutions is at ***Annexure II***.

The time table for the program, including the topics and the corresponding faculty is at ***Annexure III***. The program consisted of a total of 21 sessions, each of 75 minute duration. These were spread over a period of six days; on each day, there were three pre-lunch sessions, and one or two post-lunch sessions. The only exceptions were the first day and the last day: the first day included an evening session for registration and a session on Creating an Institute of Excellence, and the last day had only three pre-lunch sessions.

[1] Low Income States: Bihar, Chhattisgarh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan & Uttar Pradesh; North East States: Arunachal Pradesh. Assam. Manipur. Meghalaya. Mizoram. Nagaland. Sikkim. Tripura; Hill States: Jammu and Kashmir, Himachal Pradesh, Uttarakhand; Source: NPIU PIP TEQIP-III

During the program sessions, a total of twelve topics were covered:

1. Building an Institution of Excellence
2. Team Building
3. HR Challenges in Educational Institutions
4. Strategy Formulation and Implementation
5. Finance
6. Time Management
7. Modernization of Library Resources
8. Information Technology & MIS (Management Information Systems)
9. Project Management
10. Curriculum Design and Review
11. Sponsored Research
12. Industry Expectation & Gaps from the Graduates of Engineering Colleges

The principle underlying the formulation of the above list was that each topic should directly support one or more of the TEQIP objectives. The coordinator explained to the participants in the very beginning how each topic fits in with the overall objectives of the TEQIP program. Except for one session on Finance management, the cases and topics discussed in each session were directly focused on educational institutions.

The topic contents were designed such that each topic was self-contained, and could be sequenced anywhere in the program, depending on the preference of the faculty. All the sessions were conducted in an interactive manner. The instructors encouraged the participants to add on to the points that the instructors or other participants made; they could express alternative views, share their experiences, challenge the recommendations under consideration, seek clarifications, or simply think aloud in the class. The interactive conduct of sessions of the program was highly appreciated by the participants of the program.

In addition to faculty of IIM Udaipur, guest faculty from Mudra Institute of Communication and Advertising, (MICA), Ahmadabad, IIT Kanpur,, MLSU (Mohan Lal Sukhadia University, Udaipur), and Secure Meters Limited, Udaipur were involved in handling the sessions. The instructors adopted a variety of techniques to handle their classes: a straight forward lecture combined with interaction from participants; case analysis; problem solving; workshops and games; experience sharing and so on. Several instructors required the participants to read and analyze some material prior to their classes; such material was circulated in advance to the participants.

The session wise summary, including topics, no of sessions and contents for each session is at ***Annexure IV***. Additionally, the programme had: (1) a session on objectives of TEQIP, delivered by the Program Co-coordinator, Prof. V. Venkata Rao, and (2) presentations by participant groups on their take-aways from the program and their action plans for implementing TEQIP in their institutions.

Overview of TEQIP goals, objectives and methodology

The participants were presented with an overview of the TEQIP –III, its goals, objectives and methodology. The presentation enumerated the topics that constituted the present program, and linked each with one or more objectives of TEQIP-III.

Industry interaction

The industry interaction session was conducted by a Senior Manager at Secure Meters Ltd., a Udaipur based leading organisation in the Electrical and Electronics industry. The instructor discussed the views of the industry regarding its expectations from fresh engineers. In the session, initially, the participants were asked to guess a list of possible deficiencies (or criticisms) that employers may find in the new graduates, and these were later compared with the guest faculty's own list. There was a remarkable coincidence between the points identified by the participants and the guest faculty. The later part of the session focused on how to help improve the situation with regard to the above deficiencies. Based on his industry experience, the guest faculty also discussed the role of educational institutions in creating employable engineers.

Presentations by participants

At the end of the program participants made presentations on current status of TEQIP at their institutions, strengths of TEQIP implementation at their institutes, challenges and constraints faced in TEQIP implementation, and action plans to improve implementation of TEQIP at their institutes, based on their learnings in the program.

In this regards, a mail was sent to the participants in advance of the training program, providing guidelines and format for preparing the slides in the presentation. This was done to help the participants gather information for preparing the presentations, and be well prepared for the presentations.

For the presentations, the participants were divided into twenty two groups, based on the institutions to which they belong. The table showing the summary of the presentations is at ***Annexure V***.

Program feedback by participants

The programme ended with a valedictory function during which each participant was awarded a certificate of participation, and participants were invited to give feedback on various aspects of the programme, both orally and in writing.

While rating the overall effectiveness and administration of the program very good, the participants made a number of suggestions on the way forward for the program. Most of the participants found the sessions on Modernisation of Library resources, Project Management, Risk Management, Time Management, Financial management, Strategy formulation and implementation, and MIS to be most useful for their effectiveness. Other areas that participants found useful for their effectiveness included Curriculum Design and Review, and sponsored research that included preparing proposal for obtaining research funds, All the participants particularly appreciated that participation and interaction were encouraged by the faculty during the program.

In their feedback, most of the participants stated that the training program will help them to improve their administration capabilities, and financial planning for administrative tasks. In particular, participants mentioned that the program will help them to effectively manage their tasks through time management, project management, risk management, MIS/ERP implementation and managing self & human resources. Participants mentioned that the session related to creating an institution of excellence was inspiring. Participants also shared that the sessions on team building will help them at their institute to motivate their departments and their colleagues and team members.

Suggestions from participants for enhancing effectiveness of training included sessions on processes under TEQIP-III, more group discussions, and practical activity, and sessions covering stress management. Other topics suggested for inclusion in subsequent training programs included Research & Development, and Regulatory regime related to Patents.

Annexure I

List of participants for the 1st batch of Professional Development Training (PDT - I)
Held at IIM Udaipur, February 12-17, 2018

S.No.	Institute Name	Name	Email ID	Mobile
1	GBPEC Pauri Garwal	1. MR. MANOJ KUMAR PATHAK	mkp.nit@gmail.com;	9758020072
2	Institute of Technology, Gopeshwar	2. DR. BHARTI KALRA & 3. MRS. INDU PATNI	kalra.bharti1@gmail.com; indupatni9@gmail.com;	8171287028; 9410942779
3	Seemant Engineering Institute, Pithoragarh	4. MR. LALIT KUMAR & 5. MR. MANISH PARMAR	kumarlalit8421@gmail.com; guddu7658parmar@gmail.com;	9837047459; 9634443418
4	Women Institute of Technology, Sudhowala, Dehradun	6. MRS. NEETA BACHHETI	neeta.bachheti@gmail.com;	9717312175
5	BIT Sindri,, Jharkhand	7. DR. RAN VIJAY SINGH & 8. DR. VINOD PANDEY	drgkumar12@gmail.com;	9931280047, 9504447776 9631658233, 9431596535
6	Parala Maharaja Engineering College Sitalapalli: Berhampur	9. DR. RAGHUNANDAN SWAIN & 10. MR. KODANDA DHAR NAIK	raghunandanswain@gmail.com; kd_naik@yahoo.co.in;	9438801526 7077714003
7	Baba Ghulam Shah University, Rajouri, J & K	11. MR. KHALIL AHMED, & 12. MR. MOHAMMAD ABAS MALIK	khalilahmed@bgsbu.ac.in; abasmalik@bgsbu.ac.in; riyazamu@gmail.com;	7889378152 7889300646
8	SMVDU, Katra, J & K	13. SH. B.K.BHATIA	registrar@smvdu.ac.in; sumeet.gupta@smvdu.ac.in;	9419164533
9	J.N. Govt Engg College Sundernagar, HP	14. SH. AMITESH SHARMA & 15. SH. ANKUSH KAPOOR	ankush8818@yahoo.com; amitesh.jngec@rediffmail.com;	9418087955 9817068235
10	Jorhat Engineering College Jorhat, Assam	16. DR.MRINAL KR. DUTTA	mrinaldk@rediffmail.com; principaljec.rsarmah@gmail.com;	9954420995
11	Z. H. College of Engineering and Technology, AMU Aligarh	17. PROF. MOHAMMAD IDREES & 18. PROF. PERVEZ MUSTAJAB	mmsbeg@hotmail.com;	9412731421 9410426810, 8077338683
12	VSSUT, Burla, Odisha	19. (DR.) PRAVIN KUMAR KAR	deanfp@vssut.ac.in; pkkar_chem@vssut.ac.in; prof.dr.spanda@gmail.com	9861142838

S.No.	Institute Name	Name	Email ID	Mobile
13	Jorhat Institute of Science and Technology, Assam	20. GAUTOM TALUKDAR & 21. IMTIAZ ALAM	gautam.talukdar123@gmail.com; imtiazalam094@gmail.com;	8473041634; 8135956980
14	Dayalbagh Educational Institute, Agra	22. PROF. A. K. SAXENA & 23. DR. G. S. SAILESH BABU	aksaxena61@gmail.com; babu.sailesh@gmail.com; dbhagwandas@dei.ac.in;	9412559851; 7060185804
15	UCET, VBU, Hazaribag, Jharkahnd	24. MR. ARBIND KUMAR & 25. MR. CHANDRA BHUSHAN KUMAR	arbindran@rediffmail.com; cb19bit@yahoo.co.in; mishra_nibi@yahoo.com, bibhuti_bhushan@rediffmail.com;	8340537480; 9570363762
16	UNSIET, VBS Purvanchal University, Jaunpur	26. MR. DEEP PRAKASH SINGH & 27. MRS. APARNA SINGH GAUR	deepkantsingh@gmail.com; aparnasinghme@gmail.com;	9415907477; 9415485389
17	B.I.E.T., Jhansi, UP	28. DR. D. K. SRIVASTAVA	dks1_biet@rediffmail.com; anjani.k.nigam@gmail.com;	9415179133
18	CTAE Udaipur	29. DR. S C JAIN	ctaedean@gmail.com; scjain44@rediffmail.com; vinodcte@yahoo.co.in;	9413763980
19	GEC, Jhalawar	30. SHWETA ARORA	shweta.arora20@gmail.com;	9413128801
20	Government Engineering College Jabalpur	31. PROF. R.K. GROVER	rakesh.grover11@gmail.com;	9827209075
21	Government College of Engineering, Keonjhar	32. ER. SUSHANTA KUMAR PRADHAN & 33. ER. ALOK PATEL	sushantapradhan_fml@gcekjr.ac.in; alokpatel_fce@gcekjr.ac.in;	8763112083; 8895586710
22	Institute of Engineering & Technology, Khandari Campus, Agra, Uttar Pradesh	34. ER ALOK KATIYAR & 35. DR AMIT SINGHAL	amitsinghal1976@yahoo.co.in, alok8271@gmail.com,	9837606146; 9897282052

Annexure II

State-wise breakup of the participating institutions at
Professional Development Training (PDT-1)
Held at IIM Udaipur
February 12-17, 2018

Sr. No.	State	No. of Institutions
1.	Assam	2 Institution
2.	Himachal Pradesh	1 Institutions
3.	Jammu & Kashmir	2 Institutions
4.	Jharkhand	2 Institutions
5.	Madhya Pradesh	1 Institutions
6.	Odisha	3 Institutions
7.	Rajasthan	2 Institutions
8.	Uttar Pradesh	5 Institutions
9.	Uttarakhand	4 Institutions
	Total	**22 Institutions**

Annexure III

Time table for the program

Professional Development Training (PDT) FOR TEQIP INSTITUTIONS
Time-Table for the Period February 12 to 17, 2018
Class Timing

Session 1	09.00 – 10.15 a.m.
Tea	10.15 – 10.30 a.m.
Session 2	10.30 – 11.45 a.m.
Tea	11.45 – 12.00 noon
Session 3	12.00 - 01.15 p.m.
Lunch	01.15 – 02.15 p.m.
Session 4	02.15 – 03.30 p.m.
Session 5	3.45 - 05.00 p.m.

Date	Session 1	Session 2	Session 3	Session 4	Session 5
Monday Feb. 12, 2018				Inauguration & Introduction 3.00-4.00 p.m.	Building an Institution of Excellence (Prof. Janat Shah) 4.30 – 5.45 p.m
Tuesday, Feb. 13, 2018	Team Building (Prof. Rajeshwari)	HR Challenges in Educational Institutions (Prof. Rajeshwari)	Strategy Formulation (Prof. Shaleen Gopal)	Finance - I (Prof. N. Viswanathan)	Time Management (Mr.Shabir Hussain)
Wednesday Feb. 14, 2018	Finance - II (Prof. N. Viswanathan)	Strategy Implementation (Prof. Shaleen Gopal)	Modernization of Library Resources (Dr. Shailesh R. Yagnik,LIS-Head MICA)		
Thursday Feb. 15, 2018	Information Technology & MIS (Prof. V.Venkata Rao)		Finance - III (Prof. N. Viswanathan)	Sight Seeing Tour	
Friday Feb. 16, 2018	Project Management (Prof. V. Venkata Rao)	Curriculum Design and Review (Dr. N.N. Kishore)		Sponsored Research (Dr. N.N. Kishore)	Industry Expectation & Gaps from the Graduates of

				Engineering Colleges (Mr. Ketan Bhatt)
Saturday Feb. 17, 2018	Presentations by Participants	Valedictory		

Annexure IV

Summary of Sessions

S.No.	Topic	No. of Sessions	Contents
1	Building an Institute of Excellence (Prof. Janat Shah, Director, IIM Udaipur)	1	Discussion of the issues by describing how they were tackled in the establishment of a new IIM: vision, mission, and long term planning; challenges in developing a desired organizational culture; motivating staff; attracting and developing faculty; management of stakeholder expectations; role of leadership and managing change. The faculty also explained the need for public institutions to understand the importance of need and articulating the vision and mission for an educational institute, and explained the various ways in which faculty can be motivated to remain committed to the institute.
2	Team building (Prof. Rajeshwari Narendran)	1	Factors that influence the quality of team work; importance of effective communication among team members; importance of different attitudes and their effect on team work
3	HR Challenges at Educational Institutions (Prof. Rajeshwari Narendran, MLSU)	1	Creating value in educational institutions, Integrating administration, working culture and infrastructure at educational institutions, developing means for structured feedback from stakeholders, and accountability in educational institutions.
4	Strategy Formulation and Implementation (Prof. Shaleen Gopal, IIMU)	2	The concepts of strategy; resources, environment and their relevance for organizations; Challenges related to developing a shared vision; concepts for strategy formulation; implementation and monitoring of strategy; communicating organizational vision and strategy to all stakeholders; Frameworks and concepts for operational compatibility and strategy complementarity, Elements related to importance of strategy and execution
5	Finance (Prof. N Viswanathan, IIMU)	3	Analyzing of financial statements like balance sheet, profit and loss account, and cash flow statement for educational institute; various types of costs like fixed cost and variable cost; Financial planning, both in the short term and long term; short term cash requirement forecasting and related budgeting; financial appraisal of long term investment proposals, using measures like internal rate of return, net present value, and pay-back period
6	Time Management (Shabbir Hussain, IIMU)	1	Importance of soft skills for leadership, Assessing self to understand ability to manage time, Prioritization of tasks as a key to time management; reasons for poor time management and ways to effectively manage time, Importance of time management to manage stress, Frameworks for effectively manage time

7	Modernisation of Library Resources (Dr. Shailesh Yagnik, MICA)	2	Innovations in library management: some specific examples; influence of information technology on library resources and operations; Role of a library in providing access to resources, managing access to published works, journals and databases
8	Information Technology & MIS (Prof. V Venkata Rao, IIMU)	2	Factors relevant to a well-designed MIS, Relationship between MIS and decision making, Reasons for MIS failure, Elements of a good MIS, Presentation and Discussions of the TEQIP MIS (taking the case of information from a TEQIP Institute), Programs, Packages and systems for good MIS design, Decisions related to Custom built systems versus Packaged Solutions; ERP in Educational Institutes
9	Project Management: Monitoring Techniques and Risk Management (Prof. V Venkata Rao, IIMU)	2	Reasons for project delays and need for project management, Risk management and various means to mitigate risk, Risk identification, risk factors in project implementation, assessment and strategies for managing ris
10	Curriculum Design and Review (Dr. N N Kishore, IIT Tirupathi)	2	Illustration of the process of curriculum design and review through the description of an experience at an IIT; objectives that drive such an exercise and the outcomes; importance of a contemporary curriculum in engineering institutions; factors affecting student interest and performance in such institutions, concepts of flipped classroom, student led tutorials, etc.
11	Sponsored Research (Dr. N N Kishore, IIT Tirupathi)	1	Discussion of the topic through the example of research projects at an IIT; various steps followed by the institute in obtaining and executing industry oriented research projects; Centers of excellence in research; Incubation centers and their role in promoting entrepreneurial skill among students; how the requirements of research proposals differ from sponsor to sponsor; explanation of an actual research proposal.
12	Industry Interaction (Mr. Ketan Bhat, Secure Meters)	1	Discussions on desirable qualities in engineering students vis-à-vis industry expectations, and the steps needed to be improve employability of graduate engineers; Partnerships between industry and institute for improved institutional performance.

Annexure V

Summary of Presentations prepared by participants at PDT-I

Institute	Status of TEQIP implementation at the institute	Strengths of TEQIP implementation at the institute	Challenges for TEQIP implementation at the institute	Agenda Plan for the next 6 months for implementation of TEQIP at the institute
Dayalbagh Educational Institute, Agra	• National Systems Conference, Workshops, Expert lectures, courses on soft skills, Curriculum conducted. • Startup Cell established and activities started. • Activities/courses for improving Industry Preparedness conducted • Educational tour , internships, competition organized for students • Financial activities started. (waiting for procurement plan approval)	• Dedicated staff and low attrition rate • Autonomy of the institute, Simplified hierarchy of the institute • Internship, induction programme and training & placement activities, • Skill based courses • Financial support available for establishing/upgrading state-of-the-art lab facilities	• Compliance to deadlines, on very short notice • Accreditation of programmes • Convincing students for entrepreneurial initiatives • Implementing actions beyond the sphere of influence of faculty • Motivating 100% students to appear and qualify in GATE • Aligning institution and TEQIP procedures • Finding space for TEQIP activities	• Induction Progamme - Training of faculty mentors - Expert Lectures • Startup Cell - Entrepreneurship courses - Staff Awareness - Expert pools • Accreditation - Appointing coordinator, core team and initiate necessary actions for NBA accreditation • Procurement of eqipment
Institute Of Technology, Gopeshwar	• Workshops, Conferences, awareness lectures for startup and Innovation, entrepreneurship • GATE Fee Reimbursement to students • Internship of students. • Component Laboratory for start-up cell.	• Research & Development facilities • Well organized Infrastructure and laboratories. • Placement Activities • library facility. • Able to facilitate students for competitive Exam(GATE, PSU etc.)	• Remote Location • Awareness to students about industry. • Develop Confidence in students. • Influence Professionals for expert lecture.	• Seminars, workshops and conferences for academic development. • Joint activities with industry for Internships and placement activities. • Documentation of NBA accreditation

	• Invited & Received various proposal for establishment of 3D printing lab by Start-up Cell. • Institute registered in the local chapters of NPTEL. • Mentors are identified for students Mentorship.		• Problem to attract companies for placement. • Problem in providing internet Facility. • Rumours about disaster prone area. • Provide raw material for their academic projects	• Start-up activities i.e. workshops, fests, competitions etc. • Industry ready students by imparting technical, soft skills, entrepreneurship, team working skills • Swayam Prabha Class rooms for Students.
Z H College of Engineering & Technology, AMU Aligarh	• Twinning - 05 System Attended - 05 System Visits: 05 - 17 Lectures Organized - 02 International Conf. - 01 National Symposium - 04 Workshops Organized - 68 Workshops attended by faculty members - 162 Conferences attended by Students - 13 Short Term Courses - 02 Remedial Classes	• Well qualified and organized Setup • Dedicated TEQIP-III Unit • Well organized Systematic Operating Procedures (SOP) for each component of TEQIP • Well qualified faculty in all Engineering disciplines	• Frequent break down of Public Financial Management System (PFMS) • Difference in World Bank Purchase rules and General Financial Rules (GFR) • Freezing of assets/funds in PFMS at the start of every month.	• Procurement of goods; • Academic process reforms • Financial planning for procurement
College Of Technology And Engineering, Udaipur	• Academic Activities - 5 Workshop Organized - 45 Students deputed for academic fest, courses and conference etc - 31 Faculties deputed for Seminar, Conferences, Trainings, etc., • Procurement Activities - Procurement plan of Rs. 596 lakh (42 packages) approved by BOG, NPIU	• 71.4 % programs NBA Accredited	• Partial Autonomy, • Shortage of faculty, • Shortage of other technical staff – Technicians, Lab Assistants etc • Fulfilling all objectives of TEQIP Programme	• Improve student learning • Research Assistantships • Faculty/Staff Development and motivation • MOOCs and digital learning • Mentoring/Twinning system • Reforms, governance

	- 2 Packages at payment stage: Rs. 8.0 lakh - 6 Packages Purchase order issued: Rs. 116 lakh - 6 Packages at process initiated Rs. 107.5 lakh • Twinning Activities - MOU signed with MNIT, Jaipur - CTAE Faculty mapping with senior MNIT faculty completed.			• Management Capacity development • Industry-Institute Interaction • Procurement of equipment, services
Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir	• Expenditure: Rs. 1.5 Crore • 14 Laboratories updated. • 04 Smart Classrooms created. • 02 International & National Conferences, 02 Faculty Workshops and 10 Faculty development Programs have been conducted • 10 Industrial Tour of students • Outcome based Education being implemented • Monthly Assistantships to Ph.D. students • Students and faculty registered with MOOCs based courses from SWAYAM/NPTEL • SWAYAMPRABHA viewing facility created • Student financial assistance for paper presentation at conferences, workshops	• Full Autonomy • Young and Dynamic Faculty. • Excellent Infrastructure	• Since the number of faculty members is not large, the faculty members are under a lot of pressure to undertake TEQIP related activities besides normal academic and research work. • Understanding and using the PMSS, PFMS and Procurement process is complex and difficult. • Difference in World Bank Purchase Rules and GFR. • Asset/Funds freezing at the beginning of the month.	• Lab upgradation • Procurement of Software based Design packages. • Industry interaction with at-least 02 industry experts visits • Industrial visits of students. • Internship for all students of B.Tech.- 1st year, 2nd Year and 3rd Year students is being worked out. • Implementation of Soft-skills enhancement programme "Campus-to-Corporate" for all the students.

	• 13 Incubatees at Start-up cell and Technology Business Incubation centre • 12 Twinning activities with JNTU Hyderabad have been successfully done.			
Jorhat Engineering College, Assam	• TEQIP implemented from October 2017. • Induction program for 1st year student in January' 2018. • Initiation of Startup activity under the startup cell. • Infrastructure for SWAYAM Prabha. • Registration for GATE examination. • 13 numbers of contractual Faculty under TEQIP. • MOU was signed with Malnad College of Engineering under twinning arrangement. • NBA workshop was conducted by mentor institute in the month of January 2018.	• Highly inspired and motivated faculty. • Coordination amongst faculties and staff	• BOG is not formed till date. So procurement plan cannot be placed. • Shortage of cadre based faculty. • Meeting or workshop should be held in semester break or with the help of video conferencing.	• Action plan from October to March 2018 has already been submitted. • Preparation of action plan is in progress. Next action plan will be submitted by this month. - Sending students to Mentor Institute. - Start up activities - Talk by Industry people for Institute-Industry linkage - Technical talk/seminar/workshop by Departments
B.I.E.T., JHANSI (UP)	• Expenditure till date: Rs. 646207.00 - Academics: Rs. 40007.00 - Assistantship: Rs. 480892.00 - I.O.C: Rs. 125308.00 • Induction programme: Faculty Mentors assigned to each 20 students		• Nearly date of courses clashes and institute permit in holidays due to lack of manpower. • Planning is not possible too earlier • Payment mode and advance procedure is	• Faculty Development Programmes (FDPs), Short Term Courses (STC), Conferences, Industrial visits, Expert lectures, workshops, etc.

	• Start-up: Expert lectures, Exposure visits, FDP • Revision of Curriculum: revision of curriculum is proposed at Academic council meeting • Industry Readiness: Training and Placement Cell is established • SWAYAM: Registration under progress, Smart Classroom developed • SWAYAM PRABHA: Two Flip class room and seven smart classrooms established • Mandatory Internship: T&P portal developed in institute's ERP system		complicated not practically feasible • Lot of paper work is required and procedure is long and slow. • No of faculty and staff is less • Normally specification and requirements are required on very short notice	• Information and knowledge interchange • Library Modernisation • Time management • Industry Institute Interaction • Risk management in projects • Flipped Classroom • Research Projects-DST
Jabalpur Engineering College, Madhya Pradesh	• Faculty Development Programs, Workshops • Procurement of Hardware, Software, Equipment is in Progress • Reimbursement of GATE fee finalised • Faculty is sponsored to attend training and FDP at Higher Learning Institutes • Twinning Activity Started with Walchand College of Engineering, Sangli.	• Autonomous status • 150 acres campus equipped with Conference, Auditorium, hostel, Playground, Wi-Fi, and Excellence centres, etc. • 60% UG courses (eligible) are accredited by NBA • NABL Accredited High Voltage Lab • Support of the management • Competent and qualified teachers, • High retention rate of the faculty members. • Placement Cell,	• Delay in Procurement Process • Procurement Process through GEM is required training • Using PMMS and PFMS	• Procurement of hardware, Equipment, • Training for faculty • Start -up cell • MOOCs

		• Nurturing weaker students through remedial classes. • Student's preference for the college at UG and PG level • Part time BE courses in four branches • PG programmes in MCA and applied sciences i.e. Physics, Chemistry and Math's		
B.I.T., Sindri, Dhanbad	• Registration of all 10 UG programmes for NBA accredition • 71 faculties appointed on Contract by NPIU • Start up and incubation cell have been created • New labs (PCB, CAD CAM Lab) set up • Center of Excellence set up by Siemens for Mechatronics, Automobile & Process Control labs. • CTIF Global capsule in collaboration with Aarhus University, Denmark • Curriculum revision in concurrence with BOS for 1st Year has been approved by Vinoba Bhave University, Hazaribag, • Swayam Prabha Implemented in first phase • GATE Forum started and special app for BIT Student and faculty launched.	• Premier institution with 450 acres of land including residential Campus for Students, Faculty and Supporting Staff. • Separate building for each Department and well equipped labs • Institute strategically located at the hub of important industrial units / establishments, R & D labs viz. CIMFR, DVC, NML, BCCL, SAIL PDIL, ACC, TATA STEEL etc. • Excellent Faculty - Student relationship. • Strict adherence to Academic Calendar. • Over 98 % results in University Examinations • Approx. 60 % Placement of the eligible students • Dedicated faculty and staff members	• Procurement process through GEM is in evolution phase. • Funds from State Government are also to be disposed maintaining quality and utility. • BOG to be more empowered. • Lengthy Recruitment Process. • Ongoing Renovation work of all building during active academic sessions	• FDPs, Workshops/ Conferences, Institutional Capacity Improvement • Industrial training, • Expert lectures • Awareness, counselling • Academic reforms • Library Modernisation with e-book and e-journal • Smart Classrooms • Centre of Excellence • Faculty Recruitment • Joint R&D Project

	• MoUs with IIT (ISM) Dhanbad, Aarhus University, Denmark, Tata Institute of Social Sciences and RDCIS, Ranchi • MoUs with Tata Steel, SAIL, CIMFR, TCS, Perfectice.com (GATE Preparation), and Yamaha Software (Under Process)	• The creamy students of the state • High Percentage of Ph.D. Faculty – More than 70 % • State Govt. Lab of Excellence – Siemens India Ltd. (worth Rs. 854 Crore) • 100 % financial assistance by the State Govt.		
Govt. Engineering College Jhalawar Rajasthan	• Induction programme started in November 2017, • Start-up: Incubation center established • Industry readiness: T&P Cell activities in progress. • SWAYAM: Students and faculty registration is under progress • Mandatory Internship: Activities are performing by T&P Cell and liaisons with alumni is being setup for internship of students. • Mandatory Accreditation: Faculty coordinator has been appointed and started initial activities • Twinning - Review of action and procurement plan - Workshops, Meetings, Seminars and conferences for faculty for training and academic development		• Affiliating University: Academic autonomy is under control of University • State government, Faculty: policy matters • BOG meeting is not regularly conducted by TED of GOR • Lack of faculty motivation due their pending promotion under CAS from long time in autonomous state colleges • Recruitment: Under control and supervision of state Government • Sanctioned faculty: Under control and supervision of state Government • PFMS/ PMSS, etc.: Lack of permanent	• Developing a critical mass of motivated students and faculties Entrepreneurial Orientation and Skills - Expert talk/Motivational Lectures: 6 (for 50 Students) - Activities for students and faculties: 4(for60 Students and faculties) - Workshops/seminar : 3 (for 50 students and faculties) • Building Innovation and Early Stage Enterprises by supporting & Enabling Access to resources And Facilities at Institute - Prototype design - Business model

	- Student and Faculty Exchange Program - NBA Accreditation and Grant of UGC Autonomy - Joint Supervision, Partnership for joint R & D, internships and placement activities		trained non-teaching staff. • Status of preparations for accreditation before May 2018: Faculty has been deployed for study and preparation with time schedule for accreditation	- Creating the clubs department wise - Establish the project/research lab for the students - Activity by each club every six months
Jorhat Institute Of Science & Technology, Assam	• Implemented from October,2017 • Regulatory body to execute and monitor TEQIP formed on October, 2017 • TEQIP cell established in November,2017, and Staff recruited • GATE fees reimbursed for final year students • Induction Program completed • StartUp Cell established • NBA registration for two Engineering disciplines namely viz., ETC and PE&I initiated • 2 no's of contractual faculty under TEQIP-III joined the institute • Training in various skills under TEQIP-III initiated by Training & Placement Cell, JIST • Twinning program with IIT, Guwahati in phase	• Faculties are Young, Energetic and Multidisciplinary • Strong work force surrounding both faculties and students • IIT, Guwahati was selected as the mentor institute	• Due to infrastructure problem difficult to purchase similar items under single packages • Due to shortage of faculties difficult to implement TEQIP related activities in time • Board of Governors not approved till date	

Seemant Engineering Institute Pithoragarh, Uttarakhand	• Laboratory • FDP • Software skills	• Indelibility • Infrastructure • Connectivity	• Connectivity Problem • Lack of Resources • Distance from Industries	• Industrial Visit • STTP • Instrument • Software • Research Laboratory
Women Institute of Technology, Dehradun	• Twinning - Arrangements with NIT Jamshedpur in progress • Faculty trainings, conferences, workshops and seminars • GATE-2018 Registration fee and IEEE-2018 membership registration for students & faculties • Procurement completed - Laptops, Xerox cum Printer cum Photocopy M/C, Antivirus software for Laptops, AC, Scanner, etc. - Smart Class: Wi-Fi and Networking - Mechatronics Lab - Qualnet software - UPS and Batteries - 3-D Printer - Class room and Labs furniture, - Digital Library - Advanced workshop - NetSim software - Printers and Generator	• Funds provided are extremely helpful to improve the college infrastructure. • Expert lectures conducted. • Workshops organized. • Improve student learning • FDPs	• Difficulty in understanding the TEQIP implementation process • Quick response expected • Time frame is small-data required for NBA accreditation is too much • Internet facility • Promoting research • Shortage of staff	• Improve student learning - Training at IIT/NIT - Induction Training - GATE Classes - Career Counselling, Remedial Classes - Tech Fest / GATE Orientation, etc. • Research and development - Conferences/ Seminars/ - Procuring for research project - Publications • Faculty/Staff Development - Training - Conferences/ Seminars • Mentoring/Twinning - Exchange programs - Joint R & D • Industry-Institute Interaction - Internships - Industry lectures - Industry Visits

Baba Ghulam Shah Badshah University, Rajouri, Jammu & Kashmir	• National Conference, Industrial Visits, paper publications in Journals and Conferences, • One patent filed from COET. • Professional Development Trainings (PDTs) at IIMs. • Visits to ZHCET, AMU (TEQIP-Mentors) • Twenty-Six (26) faculty members appointed through TEQIP-III • Constitution of NBA Committee for preparation of NBA related documents		• Delay in utilization is mainly because of late delivery of equipment's by vendors due to remote location. • Quotation receiving time should be increased as 15 days aren't sufficient in our case. • No grant for NEW Construction. • Amount for equipment's is very less (Rs 5.5 crore for 3 years) • No one willing to provide GATE coaching except Engineer's Zone, that too online. • PMSS and PFMS website should be outsourced. • PMSS problem. • SSC problem. • Selectively choosing only few vendors for invitation for Quotations. • Extra pay for Nodal and Co-Nodal Officer TEQIP-III	• Conference • NBA Accreditation • FDPs • GATE Classes • MOOCs • International Conference/Seminars • Upgradation of Labs • Modernization of Library
Uma Nath Singh Institute Of	• Central Placement Cell	• Good infrastructure • Good no of students	• Digital signature activation problem	• Procurement of goods for Labs

Engineering & Technology VBS Purvanchal University Jaunpur	• Student Learning Assessment test online completed successfully • Entrepreneurship Development Program held • Organized two Start-up programme • Industry visit performed for 2nd year and 4th year students • Organization of workshops • Organised 3 Induction Program • Seminars, Conferences and FDPs organized/attended - 6 Workshops organized - 3 conferences attended - 4 FDP - 3 Technical Expo - 10 Programs/ conferences /workshops		• The provided website (PFMS) processing very slow. • Non availability of fund, 39 expenditure fail. • Procurement related issues	• Renovation of Auditorium. • Furnishing of Smart Classes. • FDP, STP & Workshops etc. • Industrial Visits • Effecting Industry Readiness • Refurbishment and Minor Civil Work
Jawaharlal Nehru Govt. Engineering College, Sundernagar	• Institutions has incurred Rs 2,17,592/- till 15.11.2017 under this project. • Trainings organized for the students under TEQIP-III • 1st BoG meeting on 28.09.2017 under the chairmanship of Prof. Timothy A. Gonsalves, , Director, IIT Mandi under TEQIP Project and got approved various norms for students, staff and faculty members.	• Main strength is location of National Importance institutes i.e. IIT Mandi , IIT Ropar , NIT Hamirpur and NIT Jalandhar in the nearby viscinity of JNGEC Sundernagar. • Funds and availability of resource persons from these institutions will help in getting us to the path of success	• TA rules (Department of Transport, Himachal Pradesh) are on the lower side. • Uploading vender detail in excel file in PFMS • Unable to settle advance adjustment • No incentive to faculty and staff members for doing extra work	• Start up cell (Graduate Employability) • Revision of curriculum (Reforms and Governance) • Expert lecture/guest lectures, pre placement talks, technical refresher course • Registration on SWAYAM MOOCs

	• Institution has successfully completed SLA Survey with Stanford University on 26-28th October, 2017 • Faculty induction training programme conducted • Faculty mentors identified for mentoring students on regular basis.			website; procurement of NPTEL courses • Identify industries to sign MoUs and organizing awareness workshop/ programs • Apply for accreditation by NBA in Civil & ECE programme in 2018 and Mechanical & Textile Engg in 2019.
University College Of Engineering & Technology, VBU, Hazaribaug Jharkhand	• Procurement Plan uploaded on PMSS portal Procurement started • Awareness sessions, Induction Workshops • SLA by Stanford University conducted • Swayam Prabha facility started • Soft-skill trainings • Faculty members and students registered on SWAYAM portal and NDL • Short term courses, Seminars/Conferences, FDP at IITs • Students registered in Smart India Hackathon 2018	• Maximum of our faculties members are young, energetic and dynamic. • We are working as a team it gives maximum affinity towards goal. • There is no interference of government directly, because our institute run and manage by university directly. • We are giving extra classes and guidance for Gate aspirants free of cost	• Understanding the PFMS and PMSS • Preparing the Procurement Plan • A lot of efforts needed to motivate the students to participate in SLA by Stanford University	• Emphasis will be on expediting Procurement process • Lectures from Industry and Academic Experts • Industrial visit for students • Induction program for newly admitted students • Soft-skill training for Pre-final year students
Government College Of Engineering, Keonjhar, Odisha	• Process for BOG formation started	• New institute (can establish new goals)	• Autonomy • Space	• Procurement - To procure equipment, books, furniture

	• Faculty development started • Training programme (CTDC) started	• Dynamic & young faculty members • Location(Industrial belt) • Possibility of industrial tie-up	• Location Disadvantages • Lack of experience	• Academic - Improve industry-institute relation - Conduct seminars and workshops - Conduct necessary training programmes • Operation - Establishment of TEQIP office - Consumables for the departments
Veer Surendra Sai University Of Technology, (VSSUT) Burla, Odisha	• VSSUT has successfully completed TEQIP-II program and currently is under TEQIP-III. • Various activities under TEQIP-III has already started • Equipment already approved by BOM and processing • Start-up programme has already started • FDP has already started • Industry-institute programme has already started	• Infrastructure Development • Faculty Development • Research • Innovation	• Space • Locational Disadvantages • Motivation • Financial Bottleneck • Software problem of TEQIP • Too many reviews	• Innovation: Support for Innovation, Entrepreneurship • Laboratory Development: Procurement of equipment • Student Learning Programme: Induction Training, Career Counselling, GATE Training, Peer learning, Start Up Activities • Soft Skill Development: Industry Readiness • Faculty/Staff Development & Motivation: Induction Training, STTPs • Research & Development

				• Industry-institute Interaction • Capacity Building • Incubation
G. B. Pant Institute of Engineering and Technology, Pauri, Uttarakhand	• Total funds allocated/Project Life Allocation (PLA) in Q3 is Rs. 3,03,01,000.00 • Total Cumulative Expenditure Up to December in Financial Year 2017-2018 is Rs. 53,03,106.00 • Expenditure up to December 2017 in Q3 was done on the following heads of TEQIP-III at our institution: - In Procurement of goods: NIL - In Academic processes: Rs. 46,17,794.00 - In Operating costs: Rs. 6,85,312.00	• College performed very well both in TEQIP-I/TEQIP-II and utilized the full budget allocated . • College is implementing all the academic activities including the AICTE mandate activities as per the guidelines of NPIU. • Procurement activities are slow	• Due to the remote location of the college industries are hesitating to visit and conduct industry oriented short term training activities as well as on placement activities inside the college campus. • Acute shortage of senior faculty positions.	• In Procurement of goods: Rs. 1,64,00,000.00 • In Academic processes: Rs. 1,45,85,000.00 • In Operating costs: Rs. 47,31,000.00