

**BIRLA VISHVAKARMA MAHAVIDYALAYA
(ENGINEERING COLLEGE)
AN AUTONOMOUS INSTITUTION
VALLABH VIDYANAGAR - 388 120**

Minutes of the **2016.3(GIA & SFI)** meeting of the Board of Governors of Birla Vishvakarma Mahavidyalaya held on **Saturday, 18th November, 2017 at 10.30 am** in the Committee Room, Principal's office at Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar.

The following members were present:

1	Dr. S.G..Patel	:	Hon. Secretary, CVM(Nominee of CVM)
2	Dr. Pankajrai Patel	:	Director,GTU – Rep. of VC, GTU
3	Dr. M.N.Patel	:	Vice Chancellor, Gujarat Univ.,(Nominee of CVM)
4	Dr. D.P.Agrawal	:	Former Chairman, UPSC and Chairman P.G.Board, AICTE, New Delhi.,(Nominee of CVM)
5	Er. P.H.Rana	:	Director, Gujarat Urja Vikas Nigam Ltd., (Nominee of CVM)
6	Dr. H.V.Trivedi	:	TEQIP-II Mentor
7	Shri Jagdish I Patel	:	Ex-president, VUIA,(Nominee of CVM)
8	Dr. Indrajit N Patel	:	Principal & Member Secretary, BoG
9	Dr. A.M.Trivedi	:	Professor & Head, Production Engg.Dept. (Nominee of CVM)
10	Dr. B.C.Goradiya	:	Asso.Professor & Head, EC Dept, (Nominee of CVM)
11	Er. V.M.Patel	:	Hon.Jt. Secretary, CVM
12	Er. M.J.Patel	:	Hon.Jt. Secretary,CVM
13	Shri B.P.Patel	:	Hon.Jt. Secretary, CVM
14	Dr. Nikhil Zaveri	:	Hon.Group Director, CVM
15	Dr. R.K.Jain	:	Principal, ADIT
16	Dr. H.B.Soni	:	Principal, GCET
17	Dr. Bhavesh Rajpara	:	I/c. Principal, MBICT
18	Dr. B. R. Parekh	:	Professor & Head, Electrical Engg.Dept., BVM
19	Dr. A.K.Verma	:	Professor & Head, Structural Engg.Dept., BVM + Dean- R & D
20	Dr. D. G. Thakore	:	Professor & Head, Computer Engg.Dept., BVM + Dean, Quality Assurance
21	Dr. L.B.Zala	:	Professor & Head, Civil Engg.Dept., BVM
22	Dr. P.M. George	:	Professor & Head, Mechanical Engg.Dept., BVM+ Dean(Academic)
23	Dr. T.D.Pawar	:	Professor & Head, Electronics Engg.Dept., BVM +Dean Faculty Affairs
24	Dr. T.A.Desai	:	Professor & Head, Mathematics Dept., BVM
25	Dr. V.D.Chauhan	:	Professor, Mechanical Dept. & Professor Incharge,Library
26	Dr. K.N.Brahmbhatt	:	Head, Information Technology.Dept., BVM
27.	Dr. J.M.Rathod	:	Asso.Professor, Electronics Dept. + Asso.Dean(Admn.)

The following members conveyed their inability to attend the meeting and conveyed their best wishes.

1	Er. V.C.Patel	:	Chairman, CGSM Ltd.(Nominee of CVM)
2	Er. Prayasvin B Patel	:	Chairman & MD, Elecon Group of Companies & President (Nominee of CVM)
3	Er. Surendrabhai M Patel	:	President, Charusat Univ. Changa(Nominee of CVM)
4	Shri K.K. Nirala ,IAS	:	Commissioner of Tech. Edu. Gandhinagar
5	Prof. Usha Neelkanthan	:	SPFU Coordinator, (UGC nominee)
6	Er. B.M.Vyas	:	BMV Consultant,(Nominee of CVM)
7	Dr. Nirmal Kumar	:	I/c. Principal, ISTAR
8	Prof. K.M.Makwana	:	Principal, BBIT

Dr S G Patel, Hon.Secretary, CVM and Member BoG chaired the meeting and welcomed all the members and briefed about the contribution of Honorable Chairman Dr C L Patel and CVM for the allround development of the campus and BVM in particular. He shared about the current scenario in Higher and technical education.

He highlighted about the best wishes from Honorable Chairman and his vision for BVM in days to come.

With permission of Chair Dr. Indrajit N Patel, Principal & Member Secretary initiated the meeting with welcome address on behalf of BVM and CVM family. He introduced the members and briefed about their contribution to technical society. He informed about the constitution of BoG for the period 1.7.2017-30.06.2020. Dr Indrajit Patel presented over all picture of the BVM since last meeting in terms of academic and administrative governance, results, placement, infrastructure, human resource, outcome of TEQIP-II and award of TEQIP-III and SSIP as well as various projects received from different funding agencies. He put on record the contribution of CVM and well wishers for the infrastructural development on campus. On behalf of all the members and BVM family he shared feelings for early recovery of Honorable Chairman Dr C L Patel. He also expressed gratitude of thanks to all members of last BoG and BVM family members for constant support, cooperation and guidance for the fruitful outcome of TEQIP-II.

All Heads of the Departments presented the departmental achievements, results and Research papers by faculty during 01.10.16 to 30.06.17.

All BoG members showed satisfaction to the progress made by all the departments and the institution and complemented Pricipal and Team BVM for the achievements since last BoG.

Principal & Member Secretary, Dr. Indrajit N Patel presented the Institution Performance for the last 9 months (01.10.16 to 30.06.17) with Agenda items 16.3.1 to 16.3.47.

A G E N D A (GIA)

16.3.1 To confirm the minutes of the 2016.1 & 16.2 meeting of the Board of Governors held on 30.12.16.

The minutes were confirmed.

16.3.2 To report : Actions taken on the resolution passed at 2016.1 & 16.2 meeting of the Board of Governors held on 30.12.16 vide item No. 16.1&2.6.

ACTION TAKEN ON THE RESOLUTION

The following teaching & non-teaching staff members were relieved as detailed below:

Sr. No	Name & Designation	Date of Birth	Date of Appointment	Date of Superannuation	Date of Retirement as per GR
TEACHING STAFF MEMBERS					
1.	Dr. (Mrs.) B K Shah Asso.Professor, Structural Dept.	14.10.54	08.12.79	13.10.16	31.10.16
2.	Dr. D. S Vyas Professor, Civil Engg. Dept.	02.01.55	25.03.82	01.01.17	31.01.17
NON-TEACHING STAFF					
1.	Shri A. K. Mistry Carpenter, Workshop	14.07.58	24.01.81	13.07.16	31.07.16
2.	Shri S. K. Shah Counter Attendant, Library	06.08.58	01.10.92	05.08.16	31.08.16

The action taken were noted.

16.3.3

To report the names of staff members who are due to retire on the dates mentioned against their names.

Sr. No	Name & Designation	Date of Birth	Date of Appointment	Date of Superannuation	Date of Retirement as per GR
TEACHING STAFF MEMBERS					
1.	Prof.J.J.Bhavsar Asso.Professor (Re-designated),Civil Dept.	14.01.56	17.01.81	13.01.18	31.01.18
NON-TEACHING STAFF					
1.	Shri R.K.Solanky Ref.& AC Mechanic, Mechanical Dept.	25.12.59	15.03.89	24.12.17	31.12.17
2.	Shri Kanu Harman Peon,Computer Dept.	15.02.58	19.06.73	14.02.18	28.02.18

The report was noted.

16.3.4

To consider the Audited Statement for the year 2016-2017.

(Encl: II)

The Audited statement for the year 2016-17 was noted.

16.3.5 To consider the Revised Budget for the year 2015-16 and Budget Estimates for the year 2016-17 **(Encl: III)**

The revised budget for the year 2015-16 and budget estimates for the year 2016-17 were noted.

16.3.6 To consider the Physical Verification report of the Library Stock taken during June 2016 to May, 2017 submitted by the Librarian. **(Encl: IV)**

The report was noted.

16.3.7 To consider the Leave granted to teaching and non-teaching staff members. **(Encl: V)**

The report was noted.

16.3.8 Report of International Conference on Research And Innovations In Science, Engineering & Technology (ICRISET 2017) organized at BVM during 17-19 February, 2017 **(Encl: VI)**

The report was noted.

16.3.9 To report: The following faculty members have completed their Ph.D. research work as detailed below.

Sr. No	Name & Designation	Title of the Ph.D. thesis & Institution	Date of Ph.D. completion
01	Prof. U.K. Jalia Asst. Professor Computer Dept. under the guidance of Dr.J M Rathod, Electronics department, BVM	Human Face Recognition from R.K. University	19.11.16
02	Prof.(Ms.) K.D.Patel Asst. Professor Electronics Dept. under the guidance of Dr.J M Rathod, Electronics department, BVM	Performance Enhancement of TCP Westwood in Wired/Wireless Environment from Charotar University of Science and Technology	13.01.17
03	Prof. R.P.Mehta Asso. Professor Electrical Dept.	An Integrated Approach to Marginal Pricing of Transmission Services from IIT Bombay	07.02.17
04	Prof. H.J.Chauhan Asst. Professor Civil Dept.	Effectiveness of Spectral Similarity Measures to Develop Spectra for Visually Inseparable Classes and their Classification Using Hyperspectral Data from IIT Bombay	18.02.17

05	Prof. V.A.Arekar Asst.Professor Structural Dept.	Development and Study of Space Structure Connectors for Double Layer Grid from SVNIT, Surat	11.07.17
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They have submitted their completion certificates.

The report was noted and congratulated them.

16.3.10

To note the actions taken by Hon. Chairman:

Sr No	Description	Dept.	Period	Approximate expenditure	
01	Approval to start students' consumer store for selling stationery to the students of BVM on no-profit no-loss basis proposed by Secretary, BVM Employees Credit Society. No extra employee permitted.	BVM Credit Society	-		
02	Approval for representation of BVM students in National Level Sports Meet 'Petro Cup-2017' organized at PDPU, Gandhinagar	Dr.N.G.Mishra	16.02.17 to 20.02.17	30,000/-	Gymkhana fund
03	Approval for Budget for 69 th Annual Day & UDAAN 2017	BVM Central Committee	23.03.17 to 25.03.17	13,00,000/-	
04	Approval For repairing of Canon Xerox Machine (Drum replacement + Service charges).	Credit system		24,750.00/-	
05	Approval for participating Amul Volcano 2017 organized by Rotary Club, Anand	Prof.B.S.Patel	26.01.17to 30.01.17	1,05,000/-	
06	Approval for publishing accepted papers in International conference ICRISET 2017 held at BVM.	Dr.I.N.Patel / Dr.J.M.Rathod	17.02.17 to 19.02.17	6,50,000/-	

07	Approval for BVM students approximate 310(GIA + SF) along with accompanying faculty members for attending Vibrant Gujarat Summit Global Trade Show 2017 at Gandhinagar organized by Govt.of Gujarat	Dr.I.N.Patel	12.01.17	68,600/-	TEQIP -II
08	Approval for printing expenditure for Vishvakarma – 2016 Magazine	Dr.N.S.Sathe	-	50,000/-	
09	Approval for networking for internet at Administrative office	Dr.I.N.Patel	-	33,700/-	GIA fund
10	Approval for Utilization of Gymkhana fund for the expenses of Final Year students project exhibition-cum-competition 2017	Dr.I.N.Patel	30.03.17	30,000/-	Gymkhana fund
11	Approval for expenses of training and placement activities.	T&P Cell	-	80,000/-	-
12	Approval for tendering of various stationery related to autonomy examinations for BVM Engineering College for the period of one cycle (04 years).	Dr.J.M.Rathod /Dr.J.R.Pitroda	-	11,00,000/-	-
13	Approval for BVM workshop trimix concrete work.	Dr.I.N.Patel	-	6,00,000/-	-
14	Approval for participating in the Grant Finale of	Dr.I.N.Patel	01.04.17 to 02.04.17	28,000/-	-

	Smart India Hackathon 2017 organized by AICTE-MHRD, Govt.of India held at Bhubaneshwar, Odisha				
15	Approval for replacement of RO Membrane of RO water purifier	Mech.	-	17,500/-	-
16	Approval for fitting of 02 Ton capacity 03 ACs	LRUC hall Dr.J.M.Rathod /Dr.J.R.Pitroda	-	1,50,000/-	-
17	Approval for organizing Summer Internship Programmes during vacation for XII pass students/Diploma advertising in Local News Paper Naya Padkar. 50% share with the Dept. and 50% to BVM Endowment fund 1).Computer Hardware Networking & Troubleshooting (40 hrs.)	EC	During vacation	Fees: Rs.2500/- Per student	
18	2) Overview of programming Language(30 hours)	IT	During vacation	Fees: Rs.1500/- Per student	
	3) Career building in Electronics Engg.(30 hrs.)	EL	During vacation	Fees: Rs.1500/- Per student	
	4) Bridging to the Engg. Mathematics (30 hrs.)	Maths	During vacation	Fees: Rs.1500/- Per student	

The actions taken by the Hon. Chairman were noted.

16.3.11

Following faculty members are granted permission and leave for going abroad as per CTE & CVM rules:

Sr. No	Name, Designation & Dept.	Leave Period		Nature of Leave
		From	To	
1	Dr. Amit Trivedi Prof. & Head, Production Dept.	24.10.16	13.11.16	GTU Diwali vacation
		14.11.16	-	Holiday
		15.11.16	11.02.17	Earned Leave
2	Prof. J.N.Jain Asso.Professor Mechanical Dept. (Visit to USA for private affairs)	01.05.17	17.06.17	GTU Summer Vacation
3	Dr. L.B.Zala Professor & Head Civil Dept. (Visit to Denmark for private affairs)	14.05.17	15.06.17	GTU Summer Vacation
4	Prof. G.K.Sharma (Visit to Greater Noida for private affairs)	20.05.17	27.05.17	GTU Summer vacation
5	Dr. D.R.Bhatt Asso Professor Structural Dept. (Visit to Canada for private affairs)	20.06.17	10.07.17	Earned Leave

Note: The above faculty members were granted Leave on completion of required formalities as per rules. It may be noted that any problem in future regarding their retirement benefit etc. will be at their own risk.

The report was noted.

16.3.12

Approval for organizing Short Term Training Programs, Workshops and bridge courses under TEQIP-II project as below:

No	Faculty Coordinator	STTP /Workshop	Dates	Approx. Exp. (Rs.)	Funding Agency
1	Dr.J.M.Rathod (EL) Dr.B C Goradiya (EC) Dr.V.J.Patel (ME) Dr. N.M.Patel (CP) Dr.S.D.Dhiman(CE)	International Conference on Research and Innovations in Science, Engineering & Technology (ICRISET 2017)	17.02.17 to 19.02.17	22,38,500.00	TEQIP-II

	Prof.R.P.Mehta(EE) Dr. M.S.Holia(EL) Dr. M.E.Shimpi(MA)				
CIVIL ENGINEERING DEPT.					
1	Dr. H.V.Patel Prof. P.J.Shah	Training Programme on Geographic Information system and Its Applications in Civil Engg. For S.Y.B.Tech.(Civil) students	20.12.16 to 24.12.16	41,200.00	TEQIP-II
2	Prof. C.B.Mishra Prof. R.L.Patel	One week STTP on Highway Safety Audit and EIA	02.01.17 to 07.01.17	1,22,900.00	TEQIP-II
3	Prof.J.J.Bhavsar Prof. D.S.Modi	AUTOCAD course for 2 nd & 3 rd level B.Tech. Civil students(04 batches)	06.02.17 to 18.02.17	1,20,000.00	TEQIP-II
4	Dr. S.D.Dhiman Dr. H.V.Patel	STTP on Hydro Meteorological Instrumentation, Hydroinformatics and Water Management	27.02.17 to 04.03.17	95,000.00	TEQIP-II
5	Prof. C.B.Mishra Prof. A.A.Amin	One week STTP on Recent Trends in Pavement Design	06.03.17 to 11.03.17	1,10,800.00	TEQIP-II
6	Prof. N.R.Patel Dr. H.V.Patel Dr. M.E.Shimpi Prof.Aakar Roghelia	One week STTP on Statistical analysis in Scientific and Technical Research(SASTR-2017) jointly by Civil & Mathematics Depts.	06.03.17 to 11.03.17	1,37,200.00	TEQIP-II
ELECTRICAL ENGG. DEPT.					
1	Dr. N.G.Mishra	Two weeks STTP on Advances in Energy Management	26.12.16 to 07.01.17	1,94,400.00	TEQIP-II
2	Prof. D.A.Parikh	Training program on Industrial Automation and	02.01.17 to 06.01.17	1,04,000.00	TEQIP-II

		Control for SYBE(Electrical) students by industry professionals			
3	Prof. D.K.Patel	Training program on Industrial Automation and Control for TYBE (Electrical) students by industry professionals	24.01.17 to 28.01.17	1,04,000.00	TEQIP-II
4	Prof. R.P.Mehta	03 days Workshop on PLC.,SCADA and Protection for Final Year B.E.(Electrical) students conducted by Hi-Mak Ltd., Vadodara	03.03.17 to 05.03.17 & 10.03.17 to 12.03.17	81,000.00	TEQIP-II
III Cell,T&P Cell & Entrepreneur Cell					
1	Dr. L.B.Zala Prof. P.B.Swadas Prof. J.N.Jain	One Day Industry Institute Interaction meet	Dec.16/ Jan.17	1,51,000.00	TEQIP-II
MECHANICAL ENGG. DEPT.					
1	Prof. R.R.Patel Prof.K.B.Brahmbhatt Prof.U.B.Chaudhari	One week STTP on Robotics & Control	21.11.16 to 26.11.16	1,52,550.00	TEQIP-II
2	Prof. H.A.Bhargav Prof. P.G.Choksi	One Week STTP on Research & Development in Solar Energy Applications	19.12.16 to 24.12.16	1,68,300.00	TEQIP-II
3	Prof.J.R.Koisha Prof. A.B.Damor	Finishing School on CREO Fundamentals for T.Y.B.E.(Mech) students	30.01.17 to 18.02.17	39,300.00	TEQIP-II
4	Dr. H.P.Patolia Prof. H.G.Kataria	In-house GATE coaching classes for S.Y.B.E.(Mech) Vibrastudents	03.01.17 to 15.03.17	60,000.00	TEQIP-II
5	Prof.J.R.Koisha	Finishing school on Introduction to	07.03.17	39,300.00	TEQIP-II

	Prof. A.M.Thakkar	CEREO for T.Y.B.E.Mechanical Students	to 28.03.17		
6	Prof. B.S.Patel	02 days workshop on Advanced Training programme in Industrial Automation Using PLC & SCADA for all Four year B.E. students	16.03.17 to 17.03.17	32,000.00	TEQIP-II
COMPUTER ENGG.DEPT.					
1	Dr.M.M.Vegad Prof. U.K.Jalia	One Week STTP on Wireless Sensor Networks and Applications	19.12.16 to 24.12.16	1,83,900.00	TEQIP-II
STRUCTURAL ENGG. DEPT.					
1	Prof. B.R.Dalwadi Prof. V.V.Agrawal	One week STTP on Geotechnical Advances for Infrastructure Development	02.01.17 to 07.01.17	1,18,700.00	TEQIP-II
2	Prof. S.B.Patel Dr.S.V.Mevada	02 days National Workshop on Recent Advances in Earthquake Engineering	20.03.17 to 21.03.17	96,000.00	TEQIP-II
PRODUCTION ENGG. DEPT.					
1	Prof. P.D.Chauhan	Finishing School of Fusion 360 for Final Year B.E.(PE) students	17.01.17 to 03.02.17	39,800.00	TEQIP-II
2	Prof. P.D.Chauhan	Finishing School of Fusion 360 for Third Year B.E.(PE) students	Starting from 07.03.17	38,800.00	TEQIP-II
3	Prof. P.D.Chauhan	Finishing School of Fusion 360 for Third Year B.E.(PE) students	Starting from 15.03.17	38,800.00	TEQIP-II
4	Dr. A.M.Trivedi	One week STTP on Finite Element Analysis	25.03.17 to 31.03.17	1,51,500/-	TEQIP-II
ELECTRONICS ENGG. DEPT.					
1	Dr. D.M.Patel Dr. J.M.Rathod	One Week STTP on Designing Embedded	26.12.16 to 31.12.16	1,12,500.00	TEQIP-II

		Systems and Internet of Things			
2	Dr. J.M.Rathod	Staff Development Programme on MS Office, IT infrastructure utilization	06.03.17 to 18.03.17	37,400.00	TEQIP-II
3	Dr.T.A.Desai Prof. Z.H.Shah	International Women Day celebration DONA 2K17,By the girls, To the girls ,For the girls	08.03.17	20,000.00	GYMKH ANA a/c.
4	Dr. J.M.Rathod Prof. P.H.Panchal Prof. N.R.Ada	03 days National Workshop on Emerging Trends in Electromagnetic and its Applications	26.03.17 to 28.03.17	1,36,600.00	TEQIP-II
5	Dr.K.D.Patel Dr. J.M.Rathod	One week STTP on Design and Simulation Tools for Education and Research in Electronics Communication and Networking	12.06.17 to 17.06.17	--	Funded by IE(I)V.V. Nagar Local Centre and ISTE

The report was noted.

16.3.13 Approval to the following faculty members for attending STTPs, Workshop, paper presentation etc. under TEQIP- II.

Sr. No.	Name of faculty & designation	Course Title	Duration	Approved expenditure (Rs.)
CIVIL ENGG. DEPT.				
1	Prof. N.R.Patel	Management Capacity Enhancement Programme(MCEP) on Academic Leadership Programme for TEQIP institutions at IIM Kozhikode, Kerala	05.12.16 to 10.12.16	23,000/-
2	Prof. P.J.Shah	STTP on “Highway Safety Audit & EIA” organized by Civil Engineering Dept.at BVM	30.01.17to 04.02.17	
3	Prof. J.J.Bhavsar			
4	Dr. H.J.Chauhan			
5	Prof. D.S.Modi			
6	Prof.A.A.Amin			
7	Dr. L.B.Zala	One week STTP on “Statistical Analysis for Scientific & Technical	06.03.17 to	--
8	Prof. N.R.Patel			

9	Prof. H.C.Vakharia	Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM from 06.03.17 to 11.03.17	11.03.17	
10	Prof. A.N.Bhavsar			
11	Prof. P.J.Shah			
12	Dr. H.V.Patel			
13	Prof. A.A.Amin			
14	Dr. H.V.Patel	ISTE WPLP National Workshop on “Quality Management in Technical Education” at Port Blair, Andaman	16.03.17 to 18.03.17	62,000.00
15	Dr. S.D.Dhiman	Oral presentation of paper titled “Integrated Land use Planning and Groundwater Protection in Coastal Area at Harcourt Butler Technical University, Khanpur	24.03.17 to 26.03.17	15,000/-
16	Dr. H.V.Patel	NSS Awareness & Motivational Seminar for Program Officers of NSS at GTU, Chandkheda, Ahmedabad	15.04.17	--
MECHANICAL ENGG.DEPT.				
1	Prof. P.M.Tadvi	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur	17.10.16 to 22.10.16	--
2	Dr. P.M.George	Research paper on Experimental Investigation and Optimization of Flatness and Surface Roughness using Grey Relational Analysis for WCB Material during Face Milling Operation at International Conference on iCMMD 2016) at Dr. B.R.Ambedkar Technological University,Lonere, Maharashtra	20.12.16 to 21.12.16	15,000.00
3	Prof. J.R.Koisha	05 days training on PCDMIS Software application training at Hexagon Metrology India Pvt.Ltd., Pune	01.03.17 to 05.03.17	29,250.00
4	Prof. P.G.Choksi	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM from 06.03.17 to 11.03.17	06.03.17 to 11.03.17	--
5	Dr. P.M.George	Visit to laboratories of IISc. Bangalore under R&D TEQIP-II project action plan	24.03.17 to 25.03.17	50,000.00
6	Prof. P.G.Choksi			

STRUCTURAL ENGG.DEPT.				
1	Prof. S.B.Patel	ISTE WPLP National Workshop on “Quality Management in Technical Education” at Port Blair, Andaman	16.03.17 to 18.03.17	35,000.00 62,000.00
2	Dr. D.R.Bhatt	Management Capacity Enhancement Programme(MCEP) on Academic Leadership Programme for TEQIP institutions at IIM Kozhikode, Kerala	05.12.16 to 10.12.16	23,000.00
3	Prof. V.A.Arekar	Visit to CSIR Structural Engineering Research Centre, Chennai	28.03.17 to 31.03.17	55,500.00
4	Prof. V.V.Agrawaal			
5	Prof. Elizabeth George	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM from 06.03.17 to 11.03.17	06.03.17 to 11.03.17	--
6	Dr. D.R.Bhatt			
7	Dr. S.V.Mevada			
8	Prof. V.R.Arekar			
ELECTRICAL ENGG.DEPT.				
1	Prof.G. K Sharma	STTP on “Recent Trends in Industrial Automation Electronics & Control at MNIT, Jaipur”	08.10.16 to 12.10.16	18,000.00
2	Prof. Y.R.Prajapati	STTP on “Recent Trends in Industrial Automation Electronics & Control at MNIT, Jaipur”	08.10.16 to 12.10.16	18,000.00
3	Prof. D. K Patel	STTP on “Recent Trends in Industrial Automation Electronics & Control at MNIT, Jaipur”	08.10.16 to 12.10.16	10,000.00
4	Prof. A.M. Patel	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur	17.10.16 to 22.10.16	--
5	Prof. A.R.Patel	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur	17.10.16 to 22.10.16	--
6	Prof. D.A.Parikh	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM from 06.03.17 to 11.03.17	06.03.17 to 11.03.17	--
ELECTRONICS ENGG.DEPT.				
1	Prof.Khambalkar	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur	17.10.16 to 22.10.16	--

2	Prof. M.M.Solanki	Visit to laboratories of IISc. Bangalore under R&D TEQIP-II project action plan	04.03.17 to 06.03.17	40,000.00
3	Prof. M.P.Prajapati			
4	Prof. P.H.Panchal	NPTEL Awareness Workshop for Faculty at Charusat, Changa	08.04.17	--
COMPUTER ENGG.DEPT.				
1	Prof. K.J.Sharma	Presenting research paper on Research Perspective: Resource Management, Scheduling Policies, Open Source Platforms and Simulators for Cloud Computing at International Conference on Inventive Systems and Control(IVISC 2017)	19.01.17 to 20.01.17	19,000.00
2	Dr. N.M.Patel	Visit to laboratories of IISc. Bangalore under R&D TEQIP-II project action plan	26.03.17 to 29.03.17	50,000.00
3	Dr.U.K.Jaliya			
MATHEMATICS DEPT.				
1	Dr. T.A. Desai	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM from 06.03.17 to 11.03.17	06.03.17 to 11.03.17	
2	Prof. R.B.Gandhi			
3	Dr. M.E.Shimpi			
4	Prof. S.D.Bhagat			

The report was noted.

- 16.3.14 1. Following faculty members have been given permission to carry out structural consultancy as detailed below without disturbing the institutional work and will not utilize any institutional resources. He will deposit 1/3 amount of the consultancy to BVM Endowment fund:

Sr. No.	Details of work	Client	Cost	Faculty involved
01	Structural Consultancy	Shatak Residential Complex at Anand	2,25,000.00	Dr. Indrajit Patel, Principal
02	Structural Consultancy	Maruti Nexa Car Show Room at Anand	1,25,000.00	
03	Structural Consultancy	Commercial Complex at Vallabh Vidyanagar	55,000.00	
04	Structural Consultancy	Hospital extension at CAM	1,55,000.00	
05	Structural consultancy	Various residential /commercial buildings	6,36,000.00	Dr.Indrajit N Patel F-151/289 dated 4/5/2017

06	Structural consultancy	Various dairy projects for IDMC,GIDC,V.U.Nagar	1,98,000.00	Prof.S.B.Patel F-108.2/593 dated 30/6/2017
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2. Details of receipt of testing and consultancy charges for Environmental Audit 2016-17.

Sr. No.	Name of faculty members	Name of industry	Testing and consultancy charges in Rs.
1	1.Mrs.Reshma L Patel,BVM (Coordinator) 2.Dr.Anand Metre, Chemical Engineer 3.Dr. Urvish Chhaya, Microbiologist	M/s.Alembic Pharmaceuticals Ltd., Formation Division, Panelav	168454.00
2		M/s.Gujarat Alkalies & Chemicals Ltd., Ranoli	179330.00
3		M/s.Enviro Infrastructure Company Ltd., Umraya	285210.00
4		M/s.Panoli Intermediate Pvt.Ltd.	199495.00
5		M/s.Grasim Industries Ltd., (Cellulosic Division)	193479.00
6		M/s.TML Industries Ltd.,	231442.00
7		M/s.Fermenta Biotech Ltd.	167150.00
8		M/s.Deepak Nitrite Ltd.	202332.00
9		M/s.Torrent Pharmaceuticals Ltd.	215980.00
10		M/s.Lupin Ltd.,(Formerly Novodlgm Ltd.)	214623.00
11		M/s.P.I.Industries Ltd.	186620.00
12		M/s.Gujarat Industrial Power Co., Ltd.	131088.00
13		M/s.Grasim Industries Ltd.(Chemical Division)	197558.00
14		M/s.INEOS ABS(India) Ltd.	268651.00
15		M/s.GNFC TDI Unit, Dahej	242800.00
		TOTAL	3084212.00

3. Proposed quotation details of testing and consultancy charges for Environmental Audit 2017-18:

Sr. No.	Name of Faculty members	Name of industry	Testing and consultancy charges in Rs.
1	1.Mrs.Reshma L Patel,BVM (Coordinator) 2.Dr.Anand Metre, Chemical Engineer 3.Dr. Urvish Chhaya, Microbiologist	M/s.Hindalco Industries Ltd.	754030.00
2		M/s.Insecticides India Ltd.	457080.00
3		M/s.ONGC(CPF Gandhar)	429440.00
4		M/s.Panoli Intermediate Pvt.Ltd.	306180.00
5		M/s.Gujarat State Electricity Corporation Ltd.	189620.00
6		M/s.TML Industries Ltd.	352620.00
7		M/s.Fermenta Biotech Ltd.	351700.00
8		M/s.Gujarat Fluorochemicals Ltd.	1597220.00
9		M/s.Reliance India Ltd., Dahej	1250000.00
10		M/s.Indian Oil Corporation, Jawaharnagar	2065914.00
11		M/s. PI Industries Ltd.	439260.00
12		M/s.Reliance India Ltd.	914430.00

		Petrochemicals, Vadodara	
13		M/s. Sterling Biotech	255360.00
14		M/s.Asahi Songwon Colors Ltd.	529620.00
15		GNFC TDI Unit, Bharuch	676601.00
		TOTAL	10569075.00

The report was noted and appreciated the consultancy work done by the faculty members.

16.3.15 To report : Approval to (2nd,3rd & 4th level) Civil Engineering students(72) for participating in 24th IE(I) Students Convention at Pune and other places of technical relevance during 20.10.16 to 26.10.16. Prof. C.B.Mishra, Asso.Professor, Civil Dept. & Ms. Kinjal Patel, Asst.Professor, Mechanical Engg.Dept.(SFI) accompanied the students.

The following Civil Engineering students have presented research papers in the Convention. Approved amount Rs.39, 000 + 10500 = 49,500/-

Sr. No.	Name of Students	Enrollment No.	Title of the paper	Level
1	Badgujar Pranav G & Rajani Aditi	140070106004 140070106002	Impact of simulated aging of bitumen containing polymers	3 rd
2	Patel Heet V & Thakkar Nijanshi	150070106074 150070106112	Impact of Polypropylene Fibers on concrete mix design for rigid pavement	2 nd
3	Patel Zaran D	150070106081	Spectral Analysis of Road Traffic Accidents – a case study of Anand	2 nd
4	Parth Hemendra Pandy & Shivani Ashish Dimke	140070106064 150073106009	A conspectus on Electric Vehicle in India	3 rd
5	Shrey Vaidya & Jainy Shah	130070106122 130070106112	A study on Energy Efficient Functional Building	4 th
6	Amit D Ratnani & Pratik H Patel	140073106027 140073106019	Transformation of a customary working into a green building	4 th
7	Khushboo C Mange Jayesh S Parmar	130070106126 130070106075	Evaluating PMB40 grade bitumen as viable paving material in bituminous mix design	4 th
	Total 13 students	1300/- x 13 = 16,900/-	approved	

The report was noted.

16.3.16 To report: Approval to the following Production Engineering students for presenting their research papers in IVth International Conference on Production and Industrial Engineering (CPIE 2016) at Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Punjab during 19-21 December, 2016:

Sr. No.	Name of student	Title of paper	Period	Approved expenditure from TEQIP-II fund
01	Nikhil Kumar Gohel 140073125002	PE 307 Design and Development of Hydro forming set-up	19.12.16 to 21.12.16	4,700 x 03 = 14,100.00
02	Harsh Panchal 130070125015	PE 304 Design and Flow Simulation of Gating System for Impeller Hub		
03	Karan Kamani 130070125007	PE 307 Design and Development of Hydro forming set-up		

The report was noted.

16.3.17 To report the activities organized by the following Faculty & Student Chapters at BVM Engineering College during 01.10.16 to 30.06.17:

Sr. No.	Name of event	Duration	Organized by	No. of participants	Remarks
ISTE Students Chapter:					
01	Expert Talk: ART OF LIVING	01-10-16	Prof. Ajay Daiya; Dr. J. M. Rathod IE(E); Prof. Anita Bhatt IE(I); Prof. Hiren Patel (ISTE);	200	College level
02	Industrial Instrumentation And Protection Scheme	05-10-16	Prof. Hiren Patel	62	“
03	Major Challenges For Generator Protection.	08-10-16	Prof. Hiren Patel	64	“
04	Virtual Reality	04-02-17	Prof. Hiren Patel	152	“
05	Innovation 360	11-02-17	Prof. Hiren Patel		“
06	VLSI Layout Design Tools & Its Applications	11-02-17	Prof. Robinson Paul, Prof. Hiren Patel	40	“
07	Utilization Of Software In Electrical Engineering	11-02-17	Prof. Hiren Patel	22	“
08	Robotics Workshop	18-03-17	Prof. Hiren Patel	32	“

09	How To Make Use Of Documentation	2,3-02-17	Prof. Hiren Patel	73	“
10	Industrial automation and control	3,4,5-03-17	Prof. Hiren Patel	30	“
11	Visit - SPRERI (Open House)	15-02-17	Prof. Hiren Patel, Prof. Palak Patel	30	“
12	Proteus	04-02-17	Prof. Hiren Patel	45	“
13	Arduino Workshop	18-03-17	Prof. Kanu Patel, Prof. Hiren Patel	18	“
IE VALLABH VIDYANAGAR LOCAL CENTRE					
1	WORLD HABITAT DAY-2016 1. Mission Smart Cities Emerging roles for habitat professional in India 2. Vishwakarma Yojna : An Approach toward Ruranization	03.10.16	Civil Dept. GCET V.V.Nagar		
2	World Food Day – 2016 World Food Day is “Climate is Changing, Food and Agriculture Must Too”	20.10.16 to 21.10.16	Food Processing Dept. ADIT New Vallabh Vidyanagar		
3	One-week STTP on “Research Trends in Robotics”	05.12.16to 09.12.16	Mechanical Dept. GCET V.V.Nagar		
4	One Week STTP on “2D/3D Modelling Using Auto CAD”	19.12.16to 24.12.16	Mechanical Dept. BBIT, V.V.Nagar		
IE (STUDENTS' CHAPTER) ELECTRICAL ENGG. DEPT.					
1	Microcontroller Interfacing	15.10.16	Prof.D.A.Parikh Prof.D.K.Patel	T.Y.B.E Electrical	Prof. Vineetha

				(60 students)	R CIT Changa
2	Seminar/Workshop Career in Renewable Energy	13.02.17	Prof.M.N.Sinha Prof.G.K.Sharma	B.E. Final Year Electrical 80	Sunil N ISRRE New V.V Nagar
3	Technical Visit at "SPRERI", VVNagar	16.02.17	Prof.M.N.Sinha Prof.G.K.Sharma	All B.E. (Electrical) Students 100	Dr.Gaurav Mishra
4	Karamsad 220 Kv Substation	01.04.17	Prof.A.M.Patel Prof.A.R.Patel	T.Y.B.E. Electrical 60	GETCO Engineers
5	Industrial Automation and Control	24.01.17to 28.01.17	Prof.D.A.Parikh Prof.D.KPatel	T.Y.B.E. Electrical 60	Er. Himansh ukumar, Er. Amit Kumar
6	Hands-on Training on PSCAD Software	18.03.17	Prof.S.V.Arya	B.E. Final Year Electrical 80	Prof. Sumit Rathor GCET, V VNagar
7	Emerging Technologies for future of Power System Protection	06.01.17	Dr.R.P.Mehta	All B.E. (Electrical) Studnets 100	Dr. Mital Kanabar Senior R & D Manager, GE Ltd., Canada
8	PLC, SCADA and electrical Protection	03.03.17to 05.03.17	Prof.D.A.Parikh Prof.D.KPatel	B.E.Final Year Electrical 30	Ankit Berawala Hi-Mak Ltd., Vadodara
9	PLC, SCADA and electrical Protection	10.03.17to 12.03.17	Prof.D.A.Parikh Prof.D.KPatel	B.E.Final Year Electrical 30	Ankit Berawala Hi-Mak Ltd., Vadodara
10	Utilization of software in Electrical Engineering	11.02.17	Prof.S.V.Arya	B.E. T.Y. Electrical 60	Prof. Sumit Rathor GCET, V VNagar
11	Industrial Automation and Control	02.01.17to 06.01.17	Prof.D.A.Parikh Prof.D.KPatel	B.E. S.Y. Electrical 60	Er. Himansh ukumar, Er. Amit Kumar

IE (STUDENTS' CHAPTER) CIVIL ENGG. DEPT.					
1	Visit to "Historical place Shaniwar Wada Fort", Pune	21.10.16	Prof. C.B.Mishra Prof.Kinjal Patel	49	--
2	Visit to "Lavasa Smart City", Pune	24.10.16	Prof. C.B.Mishra Prof.Kinjal Patel	49	--
3	Visit to "Kamshet Tunnel", Pune	25.10.16	Prof. C.B.Mishra Prof.Kinjal Patel	49	--
4	Visit to "Vibrant Gujarat Global Trade Show" at Mahatma Mandir, Ahmedabad	12.01.17	Prof. C.B.Mishra	52	--
5	Lecture on "Road safety audit – an over view"	17.01.17	Prof. C.B.Mishra	47	--
6	Survey on "Road Safety Audit – a real field experience"	21.01.17	Prof. C.B.Mishra	30	--
7	Lecture on "Environmental Impact Assessment for Highway Projects"	24.01.17	Dr.L.B.Zala	42	--
8	Lecture on "Pedestrian Safety"	01.02.17	Dr.Jiten Shah IIT, RAM	54	--
9	Lecture on "Effect of perceived crash on mode choice"	01.02.17	Prof.Prajapati, MSUniv.	54	--
10	Lecture on "Environment legislation"	04.02.17	Prof. J.H.Patel	44	--
11	Two events : 1. "Civil Era' 17 – Dream & Draw" 2. Techno-Xpo"	13.02.17	Dr.J.R.Pitroda Prof. P.J.Shah	123 122	--
12	"Civil Era' 17 – Quiz Bee"	14.02.17to 15.02.17	Prof.J.J.Bhavsar	132	--
13	Lecture on "Innovative materials for highway"	04.03.17	Dr.J.R.Pitroda	62	--
14	Lecture on "Soil Stabilization"	11.03.17	Prof.B.R.Dalwadi	66	--
15	Lecture on "Moisture resistant roads"	18.03.17	Er.Pitroda, Zydex Industry, Vadodara	64	--
16	"Recent advances in pavement design"	25.03.17	Dr.L.B.Zala Prof.C.B.Mishra	30	--

17	“Quality control and quality assurance in pavement materials”	26.03.17	Dr.L.B.Zala Prof.C.B.Mishra	30	--
IE (STUDENTS' CHAPTER) ELECTRONICS ENGG. DEPT.					
1	Raspberry Pi architecture and Programming	15/10/16	Dr. D. M. Patel, Prof. Parul Panchal	34	
2	Prototyping Electronics with Microcontroller	21/01/17	Dr. D. M. Patel, Prof. P. H. Panchal	31	
3	National Workshop on "Emerging Trends in Electromagnetics and its Applications"	29-03-17 to 31-03-17	Dr. J.M. Rathod Prof. P. H. Panchal & Prof. N. R. Ada ,Dr. T. D. Pawar,	24	
4	Layout Design of Electronics circuits	18/03/17	Prof. P. H. Panchal , Dr. K. D. Patel	35	
5	Expert Talk from e-Infochips	27/03/17	Prof. P.H.Panchal	32	
6	STTP on Design and Simulation Tools for Engineering and Research in EC and Networking	12/06/17 to 17/06/17	Dr K.D. Patel Dr J.M.Rathod, Dr. D.M.Patel, Dr. T. D. Pawar,	**	
IEEE Student branch					
Sr. No.	Name of event	Duration	Organized by	No. of participants	Resource person
1	Industrial visit to einfochip and ISRO Ahmedabad	05.10.16	Prof. R .P .Mehta	44	
2	Industrial visit to Wanakbori Thermal Power Station, Wanakbori	23.11.16	Prof. R .P .Mehta	45	
3	05 days STTP on Industrial Automation & Control	02.01.17 to 06.01.17	Prof.D.A.Parikh	63 S.Y.B.E.	INDWELL Automation,Pune
4	05 days STTP on Industrial Automation & Control	24.01.17 to 28.01.17	Prof.D.K.Patel	65 T.Y.B.E.	

5	Industrial Automation & Control	01.03.,17	Prof.R.P.Mehta	48 Final year	
6	Workshop on Simulation of Electronics Design Software	04.02.17	Prof. D C Dalwadi	35	
7	Workshop on Wireless Robotics	11.02.17	Prof. D C Dalwadi	62	IEEE Gujarat Section
8	Five days STTP on C and C++ Programming	14.03.17 to 18.03.17	Prof. D C Dalwadi		

NSS					
1	Digital Banking, Cashless Payment	December, 2016	Dr. H.V.Patel	35+ student volunteers	Training for digital/cashless payment to villagers
2	Sainik Welfare Fund collection	February, 2017	Dr. H.V.Patel	75+ student volunteers	Collection of fund Rs.4650/- from faculty/ staff and students of the institute
3	Awareness for "Digital India" mission of GoI	20 th February, 2017.	Dr. H.V.Patel	100+ student volunteers	An expert talk was arranged in association with State Bank of India (SBI), Anand.
4	Blood donation Camp	16 March, 2017	Dr. H.V.Patel	115 unit blood	In association A.D. Gorwala Blood bank, Shri Krishna Hospital, Karamsad
5	One week residential camp at village JOL, Ta. Anand	25-31 March, 2017	Dr. H.V.Patel	36 student volunteers + NSS Program officer	Different social activities, drama, blood donation, health awareness programs etc. in the village.

6	World Environment Day celebration	5 June, 2017	Dr. H.V.Patel	20 students + BVM faculty members	Tree plantation in college campus
NCC					
Sr. No.	Cadets	Total Enrollment Status	Camps Attended	Remarks	
1	49	Enrollment in 1 st year NCC in academic year 2016-17	Kerala Trek (October 2016) National Level Basic Leadership Camp (October 2016) National Level CATC (November 2016)	National Level Camps : 15 Cadets	
2	12	Total BVM Cadets appeared for "C" Certificate Exam in academic year 2016-17	National Level SSB Screening (December 2016) State Level National Integration Camp (December 2016) National Level National Integration Camp (January 2017) National Level	State Level Camps : 24 Cadets	
3	37	Total BVM Cadets appeared for "B" Certificate Exam in academic year 2016-17	Advanced Leadership Camp (January 2017) National Level CATC- Khambhat State Level SSB Screening- National Level		
4	1	Ms.Aishwariya Yadav, BE IVth year EC (Only one cadet of Gujarat)	Got selected for SSB-Screening Capsule (Dec 2016) held at Officers Training Academy, Gwalior. Secured an A grade in B certificate examination held under NCC scheme	Received an appreciation letter from the Deputy Commandant of Officers Training Academy, Gwalior	
5	1	Ishant Bhatt, BE IIIrd Year CP	Secured Gold medal at National Level; competition (Only cadet of Gujarat)		

NPTEL Local Chapter has been started in our college since 28th December 2016. We have purchased (4 TB + 4 TB + 1 TB = 9 TB) Hard Discs and loaded them with NPTEL resources in which total 518 video courses and 426 web courses are available and shared on Intranet on a Internal Server. Dr. R.P.Mehta, Asso.Professor, Electrical Dept. is the coordinator.

For March Exam: Total Registered Students through Local Chapter are: 116. Scholarship approved for them by NPTEL through our Principal Request letter.

For April Exam: Total Registered Students through Local Chapter are: 76. Scholarship approved for them by NPTEL through our Principal Request letter.

Out of these students around 28 students appeared for the exam and got certified in 34 courses. 4 students got ranking of top 5 % score and 1 student topped at national level from our Local Chapter. These students were also felicitated by Principal, BVM by organizing a function “NPTEL Felicitation and Awareness Program” on 8th July, 2017 in LRUC Hall.

We have secured the status of “Active Local Chapter” which is given to top 100 local chapters based on number of students appearing for the exam and getting certified.

The report was noted.

16.3.18 Book Publication

Sr. No.	Author & Co-author	Title of the Book	Publisher & ISBN
1	Dr. U. K. Jaliya Asst. Professor Computer Dept. Dr.J.M.Rathod, Electronics Department	Face Recognition using Principal Component Analysis & Neural Network	LAMBERT Academic Publishing 978-3-330-09062-0

The report was noted and appreciated.

16.3.19 For information:

1. Last installment of Rs.200.00 lakhs against the sanctioned fund under TEQIP-II project of Rs. 10.00 crores has been released from SPFU Gujarat vide fund release order No.CTE/TEQIP-II/SPFU/Fund/2016-17/5466 dated 14.03.2017. The project has been completed on 31.03.2017.
2. Dr.Indrajit Patel, Principal has been elected as member of the Senate under section 15-II(B) (i) of the Sardar Patel University Act as the representative of Birla Education Trust for the term from 22.02.2017to 21.02.2022(University Notification No.K.3/Senate List/7273 dated 07.02.2017)
3. We have applied for Tier-II accreditation (First Phase) of following FOUR of our UG (Engineering) programs. The reference application number is 2294-20-03-2017. We have also received an acknowledgement for the same. Accreditation fee of Rs.1,

26,500/- has been paid through RTGS. We have also deposited remaining amount Rs.1138500. The reference application number is 2294-20-03-2017, dated 15/6/2017

- 1) Civil Engg.
- 2) Electrical Engg.
- 3) Electronics Engg.
- 4) Mechanical Engg.

We have been uploading NBA report in different criteria wise. We are about to complete this within very short time.

4. Gujarat Council on Science and Technology, Gandhinagar has released 2nd installment of the sanctioned grant for Minor Research Project for the F.Y.2014-15 of the following projects:

Sr. No.	Project title	Amount	Principal Investigator	Dept.
1	Analysis and Design of Wireless Communication System for Improvement in Parameters using Adaptive MIMO-OFDM	1,65,000.00 (Letter No.GUJCOST/ MRP/2017-18/104/402 dated 19.05.17)	Prof.M.M. Solanki Dr.J.M.Rathod	Electronics
2	Geomorphological Study of Gulf of Cambay Emphasis on Shoreline Change Detection using Geospatial Techniques	95,000.00 (Letter No. No.GUJCOST/ MRP/2017-18/30/434 dated 19.05.17) Total grant received:Rs.7,15,000/-	Prof. D.S.Modi	Civil
3	An Experiment on the Behavior of Steel Fiber Reinforced Ternary Blended High Strength Concrete Subjected to Sustained Elevated Temperature	65,000.00 (Letter No. No.GUJCOST/ MRP/2017-18/29/419 dated 19.05.17)	Dr.D.A.Sinha	Structural

5. Activities by Computer Engineering Department:

➤ Hackathon:

The Ministry of HRD, All India Council for Technical Education (AICTE) organized “The Grand Finale of Smart India Hackathon during 1st – 2nd April 2017”, a unique initiative to identify new digital technology innovations for solving the challenges faced by our country. This initiative aimed to institutionalize a model for harnessing the creativity and technical expertise of 30 lakh students from 6400 technological institutions for direct benefit of our nation.

A team of Computer Engg. BVM Engineering College was selected for the Grand

Finale Round, 1 from Computer Engineering Branch and 1 from Information Technology. There were total 222 teams in Department of Science and Technology.

The students from Computer Engineering, Rushi Patel, Rohit Patel, Priya Patel, Shivani Patel, Rahul Mourya and Siddharth Goswami along with their faculty mentor Prof. Bhavesh Tanawala devised a solution for building a "Digitized Platform for answering Parliament Questionnaire" in MEAN technology stack.

The team secured 8th rank in Department of Science and Technology, and awarded cash prize of Rs. 12,500.

- **Gate 2017:** Following 12 final year students of Computer Engg qualified the GATE 2017 exam.

Sr.No	Student Name	Score	Rank
1	JINDAL GAURAV GANESHRAM	775	299
2	DOBARIYA PRIYANKABEN GORADHANBHAI	590	1985
3	PARMAR PRIYANKA PRAVINBHAI	512	3718
4	VYAS SHREY VIJAYBHAI	496	4206
5	CHAKLASHIYA AKSHARBHAI RAVJIBHAI	484	4477
6	PATEL MEET KRISHNAKANT	447	5888
7	VAGHASIYA NIRALI MANISHBHAI	442	6228
8	DODIYA UTSAV GANSHYAMBHAI	381	9717
9	SHAH YESHA PARAG	381	9717
10	MISTRY PRITIBEN MANOJBHAI	370	10379
11	CHANIYARA VISHAL JAYANTILAL	365	10779
12	SAHITYA KUNAL JAWAHARBHAI	355	11594

- **Smart farm:** UDP project on smart farm developed by Gaurav Jindal, Ankur Kiyada, Meet Patel and Kunal Sahitya - final year students of Computer Engg., guided by Dr. N M Patel, Dr. M M Vegad and Dr. D G Thakore secured a first rank in a State Level Project Competition Tech-Fest "IMAZE'17" organized at G H Patel College of Engineering and Technology from 8th to 10th April 2017.
- **Codevita results:** TCS organized national level programming contest every year. Out of 34 qualified students of BVM, 24 students are of Computer Engg. Dept.
- **NVIDIA:** NVIDIA is a leading hardware manufacturer for visual computing, described in their official website as "NVIDIA's GPU simulates human intelligence, running deep learning algorithms and acting as the brain of computers, robots, and self-driving cars that can perceive and understand the world. NVIDIA is increasingly known as "the AI computing company."

With reference to grant request of Dr. N. M. Patel, Computer Engg. Department, NVIDIA donated one GPU (Graphics Processing Unit) Titan X Pascal of approximate

cost of Rs. 1.25 Lakhs. The received hardware will be useful for UG & PG subjects and research work.

The reports were noted and appreciated.

16.3.20 The following faculty members were deputed for participating in various short term training program (STTP) / Workshop / Seminar & Conferences during **01.10.16 to 30.06.17** :

Sr. No	Name of the Staff Member	Period	Topic & Place of Attending the Seminar / Workshop / Conference
MECHANICAL DEPT.			
1	Dr. P.M.George	14.10.16	Review meeting of institute Coordinators organized at L.D.College of Engg. Campus, Ahmedabad
		18.10.16	International Conclave on Higher Education(ICHE) organized by Education Department, Government of Gujarat at Mahatma Mandir, Gandhinagar
		14.10.16	Review meeting of institute Coordinators organized at L.D.College of Engg. Campus, Ahmedabad
		20.12.16 to 21.12.16	Presented research paper on Experimental Investigation and Optimization of Flatness and Surface Roughness using Grey Relational Analysis for WCB Material during Face Milling Operation in International Conference on Materials, Manufacturing and Design Engineering(iCMMD 2016) at Dr.B.R.Ambedkar Technological University, Lonere.Maharashtra
2	Prof. P.M.Tadvi	17.10.16 to 22.10.16	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept
3	Prof. S.P.Joshi	21.11.16 to 26.11.16	STTP on "Robotics and Control" organized at Mechanical Engg.Dept., BVM Engg.College
4	Prof. H.G.Katariya	21.11.16 to 26.11.16	STTP on "Robotics and Control" organized at Mechanical Engg.Dept., BVM Engg.College
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept
5	Prof. R. R Patel	21.11.16 to 26.11.16	STTP on "Robotics and Control" organized at Mechanical Engg.Dept., BVM Engg.College
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept

6	Dr. H.P Patolia	21.11.16 to 26.11.16	STTP on “Robotics and Control” organized at Mechanical Engg.Dept., BVM Engg.College
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept
7	Prof. U.B.Chaudhari	21.11.16 to 26.11.16	STTP on “Robotics and Control” organized at Mechanical Engg.Dept., BVM Engg.College
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept
8	Prof.P G Choksi	28.11.16 to 02.12.16	AICTE sponsored One Week STTP on Advances in Refrigeration and Sustainable Energy at College of Engineering Pune, Pune
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM
9	Prof. K.B.Brahmbhatt	17.10.16 to 21.10.16	TEQIP sponsored One week STTP on Digital Manufacturing using RobCAD at Govt.Engg.College, Patan
		24.10.16 to 25.10.16	“Research Opportunities in Collaboration with Industries” at VGEC, Chandkheda
		21.11.16 to 26.11.16	STTP on “Robotics and Control” organized at Mechanical Engg.Dept., BVM Engg.College
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
10	Prof. R.G.Jivani	18.10.16	International Conclave on Higher Education(ICHE) organized by Education Department, Government of Gujarat at Mahatma Mandir, Gandhinagar
		21.11.16 to 26.11.16	STTP on “Robotics and Control” organized at Mechanical Engg.Dept., BVM Engg.College
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept
11	Prof. H.A. Bhargav	24.10.16 to 25.10.16	“Research Opportunities in Collaboration with Industries” at VGEC, Chandkheda

		28.11.16 to 02.12.16	AICTE sponsored One Week STTP on Advances in Refrigeration and Sustainable Energy at College of Engineering Pune, Pune
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
		18.12.16	Seminar on Intellectual Property Rights for Academia
12	Prof. F.R.Vora	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
		12.01.17	Visiting Vibrant Gujarat Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
13	Prof. B.S.Patel	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
14	Prof. J.N.Jain	21.11.16 to 26.11.16	STTP on “Robotics and Control” organized at Mechanical Engg.Dept., BVM Engg.College
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
		12.01.17	Visiting Vibrant Gujarat Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
15	Prof. V.H. Chaudhari	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
16	Prof. J.P.Hadiya	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
17	Prof. A.B.Damor	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
18	Prof. M.J.Zinzuwadia	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
19	Prof. D.P. Trivedi	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.

		25.03.17 to 31.03.17	Finite Element Analysis” organized by Production Engineering Dept. at BVM
20	Dr. V.D.Chauhan	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
		25.03.17 to 31.03.17	Finite Element Analysis” organized by Production Engineering Dept. at BVM
21	Prof. M.I.Kathadi	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
22	Prof. J.R.Koisha	01.03.17 to 05.03.17	Five days training on PCDMIS Software application training at Hexagon Metrology India Pvt.Ltd., Pune
23	Prof. S.J.Vansadiya	25.03.17 to 31.03.17	Finite Element Analysis” organized by Production Engineering Dept. at BVM
24	Dr. H.P.Patolia	23.06.17 to 28.06.17	3rd SERB Summer School on Robotics at IIT, Delhi
STRUCTURAL DEPT.			
1	Dr. A.K.Verma	01.10.16	To attend National Seminar on Soil Contamination by Industrial Waste conducted by IGS, Baroda
		28.01.17 to 29.01.17	Two Days National Seminar on advanced Applications of Geosynthetics in Civil Engineering Practice (AAGCE-17)
2	Prof. Elizabeth George	18.10.16	International Conclave on Higher Education organized by Education Dept. Govt. of Gujarat at Mahatma Mandir, Gandhinagar
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM
3	Dr. D.A.Sinha	10.11.16 to 11.11.16	Workshop on Repair/Rehabilitation & Water Proofing of Concrete Structures at Ambuja Knowledge Centre, Mumbai
4	Dr. S.V.Mevada	26.11.16	One Day Workshop on “Bentley STAAD.Pro V8i” at M.S.University, Baroda
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM
5	Prof. V.A.Arekar	26.11.16	One Day Workshop on “Bentley STAAD.Pro V8i” at M.S.University, Baroda
		12.01.17	Visiting Vibrant Gujarat Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar

		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM
6	Dr. D.R.Bhatt	05.12.16 to 10.12.16	Management Capacity Enhancement Programme on Academic Leadership Program for TEQIP Institutions at IIM, Kozhikode
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM
7	Prof. V. V. Agrawal	09.12.16	Smart Infrastructure Industry Confluence at Adani Institute of Infrastructure Management, Ahmedabad
8	Prof. B.R.Dalwadi	28.01.17 to 29.01.17	Two Days National Seminar on advanced Applications of Geosynthetics in Civil Engineering Practice(AAGCE-17)
9	Prof. S.B.Patel	16.03.17 to 18.03.17	ISTE-WPLP 03 days National Workshop on “Quality Management in Technical Education” at Port Blair, Andaman
10	Dr. A.K.Verma	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
11	Prof. A.N.Desai	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
12	Prof. B.,R.Dalwadi	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
13	Dr. D.R.Bhatt	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
14	Prof. S.B.Patel	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
15	Prof.Elizabeth George	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
16	Dr.D.A.Sinha	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
17	Dr.S.V.Mevada	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.
18	Prof. V.A.Arekar	20.03.17 to 21.03.17	Recent Advances om Earthquake Engineering organized by Structural Engg.Dept.

19	Prof.V.V.Agrawal	20.03.17 to 21.03.17	Recent Advances on Earthquake Engineering organized by Structural Engg.Dept.
20	Dr. S.V.Mevada	22.05.17 to 27.05.17	One week STTP on “Earthquake Protection of Structures” at Charusat, Changa
PRODUCTION DEPT.			
1	Prof. R.S.Barot	18.10.16	International Conclave on Higher Education organized by Education Dept. Govt. of Gujarat at Mahatma Mandir, Gandhinagar
		21.11.16 to 26.11.16	STTP on “Robotics and Control” organized at Mechanical Engg.Dept., BVM Engg.College
		19.12.16 to 21.12.16	Presented research papers at IVth International conference on Production and Industrial Engineering(CPIE 2016) at Dr. B.R.Ambedkar National Institute of technology, Jalandhar
		25.03.17 to 31.03.17	Finite Element Analysis” organized by Production Engineering Dept. at BVM
2	Prof. P.D.Chauhan	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg.Dept.
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept
		25.03.17 to 31.03.17	Finite Element Analysis” organized by Production Engineering Dept. at BVM
COMPUTER DEPT.			
1	Prof. S.A.Bakhru	15.12.16 to 16.12.16	Two day National Workshop on Accreditation and Outcome Based Education at Terna Engineering College, Navi Mumbai
2	Prof. P.B.Swadas	15.12.16 to 16.12.16	Two day National Workshop on Accreditation and Outcome Based Education at Terna Engineering College, Navi Mumbai
3	Dr. N.M.Patel	19.12.16 to 24.12.16	STTP on Wireless Sensor Networks and Applications organized by Computer Engg.Dept.
4	Prof. M.J. Joshi	19.12.16 to 24.12.16	STTP on Wireless Sensor Networks and Applications organized by Computer Engg.Dept.
5	Dr. K.J.Sharma	12.01.17	Vibrant Gujarat Summit 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar

6	Prof. B.A.Tanawala	12.01.17	Vibrant Gujarat Summit 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
7	Dr. M.M.Vegad	09.01.17	Vibrant Gujarat Summit 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
		03.03.17 to 04.03.17	NAAC sponsored Two Day National Seminar on Quality Initiatives : Gateways and Pathways to Institutional Excellence at Nirma University, Ahmedabad
8	Dr. N.M.Patel	02.06.17	FDP on Latest Trends in IT industry, Digital Reimaginatio, etc. at TCS Garima Park
9	Dr. U.K.Jaliya		
10	Prof.A.N.Bhatt	12.06.17 to 17.06.17	Faculty Development Training/Industrial Training for Academia at E-infochip, Ahmedabad
CIVIL DEPT.			
1	Prof. N.R. Patel	05.12.16 to 10.12.16	Management Capacity Enhancement Programme on Academic Leadership Program for TEQIP Institutions at IIM, Kozhikode
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
2	Prof. A.N.Bhavsar	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg. Dept.
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
3	Prof. C.B.Mishra	12.01.17	Visiting Vibrant Gujarat Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
4	Prof. D.S.Modi	30.01.17 to 04.02.17	STTP on “Highway Safety Audit & EIA” organized by Civil Engineering Dept.at BVM
5	Prof. A. A. Amin	02.01.17	National Seminar on Sustainability of Water Resources for Inclusive Growth organized by Water Supply Department, GoG at Gandhinagar
		30.01.17 to 04.02.17	STTP on “Highway Safety Audit & EIA” organized by Civil Engineering Dept.at BVM
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM

6	Dr. S.D.Dhiman	12.12.16	To attend One day National Seminar on Climate Change Adaptation Issues and Challenges at Faculty of Technology & Engineering, M.S.Univeristy, Vadodara
		02.01.17	National Seminar on Sustainability of Water Resources for Inclusive Growth organized by Water Supply Department, GoG at Gandhinagar
7	Prof. R.L.Patel	25.03.17 to 30.03.17	Recent Trends in Pavement Engineering
8	Dr. H.J.Chauhan	12.01.17	Visiting Vibrant Gujarat Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
		30.01.17 to 04.02.17	STTP on “Highway Safety Audit & EIA” organized by Civil Engineering Dept.at BVM
		25.03.17 to 30.03.17	Recent Trends in Pavement Engineering
9	Dr. H.V.Patel	02.01.17	National Seminar on Sustainability of Water Resources for Inclusive Growth organized by Water Supply Department, GoG at Gandhinagar
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
10	Dr. L.B.Zala	06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
11	Prof. H.C.Vakharia	06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
12	Prof. P.J.Shah	30.01.17 to 04.02.17	STTP on “Highway Safety Audit & EIA” organized by Civil Engineering Dept.at BVM
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM
		25.03.17 to 30.03.17	Recent Trends in Pavement Engineering
13	Prof. J.J.Bhavsar	30.01.17 to 04.02.17	STTP on “Highway Safety Audit & EIA” organized by Civil Engineering Dept.at BVM
		25.03.17 to 30.03.17	Recent Trends in Pavement Engineering

14	Dr. H.V.Patel	25.03.17 to 31.03.17	Annual Seven Day Residential camp alongwith volunteers of NSS unit at village JOL, Near Vadtal
ELECTRONICS DEPT.			
1	Prof. M.M.Khambalkar	17.10.16 to 22.10.16	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur
		07.11.16 to 11.11.16	STTP on Wireless and Mobile Communication at NITTTR, Bhopal
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg.Dept.
2	Prof. P. H Panchal	18.10.16	One Day Workshop on Engineering Applications in Aerospace and Defense at L.D.College of Engineering, Ahmedabad
		12.01.17	Visiting Vibrant Gujarat Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
		29.03.17 to 31.03.17	03 days Workshop on “Emerging Trends in Electromagnetics and its Application”
		08.04.17	NPTEL Awareness Workshop for Faculty at Charusat, Changa
3	Prof. M.P.Prajapati	24.10.16 to 25.10.16	“Research Opportunities in Collaboration with Industries” at VGEC, Chandkheda
4	Prof. N.R.Ada	24.10.16 to 25.10.16	“Research Opportunities in Collaboration with Industries” at VGEC, Chandkheda
		21.11.16 to 25.11.16	One Week STTP on “Recent Advances in RF & Microwave Engineering” at L.D.College of Engineering,Ahmedabad
		29.03.17 to 31.03.17	03 days Workshop on “Emerging Trends in Electromagnetics and its Application”
5	Prof. K.D Patel	19.12.16 to 24.12.16	STTP on Wireless Sensor Networks and Applications organized by Computer Engg.Dept.
6	Prof. A.A.Daiya	11.01.17	Vibrant Gujarat Summit 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
7	Prof. Anita Bhatt	23.01.17 to 03.02.17	STTP on “Induction Phase-1 (Prog.No.) at NITTTR Extn.Centre, Ahmedabad

8	Prof. M.M.Solanki	29.03.17 to 31.03.17	03 days Workshop on “Emerging Trends in Electromagnetics and its Application”
9	Dr. D.L.Vala	12.01.17	Visiting Vibrant Gujarat Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
		02.02.17 to 08.02.17	Management Capacity Enhancement Program at IIM, Indore
		29.03.17 to 31.03.17	03 days Workshop on “Emerging Trends in Electromagnetics and its Application”
10	Dr. J.M.Rathod	03.03.17 to 04.03.17	NAAC sponsored Two Day National Seminar on Quality Initiatives : Gateways and Pathways to Institutional Excellence at Nirma University, Ahmedabad
		29.03.17 to 31.03.17	03 days Workshop on “Emerging Trends in Electromagnetics and its Application”
MATHEMATICS DEPT.			
1	Dr. N.S. Sathe	18.10.16	International Conclave on Higher Education organized by Education Dept. Govt. of Gujarat at Mahatma Mandir, Gandhinagar
2	Dr. M.E.Shimpi	10.01.17	Vibrant Gujarat Summit 2017 at Exhibition Ground, Mahatma Mandir, Gandhinagar
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
3	Dr. T.A. Desai	06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
4	Prof. R.B.Gandhi	06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at . at BVM
5	Prof. S.D.Bhagat	06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
ELECTRICAL DEPT.			
1	Dr. B.R.Parekh	07.10.16	SWITCH EXPO 2016 at Vadodara
2	Prof. G.K.Sharma	07.10.16	SWITCH EXPO 2016 at Vadodara
		08.10.16 to 12.10.16	One week STTP on Recent Trends in Industrial Automation Electronics & Control at Malaviya National Institute of Technology, Jaipur

		14.10.16 to 16.10.16	Presented research paper on Performance Improvement using Smart Energy Enhancer and its Effects on Flowing Water for various Industrial Applications at International Conference on Food, Water, Energy Nexus in Arena of Climate Change at AAU, Anand
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg.Dept.
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
3	Prof. J.C.Baria	07.10.16	SWITCH EXPO 2016 at Vadodara
		30.11.16 to 10.12.16	Two weeks TEQIP-II sponsored STTP on “Hands on : Mathematical Modelling and Software Simulation for Power System Engineering at SVNIT, Surat
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
4	Prof. D.A.Parikh	07.10.16	SWITCH EXPO 2016 at Vadodara
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
		19.06.17 to 23.06.17	STTP on Analog and Digital Circuit Design and Testing using Multisim
5	Prof. Y.R.Prajapati	08.10.16 to 12.10.16	One week STTP on Recent Trends in Industrial Automation Electronics & Control at Malaviya National Institute of Technology, Jaipur
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
		25.03.17 to 27.03.17	Training programme on “Concentrating Solar Thermal(CST) Technologies under UNDP-GEF assisted CSH project, MNRE, Govt. of India at India One Solar Thermal Power Plant, Abu, Rajasthan
6	Prof. D.K Patel	08.10.16 to 12.10.16	One week STTP on Recent Trends in Industrial Automation Electronics & Control at Malaviya National Institute of Technology, Jaipur
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
		04.03.17	Seminar on Smart Grid Technologies and Standards organized by GETCO at Vadodara
7	Prof. A.M. Patel	17.10.16 to 22.10.16	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur
		04.03.17	Seminar on Smart Grid Technologies and Standards organized by GETCO at Vadodara

8	Prof. A. R Patel	17.10.16 to 22.10.16	One week STTP on Application of Advance Computational and Measurement Techniques in Research at College of Technology and Engineering, Udaipur
		19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg.Dept.
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
9	Prof. Gaurang Sharma	19.12.16 to 24.12.16	STTP on R&D in Solar Energy Applications organized by Mechanical Engg.Dept.
		25.03.17 to 27.03.17	Training programme on “Concentrating Solar Thermal(CST) Technologies under UNDP-GEF assisted CSH project, MNRE, Govt. of India at India One Solar Thermal Power Plant, Abu, Rajasthan
10	Prof. M.N.Sinha	24.10.16 to 28.10.16	STTP on Recent Trends in Automation and Control at Govt.Engineering College, Patan
		21.11.16 to 26.11.16	STTP on “Robotics and Control” organized at Mechanical Engg.Dept., BVM Engg.College
		26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
		04.03.17	Seminar on Smart Grid Technologies and Standards organized by GETCO at Vadodara
11	Prof. A.A.Shaikh	26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
12	Dr. R.P.Mehta	26.12.16 to 07.01.17	STTP on Advances in Energy Management organized by Electrical Engg.Dept.
		04.03.17	Seminar on Smart Grid Technologies and Standards organized by GETCO at Vadodara
13	Prof. D.A.Parikh	03.03.17 to 05.03.17	Training programme on “PLC,SCADA and Protection at Hi-Mak Pvt. Ltd., Vadodara
		06.03.17 to 11.03.17	One week STTP on “Statistical Analysis for Scientific & Technical Research & Applications organized by Civil Engineering Dept. & Mathematics Dept. at BVM
14	Prof. D.K.Patel	10.03.17 to 12.03.17	Training programme on “PLC,SCADA and Protection at Hi-Mak Pvt. Ltd., Vadodara
15	Prof. A.A.Daiya	03.06.17	Workshop on Introduction and Orientation for SSIP Innovation Challenge, GTU,Ahmedabad

16	Prof. Y.R.Prajapati	19.06.17 to 23.06.17	STTP on Analog and Digital Circuit Design & Testing using Multisim(Prog.No.EE-2)at NITTTR, Bhopal
17	Prof. G.K.Sharma	19.06.17 to 23.06.17	STTP on Analog and Digital Circuit Design & Testing using Multisim(Prog.No.EE-2)at NITTTR, Bhopal
18	Prof. D.K.Patel	22.05.17 to 26.05.17	One week STTP on Recent Trends in Power System Management (For Electrical Branch Only) (Prog. No.Guj3) at NITTTR, Ahmedabad
19	Prof. D.A.Parikh	22.05.17 to 26.05.17	One week STTP on Recent Trends in Power System Management (For Electrical Branch Only) (Prog. No.Guj3) at NITTTR, Ahmedabad

16.3.21 Library information:

1. Approval to subscribe the following e.package periodical from GIA fund.

Sr. No.	e-packages	Amount
01	ASME	2,27,498.00
02	IEEE(POP)	6,76,517.00
Total Rs.		9,04,015.00

The report was noted.

16.3.22 For information: Paper Presentation / Publication at International / National / Workshops / Seminars / Conferences etc. by the Staff members during **01.10.16 to 30.06.17**:

A. INTERNATIONAL LEVEL :

Sl. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.	I.F.
CIVIL DEPT.				
01	Spectroscopy analysis and rheology of sasobit as warm mix additive	Prof. C. B. mishra, Supriya mahida	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM) on 23 rd Dec. 2016 in Vadodara	NA
02	Weighing reactions of VG 10 binder with and without warm mix additives	Prof. C. B. Mishra, Supriya Mahida	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA

03	Nanotechnology material: The next creation of concrete pavement surface	Prof. C. B. mishra, Darshan A patel, R.T. Rohit	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA
04	Traffic noise pollution and its governance – an eye opener	Shanket Alpesh & Prof. C.B. Mishra	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA
05	Mapping the viability of terrasil chemical for soil stabilization	Nandan Patel & Prof. C.B. Mishra	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA
06	Study of retained stability on warm mix additives (145)	Shaleha Vahora & Prof. C.B. Mishra	International conference on “Research & Innovations in Science, Engineering & Technology” (ICRIST-2017) ISBN:	NA
07	Evaluating the efficacy of warm mix asphalt. (Paper Id. 161)	Supriya Mahida & Prof. C.B. Mishra	International conference on “Research & Innovations in Science, Engineering & Technology” (ICRIST-2017) ISBN:	NA
08	Bench marking : Green Aviation Transport System(Paper Id. 224)	Shaleha Vahora & Prof. C.B. Mishra	International conference on “Research & Innovations in Science, Engineering & Technology” (ICRIST-2017) ISBN:	NA
09	Nano Material for highway construction (Paper Id. 316)	Darshan Patel & Prof. C.B. Mishra	International conference on “Research & Innovations in Science, Engineering & Technology” (ICRIST-2017) ISBN:	NA

10	Hearing loss due to traffic noise – A case study of Una Town. (Paper Id. 318)	Alpesh Sankhat, Prof. C.B. Mishra Dr. Shailesh Parmar.	International conference on “Research & Innovations in Science, Engineering & Technology” (ICRIST-2017) ISBN:	NA
11	Performance of Seashell Powder and Chemical Additive on Sub-grade Soil Stabilization (Paper Id. 146)	Ankit Patel & Prof. C.B. Mishra	International conference on “Research & Innovations in Science, Engineering & Technology” (ICRIST-2017) ISBN:	NA
12	Imprint of Micro silica on M40 grade concrete	Darshan Arvindbhai Patel Prof. C.B. Mishra	International Journal of Science & Engineering Development Research, Volume 2 Issue 5, April-2017 Unique Id No. <u>IJSDR1705015</u>	4.07
13	Repercussion of nano silica on M40 grade concrete	Darshan Arvindbhai Patel Prof. C.B. Mishra	International Journal of Science & Engineering Development Research, Volume 5, Issue IV, April 2017. DOI-DOI:10.22214 Paper Id. IJRASET7460	4.07
14	Refitting cellulose fibers for enhancing value of dense bituminous mixes design	Rajesh Prajapati Prof. C.B. Mishra	International journal for research in applied science and engineering technology, Volume 5, issue 4, April 2017 Paper Id. IJRASET7501	ISRA impact factor 3.166
15	Assessing the adequacy of glass fibers in Dense Bituminous macadam grade 2	Rajesh Prajapati Prof. C.B. Mishra	International journal for scientific research and development (IJSRD), Volume 5, Issue 2, April 2017 ISSN : 23210613	1.26
16	Design of Bituminous Mix with and without Partial Replacement of Waste Ceramic Tiles Material	Jinal V. Patel, Dr. H.R. Varia, Prof. C.B. Mishra	International journal of engineering research & technology (IJERT), IJERT, Volume. 6, Issue. 04 , April – 2017page no. 752 to 755	2.85

17	Evaluating the Ability of Chemical Additive for Soil Stabilization	Ankit patel & Prof. C.B. Mishra	International Journal of Current Engineering and Technology E-ISSN 2277- 4106 P-ISSN 2347- 5161, May/June-2017 issue.	4.55
18	Evaluating the Effect of Modified Bitumen after Short-Term Aging using FTIR Spectroscopy & SEM	Kinjal surti & Prof. C.B. Mishra	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5 Issue V, May 201 ISSN: 2321-9653 Page no 222 – 227	4.07
19	Investigating the performance of warm mix additives	Shaleha I. Vahora* Prof. C.B. Mishra	International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161, 22 May 2017, Vol.7, No.3 (June 2017) Page no. 1011 to 1015	4.55
20	Critique of Warm Mix additive in mix design	Shaleha I. Vahora* Prof. C.B. Mishra	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 5 , Issue V, May 2017 Page no. 1334 – 1339.	4.07
21	Developing noise pollution linear regression model of Una town	Alpesh Sankhet Prof. C.B. Mishra, Prof. Aakar Roghelia	International journal for research in applied science & engg. technology IJRASET, Volume 5, issue 5, May 2017 IIN: 2321-9653	6.887
22	Traffic Assignment: A case study of Avkuda	Damini V Patel Dr.L.B.Zala Prof.A.A.Amin	International journal for research in applied science & engineering technology (IJRASET), Volume-5, Issue V, May-2017, PP-1025- 1032	3.166
23	Functional Evaluation and Overlay Design of Flexible Pavement: A Case Study of Thasra -Hadmatiya Road	Dipen Patel Prof.A.A.Amin	International Journal for Research in Applied Science & Engineering Technology (IJRASET), 2017.	3.166

24	Analysis of Speed-Flow Relationship of Heterogeneous Traffic – A Case Study of Selected Stretch of Dakor Road	Gunjan Trivedi Prof.A.A.Amin,	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 5 Issue VI, June 2017, ISSN: 2321-9653.	3.166
25	A land use transportation model for analyzing transportation impact in AVKUDA Region”	Vaibhav parmar Dr.L.B.Zala Prof.A.A.Amin	International journal of Advance research in Engineering, Science & Technology, e-ISSN: 2393-9877, p-ISSN-2394-2444, Volume 3, Issue 10, october-2016, pp-9498.	3.166
26	Capacities and LOS Measures of Intersections	Saiyad Shabazahara Mukhtyarali, Laxmansinh B. Zala Amit A. Amin	Kalpa Publications in Civil Engineering Volume 1, 2017, Pages 209–218 ICRISSET2017. International Conference on Research and Innovations in Science, Engineering & Technology.	
27	Route Choice Analysis: A Case Study of NH 8 and NE1	Shreya V. Bapat, DR. L. B. Zala, A.A.Amin	International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 03, Issue 05; May – 2017	3.166
28	Enhancement Of Public Bus Transport System- A Case Study Of Avkuda	Prof. N.F.Umrigar Vishal P. Khokhani, Dr. L.B.Zala	International Journal Of Advance Research In Engineering, Science & Technology, Vol-3, Oct-2016	3.63
29	Performance Evaluation Of Public Bus Transport Using Multicriteria Decision Making Tool: A Review	Prof.Monicaba Vala Charmin Jarsania, Prof N.F.Umrigar, Dr. L. B. Zala	International Conference On Research And Innovations In Science, Engineering & Technology (Icriset – 2017), Feb-2017	-
30	Study Of Congestion Of The Road Traffic At Railway Crossings	Nandan. A. Patel Mali Darshan, Prof. N. F. Umrigar	International Advanced Research Journal In Science, Engineering & Technology, Mar- 2017	5.947
31	Road Safety Audit: A Case Study Of Navsari To Chikhli National Highway 48	Prof. N. F. Umrigar Krunal S. Baraiya	International Journal Of Latest Engineering And Management Research, Mar- 2017	3.475

32	Road Safety Audit: A Case Study Of Navsari To Chikhli National Highway 48	Prof. N F. Umrigar Krunal S. Baraiya	International Journal Of Advance Research In Engineering Science And Technology, Mar- 2017	4.542
33	Study Of Delay Of The Road Traffic At Railway Crossings	Nandan. A. Patel Mali Darshan, Prof. N. F. Umrigar	International Journal Of Advance Engineering And Research Development, May-2017	4.14
34	Study And Determination Of Pedestrian Level Of Service & Pedestrian Flow Parameters For A Busy Street In Anand City	Prof. N. F. Umrigar Sagar S. Talpada	International Journal Of Research In Applied Science And Engineering Technology, May-2017	6.887
35	Spectroscopy analysis and rheology of sasobit as warm mix additive	Chandravadan mishra, Supriya mahida	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM) on 23 rd Dec. 2016 in Vadodara	NA
36	Weighing reactions of VG 10 binder with and without warm mix additives	Chandravadan mishra, Supriya mahida	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA
37	Nanotechnology material: The next creation of concrete pavement surface	Chandravadan Mishra, Darshan A patel, R.T. Rohit	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA
38	Traffic noise pollution and its governance – an eye opener	Shanket Alpesh & Prof. C.B. Mishra	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA
39	Mapping the viability of terrasil chemical for soil stabilization	Nandan Patel & Prof. C.b. Mishra	International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management (ICFTESPM), on 23 rd Dec. 2016 in Vadodara	NA
40	Estimation of Net Irrigation Requirements of Crops in Deterministic and Stochastic Regimes for Limbasi Canal Command Area	S.S. Khandelwal and S. D. Dhiman	Indian Journal of Technical Education (IJTE) Special Issue for International Conference on Research and Innovations in Science, Engineering and Technology- 2017, pp 113-118, ISSN: 0971-303	

41	Groundwater Quality Assessment for Irrigation water use in Mahi Right Bank Canal Command Area, Gujarat, India	Reshma L. Patel and S D Dhiman	Indian Journal of Technical Education (IJTE) Special Issue for International Conference on Research and Innovations in Science, Engineering and Technology- 2017, pp 151-155, ISSN: 0971-3034.	
42	Integrated land use planning and groundwater protection for coastal area	S D Dhiman	International Conference on Modeling of Environmental and Water Resources Systems, Department of Civil Engineering, School of Engineering, Harcourt Butler Technical University- KANPUR, 24-26th March, 2017. (Presented)	
MATHEMATICS DEPT.				
1	Group-Theoretic Technique For The Class Of Boundary Layer Equations Of Non-Newtonian Fluids	Mehul Tithalia, Ateka Pathan, Trupti Desai, Munir Timol	International Conference on “Research and Innovations in Science, Engineering & Technology” ICRISSET 17 -19 February, 2017	-
2	Revisiting intersection of nine-point circle in the universal mode using novel computing tools (Revisiting Schrödder’s findings)	J.K. Chauhan, R.B. Gandhi	Kalpa Publications in Computing Volume 2, 2017, Pages 20 - 24	NA (SCOPUS indexing)
3	Combined effect of deformation and slip velocity on the performance of a Ferrofluid squeeze film in infinitely long porous rough rectangular plates	M E Shimpi & G M Deheri	Kalpa Publications in Computing, vol.2 , pp.73-84, 2017	NA [Scopus citation]
4	Ferrofluid based squeeze film for a rough conical bearing with deformation effect	J R Patel , M E Shimpi & G M Deheri	Kalpa Publications in Computing, vol.2 , pp.119-129, 2017	NA [Scopus citation]

5	Weakly analytic sets for the Cartesian product of function algebras	A. N. Roghelia H.S. Mehta R.D.Mehta	Kalpa Publications in Computing, Volume 2, 2017, Pages 130-134	NA (SCOPUS indexing)
ELECTRICAL DEPT.				
1	Development of Experimental Quad Copter for Laboratory Demonstration	Sagar Vala and Varun Dave and Dharita K. Patel and Rashesh Mehta	Kalpa Publications in Engineering, ICRISSET2017. International Conference on Research and Innovations in Science, Engineering Technology. Selected Papers in Engineering , volume 1 pages 332 -339, Year 2017, ISSN: 2515-1770	-
2	Optimal Coordination of Directional Overcurrent Relays Using AI Algorithms and Comparison	Gaurav Darji and Ajay Patel and Rashesh P. Mehta	Kalpa Publications in Engineering, ICRISSET2017. International Conference on Research and Innovations in Science, Engineering Technology. Selected Papers in Engineering , volume 1 pages 332 -339, Year 2017, ISSN: 2515-1770	-
3	Optimal Coordination of Directional Overcurrent Relays Using AI Algorithms and Comparison	Gaurav Darji and Ajay Patel and Rashesh P. Mehta	Kalpa Publications in Engineering, ICRISSET2017. International Conference on Research and Innovations in Science, Engineering Technology. Selected Papers in Engineering volume 1,pages 332 -339, Year 2017,ISSN: 2515-1770	-
4	Foot step power Generation using PIC controller	Ajay M Patel Varun Dave Shailesh V Chauhan	International Conference on “Research and Innovations in science Engineering and technology ICRISSET-2017	-
5	Loss of Excitation protection of generator in R-X Scheme	Akshitsinh J. Raulji , Ajay M. Patel	International Journal of Latest Research in Engineering and Technology (IJLRET) Volume 03 - Issue 02 February 2017. PP. 37-42 ISSN: 2454-5031	Imp. fact. 2.26

6	Inner DC Link Capacitor Voltage balancing in Five Level Diode Clamped Multilevel Inverter Using Boost Converter	1.Prof Gaurang Sharma 2.Subham Patel	International Journal of Electrical Engineering and Futuristic Technology A Peer-reviewed journal PAPER ID# :IJEEFT17V1I1250347 Published in IJEEFT, Volume 1 Issue 1, March-2017	-
7	An Overview on Problem of Balancing Of DC Capacitor Voltage in Diode-Clamped Multilevel Inverter Using Boost Converter	1.Prof Gaurang Sharma 2.Subham Patel	ICRISET2017 Number : 236	-
8	Revisiting AC bridges:A Novel Method to Measure Domestic Capacitors using Simple Techniques"	Ashish R. Patel, Dharita K. Patel and Jagadish K. Chauhan.	Kalpa Publications in Engineering, ICRISET2017. International Conference on Research and Innovations in Science, Engineering Technology. Selected Papers in Engineering volume 1,pages 193 -199, Year 2017,ISSN: 2515-1770	-
9	" Analysis of Field Oriented Control Strategy for Induction Motor"	Ujash Vachhani, Ashish R. Patel,	Kalpa Publications in Engineering, ICRISET2017. International Conference on Research and Innovations in Science, Engineering Technology. Selected Papers in Engineering volume 1,pages 214 -219, Year 2017,ISSN: 2515-1770	-
10	An Overview on Problem of Balancing Of DC Capacitor Voltage in Diode-Clamped Multilevel Inverter Using Boost Converter	Shubham R Patel, Gaurang K Sharma, Ashish R Patel	Kalpa Publications in Engineering, ICRISET2017. International Conference on Research and Innovations in Science, Engineering Technology. Selected Papers in Engineering volume 1,pages 187 -192, Year 2017,ISSN: 2515-1770	-

11	Simulation of Solar and Wind Power Plant Using MATLAB for Micro-Grid"	M.N.Sinha Nisarg R.Dave	Kalpa Publications in Engineering, volume 1. 2017 Page no:208–213	-
12	Performance Analysis, Savings and Modifications in Compressed Air System of Manufacturing Industry."	M.N.Sinha Y.R.Prajapati J J Patel Sweta Prajapati	Kalpa Publications in Engineering, volume 1.2017 Page no 457-463	-
13	The performance of solar PV array using different MPPT Techniques	Dr B R Parekh and Sonali Malik	Kalpa Publications in Engineering, volume 1.2017 Page no 152-158	-
14	Transmission Congestion Management using Linear Sensitivity Factors for Electric power system	Dr. B R Parekh and Arpita K Patel	International journal of Electrical and Electronics Engineers (ISSN 2321-2055) Vol. no. 09, Issue 01, January – June 2017.	-
ELECTRONICS				
1	Energy Efficient Routing using Hybrid Approach in LEACH for Wireless Sensor Networks	Jignesh Joshi J M Rathod	International Journal of Computer Science and Information Security (IJCSIS), Vol. 14, No. 11, November 2016, Pittsburgh, Pennsylvania, USA- Page no:793-796 , November 2016	0.519
2	An Adaptive Modulation and Efficient Power Allocation Technique for V-BLAST 2X2 MIMO OFDM System	Rajvirsinh Rana, J.M.Rathod	International Journal of Computer Science and Information Security (IJCSIS), Vol. 14, No. 12, November 2016, Pittsburgh, Pennsylvania, USA- Page no:793-796, December 2016 Thomson Reuters Indexed	0.519
3	Performance Analysis of Efficient Power Allocation Techniques with Different Modulation for 4X4 V-BLAST MIMO-OFDM System	Rajvirsinh Rana, J.M.Rathod	Indian Journal of Science and Technology, Vol 10(17), May 2017 DOI: 10.17485/ijst/2017/v10i17/108932, May 2017, ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645 Thomson Reuters Indexed	-

4	Improving Performance of Distributed Shared Memory (DSM) on Multiprocessor Framework with Software Approach	H D. Vasava, J M Rathod	Indian Journal of Science and Technology, Vol 10(17), DOI: 10.17485/ijst/2017/v10i17/108932, May 2017, ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645, July-2017 Thomson Reuters Indexed	-
5	Research on Pilot Pattern Design for Channel Estimation in OFDM System	A.B.Bambhaniya J M Rathod	Indian Journal of Science and Technology, Vol 10(17), DOI: 10.17485/ijst/2017/v10i17/108932, May 2017, ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645, July-2017 Thomson Reuters Indexed	-
6	Quantization Methods & Speech Coding for Next Generation Wireless Communication	Rajnikant Rathod M.S. Holia	Kalpa series Easy Chair Proceeding , ICRISSET-2017, Feb-2017	-
7	Auto Car Control System Using Smart Phone	Kajol Jat, Ayush Jain M.S. Holia	Kalpa series Easy Chair Proceeding, ICRISSET-2017. Feb-2017	-
8	Automatic Image Registration	M.S.Holia, Z.H.Shah	Kalpa series Easy Chair Proceeding, ICRISSET-2017	-
9	Smart Cart For Accessing the Library Catalogue	Parth Niteshkumar Sarvaiya, Harshvardhan Maheshbhai Patel,Urmi Shah, Patel Rutu Amitbhai M.S. Holia	Kalpa series Easy Chair Proceeding, ICRISSET-2017	-
10	RPCA, MRA and ICA methods for motion artifact identification in AECG signals	D.L.Vala, T. D. Pawar	Kalpa series Easy Chair Proceeding, ICRISSET-2017	-
11	A review: on human action recognition from video	Sneha Patel, Dr. Udesang K. Jaliya M.S. Holia	Kalpa series Easy Chair Proceeding, ICRISSET-2017	-

12	Home facility using raspberry pi	Hiren pandya Dr.D L Vala, A.N.Bhatt	Kalpa series Easy Chair Proceeding, ICRASET-2017	-
13	A Review On Wireless Sensor Networks and Remote Monitoring Alternatives	Harshil Patel Dr. Darshak G. Thakore, D.M.Patel	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRASET-2017	-
14	Survey Of IoT Based Accident Detection and Patient Health Monitoring System	Piyush Jain Piyush Jain, Kinjal Agrawal, M Kirutika and D.M.Patel	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRASET-2017	-
15	Review paper on Zigbee communication	Mira Patel, Shilpa Chocha, Shoeb Ranger A.N.Bhatt	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRASET-2017	-
16	Channel Capacity of MIMO system in Rayleigh fading channel with Receiver Diversity technique	Palak Patel, Darshankumar Dalwadi, Hiren Patel , A.N.Bhatt	Kalpa series Easy Chair Proceeding, ICRASET-2017	-
17	Optical character recognition robot	Umeshkumar Baria, Urvi Bhagat, Deepak Valaand M.M. Khambalkar	Kalpa series Easy Chair Proceeding, ICRASET-2017	-
18	Energy Efficient and Secure LEACH for Cluster-based Wireless Sensor Networks	Jignesh Joshi, J.M.Rathod and Dr. Kinita Wandra	Kalpa series Easy Chair Proceeding, ICRASET-2017	-
19	Fairness and Friendliness Analysis of Most Reliable Transport layer Protocol	K.D.Patel	Kalpa series Easy Chair Proceeding, ICRASET-2017	-
20	Early Breast cancer detection using Flexible Microstrip Antenna	Subham Dhar, SayanDey and Pradeep Singh Chauhan, J.M. Rathod	Kalpa series Easy Chair Proceeding, ICRASET-2017	-
21	Android App Controlled Robot	P.H. Panchal and Rinkesh Chauhan	Kalpa series Easy Chair Proceeding, ICRASET-2017	-

22	Robotic car controlling by Brain signal	P.H. Panchal and NiravKalathiya	Kalpa series Easy Chair Proceeding, ICRISSET-2017	-
23	Implementation of edge detection algorithm using Nexys 4 FPGA	C.S. Patel, RonakVashi and Anish Vahora, Parth Parikh, Bhinjan Dalwadi,Ghanshyam zambare	Kalpa series Easy Chair Proceeding, ICRISSET-2017	-
24	A review: on human action recognition from video	Sneha Patel,. U. K. Jaliya, M.S. Holia	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRISSET-2017	-
25	Design of smart irrigation system using iot	Kishan Avasthi, Kaushal Patel, Yash Shah, Surajkant Singh, Dr. Tanmay Pawar	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRISSET-2017	-
26	Various techniques for detection of glaucoma from retinal fundus images : a review	Monika C. Chavda, Dr. Darshak Thakore, Dr. Tanmay D. Pawar	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRISSET-2017	-
27	Design and implementation of automated cradle	Ruchi khant, Milind Trivedi Foramnaik Dr. J M Rathod	Kalpa series Easy Chair Proceeding, ICRISSET-2017	-
28	Content based video retrieval	Namrata Pandya Dr. Mehfuza Holia	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRISSET-2017	-
PRODUCTION DEPT.				
1	Design and Development of Hydroforming Set-up	R. S. Barot, Karan Kamani, Nikhil Gohel, K. D. Bhatt, Jagdish Patel	IV th International Conference On Production and Industrial Engineering, CPIE-2016, 19-21 December 2016, Dr B R Ambedkar National of Institute of Technology Jalandhar-144011, India Department of Industrial and Production Engineering. ISBN978-93-5267-403-9	

2	A Topsis Method Based Approach for Selection of Optimal Process Parameters in Abrasive Jet Drilling Process	Hardik Beravala, Jenish Samani, Rakesh Barot	IV th International Conference On Production And Industrial Engineering, CPIE-2016, 19-21 December 2016, Dr B R Ambedkar National Of Institute Of Technology Jalandhar-144011, India Department Of Industrial and Production Engineering . ISBN978-93-5267-403-9	
3	Design and Flow Simulation of Gating System for Impeller Hub	R S Barot, Harsh Panchal, Utkarsh Mahulikar, Paresh Shah, Hemant Shah	IVth International Conference On Production And Industrial Engineering, CPIE-2016, 19-21 December 2016, Dr B R Ambedkar National Of Institute of Technology Jalandhar-144011, India Department of Industrial and Production Engineering. ISBN978-93-5267-403-9	
4	Correlating Tensile Strength & Peak Temperatures for Magnesium Alloy AZ91 during Friction Stir Welding using Varied Tool Geometries & FEA Tool	K D Bhatt, Nikul Patel, Vishal Mehta	International Conference on “Research and Innovations in Science, Engineering & Technology” (ICRISET-2017): Date: 18-02-2017	
5	Analysis of Variance for Surface Roughness Produced During Vibration Assisted Lapping Process	Deep Rao, Kaustubh Samvatsar, Rakesh Barot, Hardik Beravala	International Conference on “Research and Innovations in Science, Engineering & Technology” ICRISET-2017, 17- 19 February 2017B V M Engineering College, V V Nagar. ISBN: 978-9384339-38-8	
6	Reduction in lead time of automated gas fired kit fitting box using QC tools and strategies	Abhishek Rana, Dhaval Vithani, Prof. R. S.Barot, Mr. Amar Patel	International Conference on “Research and Innovations in Science, Engineering & Technology” ICRISET-2017, 17- 19 February 2017, B V M Engineering College, V V Nagar ISBN: 978-9384339-38-8	

7	Defects Analysis using E Foundry and Flow Simulation for Crank Case Casting	Yogin Vekariya, Trushant Desai, Rakesh Barot, B K Sharma	International Conference on “Research and Innovations in Science, Engineering & Technology” ICRISSET-2017, 17- 19 February 2017, B V M Engineering College, V V Nagar ISBN: 978-9384339-38-8	
8	Gating system design and simulation of impeller hub	R S Barot, Harsh Panchal, Paresh Shah, Hemant Shah	2nd International conference on emerging trends in Mechanical Engineering (ICETME 2017), GCET, V V Nagar. ISBN:978-93-84659-77-6	
9	Quality Improvement of crank case casting by gating system design modification through simulation	Trushant Desai , Yogin Vekariya, Rakesh Barot, Jay N Shah, B K Sharma	2nd International conference on emerging trends in Mechanical Engineering, (ICETME 2017), GCET, V V Nagar ISBN:978-93-84659-77-6	
10	Productivity Improvement with the Application of lean Tools-SMED and 5s.	Purvi Chauhan, Aniket Gajjar	International Conference on Research and Innovations In Science, Engineering & Technology, BVM Engineering College. 17-19 February, 2017	
11	The Advance Design of Muffler for the Acoustic Advantage on Autonomous vehicles using DOE	Jatin Makwana, B S Patel, R G Jivani, Purvi Chauhan	International Conference on Research and Innovations In Science, Engineering & Technology, BVM Engineering College. 17-19 February, 2017	
12	Feeding and Gating System Design and Simulation of Flange Roller of Hydrators for Yield Melioration	Purvi Chauhan, Vivek Chauhan, Mohit Anuvadiya	International Conference on Research and Innovations In Science, Engineering & Technology, BVM Engineering College. 17-19 February, 2017	
13	Experimenting and predicting Flatness and Surface Roughness during Face Milling Operation of CF8M GradeA-351	Purvi Chauhan, Sagar Patel, KaranPatel	International Conference on Research and Innovations In Science, Engineering & Technology, BVM Engineering College. 17-19 February, 2017	

14	Productivity Improvement using Motion Study and Work Measurement in Permanent Magnet DC (PMDC) Motor	Mod.Jishankhan Pathan, Akil Jariya, Deep Patel, Utkarsh Dubey	International Conference on Research and Innovaions in Science, Engineering & Technology	
STRUCTURE DEPT.				
1	Seismic vibration control of building with Lead Rubber Bearing isolator	Kishan R. Bhojani , V. B. Patel, S.V.Mevada	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
2	Vibration Control of Building Subjected to Harmonic Excitation	Narayan B. Makwana, Snehal V. Mevada, Vishal B. Patel	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
3	Seismic Performance Evaluation of RCC Buildings with Different Structural Configurations	Mohit K. Parmar, Snehal V. Mevada Vishal B. Patel	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
4	Effect of Stabilizing agent in Enhancement of Compressive strength of Soil : A Review	Munshi Zeeshan, A.K.Verma, D. A. Sinha	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
5	Ground Improvement by Stone Column: A Review	Ankit Vaghela, A. K. Verma, D. A. Sinha	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
6	An Experimental Study on Piled Raft Foundation	Dhvanit Mehta, Bharat R. Dalwadi, Atul N. Desai	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-

7	Study of Quadri Quintic Element Applicable to Deep Beams	Khevna B. Patel, A. N. Desai, V. A. Arekar	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
8	Applications of Harmony Search Algorithm in Structural Engineering	Gunjan Chauhan, Vishal Patel and Vishal Arekar	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
9	A Review on Utilization of Industrial Waste (Used Foundry Sand) and Nano silica in Concrete	Dushyant R. Bhimani , Indrajit N. Patel	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
10	Experimental Investigation to Study the Engineering and Durability Properties of Ultra High Strength Concrete Incorporating Sustainable Materials	Anand Makwana, Indrajit N. Patel, Jagruti Shah, Gaurav Gohil	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
11	Experimental study on Rheological and Durability properties of Self-compacting Concrete by using quaternary blending	Ashika Shah, Indrajit N. Patel, Jagruti Shah, Gaurav Gohil	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
12	A design comparison of Castellated beam for different parameters	Vimlesh V. Agrawal, D. R. Bhatt	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-

13	Investigation on the effect of varying dosages of steel fibre on the strength and workability properties Of high strength concrete	D. A. Sinha, A.K.Verma,	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
14	A Critical Review on Use of Basalt Fiber Cables Pre-Stressing Applications	Kishan Aghera, Dr. Indrajit Patel	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
15	Effectiveness of different connectors used in Double Layer Grid Structure: A parametric study	Mansi Mehta, Dipali Patel, Vishal Arekar	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
16	Confined Masonry – Analysis, Design and Comparison	Kushal Desai, Sumant B. Patel, Vimlesh V. Agrawal	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
17	Comparative Study of Triangle Tubes Bundled System and Square Tubes Bundled System	Jay Patel, Vishal Patel, Elizabeth George	International Conference on "RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET-2017)"	-
18	Stabilization of clayey sand (SC) type of soil using Cement	Munshi Zeeshan I., Dr. A.K.Verma, Dr. D.A.Sinha	International Journal of Advance Research in Engineering, Science & Technology, Ahmedabad, E-ISSN: - 2393-9877 P-ISSN: - 2394-2444	-
19	Ground Improvement by Stone column of Soft Silty Soil bed	Ankit J. Vaghela, Dr. A.K.Verma, Dr. D.A.Sinha	International Journal of Advance Research in Engineering, Science & Technology, Ahmedabad, E-ISSN: - 2393-9877 P-ISSN: - 2394-2445	-
20	Experimental Study of Bacterial Self-Healing Effect in Different Types of Advanced Concrete	Ajay H. Bariya, Prof. (Dr.) Indrajit Patel, Prof. Gaurav Gohil, Prof. Jagruti Shah	International Journal of Advance Research in Engineering, Science & Technology, Ahmedabad, E-ISSN: - 2393-9877 P-ISSN: - 2394-2444	-

21	Optimization of Double layer grid structure with Teaching learning based Optimization	Harsh Patel, Prof. Vishal Arekar, Prof. A. N. Desai	International Journal of Advance Research in Engineering, Science & Technology, Ahmedabad, E-ISSN: - 2393-9877 P-ISSN: - 2394-2447	-
22	Parametric study of various Tube in Tube structure	Shaishava A. Modi, Prof. Vimlesh V. Agrawal, Prof. Vishal A. Arekar	International Journal of Advance Research in Engineering, Science & Technology, Ahmedabad, E-ISSN: - 2393-9877 P-ISSN: - 2394-2448	-
23	study of semi-rigid connection in multy storey multi bay frame	Ankit P. Desai, Dr. D. R. Bhatt, Dr. Snehal V. Mevada	Global journal for Research Analysis, Ahmedabad, ISSN No. 2277-8160	-
24	Pushover Analysis of Asymmetric Steel Buildings	Mohit K. Parmar, Dr. S.V.Mevada, Prof. Vishal B. Patel	SSRG International Journal of Civil Engineering, Tamil Nadu, ISSN: - 2348- 8352	-
25	Vibration Control of Asymmetric Building Subjected to Harmonic Excitation	Narayan B. Makwana, Dr. S.V.Mevada, Prof. Vishal B. Patel	SSRG International Journal of Civil Engineering, Tamil Nadu, ISSN: - 2348- 8353	-
26	Microstructural Analysis of steel fibre Ternary blended high strength concrete subjected to sustained elevated Temperature	Vishesh Gaglani, Dr. A.K.Verma, Dr. D.A.Sinha	International Journal of Advance Research in Engineering, Science & Technology, Ahmedabad, E-ISSN: - 2393-9877 P-ISSN: - 2394-2446	-
COMPUTER DEPT.				
1	A Survey on Online Shopping Recommendation System based on Various Classification Algorithms	Vishal Kanjariya, Prof. M.I.Hasan	International Journal of Scientific Review and Research in Engineering and Technology – IJSRRET, Vol-1 Issue-6, Sep-Oct 2016	-
2	A Survey on Hand Gesture Recognition for Indian Sign Language	Juhi Ekbote, Prof. Mahasweta Joshi	International Research Journal of Engineering and Technology, Vol-3 Issue 10, October 2016	4.45

3	A survey of Super Resolution Techniques	Krupali Ramavat, M.J.Joshi, Prof.P.B.Swadas	International Research Journal of Engineering and Technology, Volume:3 Issue: 12, December 2016	4.45
4	A Review On Indian currency recognition	Mr.Viranchi N Patel, Dr.Udesang K Jaliya, Prof.Keyur N Brahmbhatt	International Journal of Advance Engineering and Research Development, Volume 3, Issue 12, December 2016	4.14
5	A Review: No-Reference/Blind Image Quality Assessment	Patel Dharmishtha, Dr. Udesang K. Jaliya, Prof.H.D.Vasava	International Research Journal of Engineering and Technology, Volume:4 Issue: 01, Jan 2017	5.181
6	Review on MAC Protocols for Underwater Acoustic Networks	Jil Barot, Prof. Samip patel	International Research Journal of Engineering and Technology, Volume:4 Issue: 01, Jan 2017	5.181
7	A Survey of IoT Enabled Solutions for Pollution Detection and Safety Enhancements for Smart Automobiles	Maitry Panchal, Prof.S.A.Bakhru, Prof.P.B.Swadas	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
8	A Survey: Smart Drip Irrigation System	Ashruti Patel, Dr. Narendra Patel, Prof.P.B. Swadas	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
9	Indian Sign Language Recognition using ANN and SVM Classifiers	Juhi Ekbote, Mrs. Prof.Mahasweta Joshi	International Conference on Innovations in Information Embedded and Communication Systems	-
10	Survey on Structural Health Monitoring using IOT and Wireless Technology	Brinda Chanv, Prof.SA. Bakhru	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-

11	A Study on Sequential Pattern Mining Approaches and its Applications to Education Data Mining	Pinal Patel, Prof.Kirti Sharma, Dr. Narendra Chauhan	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
12	A Review: On Human Action Recognition From Video	Sneha Patel, Dr.U. K. Jaliya, Dr.Mehfuza Holia	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
13	A Review on "Privacy Preservation in Data Mining"	Deeksha Gupta, Prof.B.A. Tanawala, Prof.Hemant Vasava	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
14	Key Distribution Using Quantum Cryptography, Study on Quantum Key Distribution Protocols	Maitri Patel, Prof. M.I. Hasan, Prof.Nilesh Prajapati	International Conference on Engineering and Technology, International Conference on Research and Innovation in Science, Engineering and Technology	-
15	A Review on Video Analysis for Vehicle Detection and Classification	Atmiya Patel, Dr. Darshak G. Thakore, Dr. N. M. Patel	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
16	A Review : Music Recommendation System Based on Music & User Grouping	Parmar Darshna Prof. Kirti Sharma	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
17	A Review on Wireless Sensor Networks and Remote Monitoring Alternatives	Harshil R Patel, Dr. Darshak G. Thakore, Dr. Dipakkumar M Patel	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February 2017	-
18	Various Techniques for Detection of Glaucoma from Retinal Fundus Images : A Review	Monika C. Chavda, Dr. Darshak G. Thakore, Dr. Tanmay D. Pawar	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February, 2017	-

19	A Review on feature selection methods for microarray data	Manjula Singh, Prof. Bhavesh A. Tanawala, Maulika S. Patel	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February, 2017	
20	Indian Currency Recognition using Neural Network Pattern Recognition Tool	Mr. Viranchi Patel, Dr. Udesang K Jaliya, Prof. Keyur N Brahmbhatt	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February, 2017	
21	Flower Classification using Texture and Color Features	Shaparia Riddhi, Dr. N. M. Patel, Zankhana H. Shah	International Conference on Research and Innovation in Science, Engineering and Technology, 17-19 February, 2017	
22	A Survey of Feature Extraction Techniques for Flower Classification	Shaparia Riddhi, Dr. N. M. Patel, Zankhana H. Shah	International Conference on Intelligent Systems and Signal Processing, 24-25 March, 2017	
23	Classification of clothing using Image Features	Meet Patel, Dr. N. M. Patel	National conference on Sustainable computing and Information Technology (SCIT 2017), 25-26 March 2017	
24	A Survey: Smart Parking System using IoT	Vishwa Chokshi	International Journal of Advance Engineering and Research Development, Vol-04 Issue-04, Apr-17	4.72
25	Review on Data Security on Cloud using Homomorphic Encryption over Big Data	Rinkal Patel	International Research Journal of Engineering and Technology, Volume: 04 Issue: 04, April 2017	5.181
26	Forecasting of River Water Quality Parameters	Joy Parmar, Prof. M.I. Hasan	International Journal of Scientific Research in Engineering, Volume: 1 Issue: 5, May 2017	3.27

27	Sentiment Analysis: A Review	Sneha Jadav, Bhevish Tanawala, Hetal Gaudani	International Journal of Advance Engineering and Research Development , Volume-4, Issue-5, May 2017	4.72
28	Internet of Things(IoT) based Water Monitoring System:A Review	Pragati Damor, Prof.Kirtikumar J Sharma	International Journal of advance Engineering and Research Development , Volume 04 Issue 06, June 2017	4.72
MECHANICAL DEPT.				
1	“A review on exhaust noise reducer muffler for I C Engine”	Prof. J.P.Hadiya Prof.B.S.Patel	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
2	Study on analysis of supercritical boiler tubes failure: a review	Prof.H.G.Katariya, Prof. S.A.Shah	International Conference on “Research and Innovations in Science, Engineering & Technology”17-19 Feb. 2017	
3	Simulation based study of mechanical and thermal behavior of super orifical steam generator tubes	Prof.H.G.Katariya,	International Journal of Nanotechnology Research and Development, May 2017	
4	Analysis of bolster and stripper assembly of high pressure molding machine	Prof.D.P.Trivedi, Dr.V.D.Chauahn	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
5	Analysis of turn table assembly of semiautomatic high pressure molding machine	Prof.D.P.Trivedi, Dr.V.D.Chauahn	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
6	Design and Fabrication of solar parabolic collector for water distilation(IJTE ISSN:09713034)	Prof.H.A. Bhargav , Prof.U.B. Chaudhari, Prof.P.G. Chauhari	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	

7	Computational Analysis of Reciprocating Piston for Life time Performance(IJTE ISSN:09713034)	Prof.H.A.Bhargav, Prof. S.A.Shah	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
8	Experimental Investigation on Adsorption Capacity of ACF-Methanol pairs for Cooling Application	Prof.H.A.Bhargav,	International Journal, March, 2017	
9	Parametric study and geometrical optimization of centrifugal blower	Prof. V.H, Chaudhari, Prof.M.J. Zinzuwadia	International Conference on “Research and Innovations in Science, Engineering & Technology” 2017	
10	A review on investigation on noise measurement and performance prediction of axial flow fan	Prof. V.H, Chaudhari, Prof.M.J. Zinzuwadia	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
11	A review analysis & structural optimization of upper beam of press	Prof. V.H, Chaudhari	International Journal of Advance Research and Innovative Ideas in Education 2017	
12	Review one paper from IRJPEH 17	Prof. V.H, Chaudhari	International Journal of Environmental Research and Public Health, 17	
13	Received outstanding contribution as reviewer “from Int. Journal of Science Engg. & Technology	Prof. V.H, Chaudhari	International Journal of Science Engg. & Technology	
14	Parametric study and design optimization of centrifugal pump impeller	Prof.M.J. Zinzuwadia	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
15	A review on vibration analysis of gearbox of vertical rolling mill	Prof..PM.Tadvi, Prof.R.G.Jivani	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	

16	A Review Paper on Study and Scope of Geometric Dimensioning and Tolerancing (GD&T) to Enhance the Process Capability of Hole Machining Processes	Dr.P.M.George,	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
17	Design and analysis of Force/Moment sensor for a robot	Dr.V.J.Patel, Dr.H.P.Patolia	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
18	Balance a two wheeler by means of gyroscope: a review	Prof.R.G.Jivani, Prof.J.R.Koisha	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
19	Analysis of mechanical properties of natural fiber composite beam	Prof.K.B. Bhrambhatt, Dr.H.P.Patolia	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
20	Optimum selection of mechanical drives using tophis	Dr.P.M.George	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
21	Analysis of turn table assembly of semiautomatic high pressure molding machine	Dr.V.D.Chauahn, Prof.D.P.Trivedi,	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
22	Design and development of overhead monorail structure for material handling	Prof.S.P.Joshi, Prof.R.R.Patel	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
23	Design and analysis of solid and cross-drilled disc brake rotors	Prof.M.J.Zinzuwadia, Prof.M.I.Kathadi	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
24	Location optimization of fixture for gearbox housing	Prof.S.P.Joshi, Prof.R.R.Patel	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	

25	The advance design of muffler for the acoustic advantage on automotive vehicles using d.o.e	Prof.B.S.Patel, Prof.R.G.Jivani,	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
26	A review on shell mold for investment casting	Prof.R.R.Patel Prof.S.P.Joshi	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	
27	Design of conical roof structure of liquid Sulphur storage tan	Prof.P.M.Agrawal, Dr.V.J.Patel	International Conference on “Research and Innovations in Science, Engineering & Technology” 17-19 Feb. 2017	

B. NATIONAL LEVEL

CIVIL DEPT.				
1	Capsulization of Nanotechnology Material in Pavement Engineering	Darshan Patel, Zaran Patel & Prof. C.B. Mishra	NATIONAL CONFERENCE ON APPLICATIONS OF NANOTECHNOLOGY-FEBRUARY-2017. (International Journal of Advance Engineering and Research Development) e-ISSN (O): 2348-4470 p-ISSN (P): 2348-6406 Impact factor 4.72,Page no. 21 to 29	N A
2	Short term transient effect on bitumen containing modifiers	Kinjal Surti, Prof. C.B. Mishra, Shri Kishan Vachhani	National conference on “New horizons in Civil Engg-2017 (NHCE-2017) ISBN:978-81-933591-1-2 during March 25 th to 26 th , 2017	N A
3	Analysis of flexible pavement Using Finite Element Method	Kamlesh patel Prof. Amit A. Amin	National Conference on Recent trends in Engineering, Management, Pharmacy, Architecture and Science, ‘NCETEMPAS – 2017	
4	Structural and Functional Evaluation of Flexible Pavement: A review	Dipen Patel Prof.A.A.Amin	National Conference on Recent trends in Engineering, Management, Pharmacy, Architecture and Science, ‘NCETEMPAS – 2017	

5	Finite Element Method: The Realistic Approach for Analysis of Flexible Pavement	Kamlesh patel Prof. Amit A. Amin	National Conference on New Horizons In Civil Engineering (NHCE-2017), Sarvajanik College Of Engineering & Technology, Surat,	
6	Analysis of Traffic Flow Parameters of Heterogeneous Traffic: A Review	Gunjan Trivedi Prof.A.A.Amin,	2nd National Conference on “Recent Trends In Engineering, Management, Pharmacy, Architecture and Science (NCRTEMPAS-2017,	
7	Performance Evaluation Of Public Bus Transport System In Metropolitan City	Prof.Monicaba Vala Charmin Jarsania, Prof N.F.Umrigar, Dr.L.B.Zala	National Conference On “Recent Trends In Engineering, Management, Pharmacy, Architecture And Science” (Ncrtempas – 2017), Mar-2017	
8	Study Of Pedestrian Transportation System: A Case Study Of Anand	Prof. N.F.Umrigar, Sagar S. Talpada	National Conference On “Recent Trends In Engineering, Management, Pharmacy, Architecture And Science” (Ncrtempas – 2017), Mar- 2017	
MECHANICAL DEPT.				
1	National Conference on " Progress, Research and Innovation in Mechanical Engineering"	Prof. H.A.Bhargav	National Conference, 25-26 March 17	

The report was noted.

16.3.23

To report: Hiring of following Trainee Asst. Professors (Lecturer) purely on adhoc basis (for 11 months) against the sanctioned vacant posts in various departments (GIA) with effect from 1.8.2017:

Sr. No.	Name of faculty	Dept.	Date of joining	Remunation (pm)
01	Mr.Pambhar Prashant Rajeshbhai	Civil	1.8.2017	15,000/-
02	Mr.Kamariya Umesh Bhikhabhai	Civil	1.8.2017	15,000/-
03	Mr.Gajjaar Dhruvesh Ashokbhai	Production	1.8.2017	15,000/-
04	Ms.Vyas Drashti A	Electronics	1.8.2017	25,000/-*

*She is working in Electronics Department since more than one year so she has been paid remuneration of Rs.25,000/-

The report was noted.

16.3.24

To report : Consolidated salary of the following adhoc Trainee lectures have been revised as per CVM letter No.CVM/22/2016-17/6100 dated 18.01.2017 (working more than 02 years : Rs.30,000/- and less than 02 years :Rs.25,000/-) with effect from January, 2017:

Sr. No.	Name of faculty	Dept.	Date of joining	Existing salary	Revised salary	With effect from
01	Ms. Khushboo A Panchal	Computer	30.07.14	15,000/-	30,000/-	January,2017
02	Ms. Jetal Lad		24.08.15	15,000/-	25,000/-	
03	Ms. Nirali A Patel		24.08.15	15,000/-	25,000/-	
04	Ms. Khushboo Desai	Electronics	10.07.13	15,000/-	30,000/-	
05	Ms. Sneha M Rawal		17.07.13	15,000/-	30,000/-	
06	Mr. Shivam M Patel		24.08.15	15,000/-	25,000/-	
07	Mr. Patel Mehul R	Maths	13.09.12	15,000/-	30,000/-	
08	Mr. Nilesh C Sonara		01.02.13	15,000/-	30,000/-	
09	Mr. Tridip Macwan		16.07.12	15,000/-	30,000/-	

The report was noted.

16.3.25

To report : Consolidated salary of the following adhoc Class-III & Class-IV employees has been revised as per CVM approval vide letter No.6374 dated 28.01.2017:

Sr. No.	Name of staff member	Dept.	Existing salary	Approved Annual special allowance	Revised salary	With effect from
CLASS-III						
01	Mr.Gautam B Parekh Trainee Lab Asst.	Civil	10,000/-	1,500/-	11,500/-	January, 2017
02	Mr.Tejas B Yagnik Trainee Lib.Counter Attendant	Library				
03	Ms.Dharti U Patel Trainee Lib.Counter Attendant	Library				
04	Mr.Ganpat K Vaghela Trainee Fitter	Structural				
05	Mr. Ankit D Patel Trainee Clerk-cum-Typist	Office				
06	Ms.Rupal P Patel Trainee Clerk-cum-Typist	Office				
CLASS-IV						
01	Mr. Pravin R Prajapati	Civil	9,000/-	1,500/-	10,500/-	January, 2017
02	Mr. Raju S Talpada	Workshop				
03	Mr. Sahidmiya S Qureshi	Workshop				
04	Mr. Kanubhai P Katara	Library				
05	Mr. Jayesh R Vankar	Mechanical				
06	Mr. Mafat M Parmar	Structural				
07	Mr. Ketan M Makwana	Electronics				
08	Mr. Sanjay D Parmar	Electrical				
09	Mr. Nilesh B Rathod	Computer				
10	Mr. Ramanbhai P Makwana	Computer				
11	Mr. Nilesh M Parmar	Gen.				

12	Mr. Vijaykumar L Rathwa	Civil				
13	Mr. Rajesh H Rohit	Electronics				
14	Mr. Vijay K Makwana	Electrical				
15	Mr. Prakash D Harijan	Sweeper				
16	Mr. Shailesh D Nagar*	Library				

* His consolidated salary of Rs.3,500/- has been revised to Rs.10,500/-- w.e.f. 1.1.2017 as per the recommendation of the committee consists of (1) Dr. Indrajit Patel, Principal, (2)Dr. J.M.Rathod, Asso.Dean(Admn), and (3) Shri J.D.Patel, Librarian on 1.03.2017.

The report was noted.

16.3.26 To report : Mr. Vinay K Vankar, Trainee Hamal working in Electronics & Communication(SFI)Dept. has been transferred to Office (GIA) as approved by Hon.Chairman vide approval letter dated 13.01.2017. His salary is Rs.10,500/-

The report was noted.

16.3.27 Report of the Training Programs / Workshops / Expert Lectures organized by the college during **01.10.16 to 30.06.17**:

Sr. No	Topic	Coordinator(s) / Invited Expert	Dept.	Duration	Funding agency
1	STTP on GIS and its applications in civil engineering	Dr H.V.Patel, Prof. P.J.Shah	Civil	20.12.16to 24.12.16	TEQIP-II
2	STTP on Highway Safety Audit & EIA	Prof. C. B. Mishra & Prof. R.L. Patel	Civil	30.01.17to 04.02.17	TEQIP-II
3	Expert talk on Valuation of real estate –recent trends & issues	Prof P.J.Shah	Civil	04.02.17	TEQIP-II
4	Expert talk on Environment laws in India	Prof P.J.Shah Prof.R.L.Patel	Civil	07.02.17	TEQIP-II
5	STTP on GIS and its applications in civil engineering	Dr H.V.Patel, P.J.Shah	Civil	07.03.17to 21.03.17	TEQIP-II
6	STTP on Recent Trends in Pavement Design	Prof. C. B. Mishra	Civil	25.03.17to 30.03.17	TEQIP-II
7	Seminar on ART OF LIVING	Prof. A. A. Daiya, Prof. A. N. Bhatt	Electronics	01.10.16	-
8	Workshop On Interfacing with FPGA and IP core solution	Prof. C. S. Patel, Prof. A. N. Bhatt	Electronics	07.10.16	-
9	MSP430 Micro controller	Dr. D. M. Patel & Dr. M. S. Holia	Electronics	08.10.16	-
10	Expert talk on	Prof. A. A Daiya	Electronics	01.10.16	-

	Art of Living	Prof. A.N.Bhatt,			
11	Workshop Interfacing with FPGA and IP solution	Prof. C. S.Patel Anita Bhatt,	Electronics	07.10.16	-
12	Expert Talk "MSP430 Micro controller"	Dr. M. S. Holia Dr. D. M. Patel	Electronics	08.10.16	-
13	Industry Institute Interaction (III) Cell Activity	Dr. D. L. Vala Dr. K. D.Patel Prof. P.H.Panchal	Electronics	20.10.16	-
14	Workshop Raspberry Pi architecture and Programming	Prof. P.H.Panchal Dr. D. M. Patel	Electronics	15.10.16	-
15	Workshop Pneumatic & Electro-pneumatic	Dr. D. L. Vala, Prof. P H Panchal	Electronics	09.12.16	-
16	Skill development training Programme "Automation in Pneumatic and Electro - Pneumatic" (Rhino Machines Pvt.Ltd.)	Dr. D. L. Vala Prof. P H Panchal	Electronics	12.12.16 to 07.01.17	-
17	One week STTP on "Designing Embedded Systems and Internet of Things(IoT)"	Dr. D. M. Patel, Dr. J.M. Rathod Dr. T. D. Pawar	Electronics	26.12.16 to 31.03.17	-
18	Workshop on Prototyping Electronics with Microcontroller	Prof. P. H. Panchal Dr. D. M. Patel	Electronics	21.01.17	-
19	Workshop on SSK-2017	Prof. A.N.Bhatt	Electronics	16.02.17	-
20	International Conference on "Research and Innovations in Science, Engineering & Technology" ICRASET-2017	Dr. T. D. Pawar (Convener) Dr. M. S. Holia (Coordinator) Dr. J .M. Rathod (Organizing Secretary)	Electronics	17.02.17 to 19.02.17	-
21	DONA-2K17	Prof. A. N. Bhatt, Dr. M. S. Holia	Electronics	08.03.17	-
22	National Workshop on "Emerging Trends in Electromagnetics and its Applications"	Prof. P. H. Panchal , Prof. N. R. Ada, Dr. J.M. Rathod Dr. T. D. Pawar	Electronics	29.03.17 to 31.03.17	-
23	Workshop on Layout Design of Electronics circuits	Prof. P. H. Panchal , Dr. K. D. Patel	Electronics	18/03/2017	-
24	Workshop on Industry Institute Interaction (III) Cell Activity	Dr. D. L. Vala	Electronics	30/03/2017	-

25	Expert Talk on Industrial automation using PLC SCADA	Dr. K .D. Patel Prof. P. H. Panchal	Electronics	31/03/2017	-
26	Expert Talk from e-Infochips	Prof. P.H.Panchal	Electronics	27/03/2017	-
27	STTP on Design and Simulation Tools for Engineering and Research in EC and Networking	Dr K.D. Patel, Dr. D.M.Patel, Dr J.M.Rathod Dr. T. D. Pawar,	Electronics	12/06/2017 to 17/06/2017	-
28	Seminar on Career counselling and final year project guidance” by Vishal Kotdiya dated 8th July 2017	Dr. D L Vala	Electronics	8/07/ 2017	-
29	Seminar on “How to crack GATE and PSU exam” by GATEFORUM, V V Nagar Dated 15th July 2017	Dr. D L Vala	Electronics	15/07/2017	-
30	Seminar on “Embedded and IOT technologies” by Smart brains, Vadodara dated 22nd July 2017	Dr. D L Vala	Electronics	22/07/17	-
31	Workshop on LATEX under IE(I)	Prof. A.N.Bhatt Dr. T.D.Pawar	Electronics	29/07/2017	-
32	Workshop on SSK-2017-18 and Personality Development Workshop	Prof. A. N. Bhatt	Electronics	26/7/2017 and 30/7/2017	-
33	Raspberry-PI Architecture and Design	Dr. D. M. Patel, Prof. P.H. Panchal	Electronics	15.10.16	-
34	How to crake GATE / PSU in first attempt	Prof. K. D. Patel / Dr. J. M. Rathod	Electronics	18.10.16	-
35	HFSS-Antenna Design Software	Dr. D. L. Vala Dr. J M Rathod	Electronics	22.10.16	-
36	Approximation in exponential weight space of a modified Szasz-Mirakjan operators: Direct results & Graphical representations	R.B. Gandhi	Maths	02.10.16	TEQIP-II

37	ICRISET2017	T. A. Desai (Convener) M. E. Shimpi (Coordinator) R. B.Gandhi (Session Management)	Maths	17.02.17 to 19/02.17	TEQIP- II
38	Statistical Analysis for Scientific and Technical Research and Analysis (SASTRA2017)	T.A.Desai (Program Chair) R.B. Gandhi (Program convener) M. E. Shimpi A. N. Roghelia (Program Coordinator) S.D. Bhagat (Organizing Secretary)	Maths	06.03.17 to 11.03.17	TEQIP- II
39	Completeness of Lp- Spaces	R.B. Gandhi	Maths	12.03.17	TEQIP- II
40	Szasz-Mirakjan operators on exponential weight spaces 1.	R.B. Gandhi	Maths	13.03.17	TEQIP- II
41	Partial Differential Equations	R.B. Gandhi	Maths	25.03.17	TEQIP- II
42	Industrial Practices of Generator Protection, by Retired Prof. B. A. Oza, Ahmedabad	Dr. R. P. Mehta	Electrical	05.10.16	TEQIP- II
43	Recent Trends in Generator Protection	Prof. R. P. Mehta	Electrical	08.10.16	TEQIP- II
44	Emerging Technologies for Future of Power System Protection, By Dr. Mital Kanabar, Senior R & D Manager, GE Ltd., Canada	Dr. R. P. Mehta	Electrical	06.01.17	TEQIP- II
45	“Power System Protection in the Era of Smart Grid , Dr. Sukumar Brahma, NMSU, USA	Dr. R. P. Mehta, Track Coordinator, ICRISET, 2017	Electrical	18.02.17	TEQIP- II
46	Power Electronic Interfaces for Renewable Energy, Prof. B. G. Fernanades, Head, Dept. of EE, IIT, Bombay	Dr. R. P. Mehta, Track Coordinator, ICRISET, 2017	Electrical	18.02.17	TEQIP- II
47	Hands-on Training on PSCAD Software	Dr. R. P. Mehta	Electrical	17.03.17	TEQIP- II

	by Prof. Sumit Rathore, GCET				
48	One week STTP on "Geotechnical Advances for Infrastructural Development"	Dr. A. K. Verma Prof. A. N.Desai Prof. B. R. Dalwadi Dr. D. R. Bhatt Prof. V. A. Arekar Prof. V. V. Agrawal	Structure	02.01.17 to 07.01.17	TEQIP-II
49	Two day Workshop on "Research Advances in Earhquake Engineering"	Dr. A. K. Verma Prof. A. N.Desai Prof. B. R. Dalwadi Dr. D. R. Bhatt Dr. S. V. Mevada Prof. V. A. Arekar Prof. V. V. Agrawal Prof. S. B. Patel Prof. Elizabeth P. George Prof. V. B. Patel	Structure	20.03.17 to 21.03.17	TEQIP-II
50	STTP on "Research and Development in Solar energy applications"	H.A.Bhargav, B.S.Patel, P.G.Choksi	Mechanical	19.12.16 to 24. 12.16	-
51	Expert talk " Solar Refrigeration	H.A.Bhargav	Mechanical	22.12.16	TEQIP-II
52	Expert talk " Solar Cooling Technology	H.A.Bhargav	Mechanical	11.02.17	-
53	Introduction to Creo	A.M.Trivedi,J.R.Ko isha	Mechanical	07.03.17 to 31.03.17	-
54	Expert Lecture on recent trend in product development	U.B.Chaudhari	Mechanical	18.03.17	-
55	"Creo 4.0 License Training Program"	V.J.Patel, P.M.Agrawal	Mechanical	19.06.17 to 01.07.17	-
56	Expert talk on "Introduction to Oil & Gas Sector and Opportunities Available by Mr. Vasant Mistry"	H.A.Bhargav	Mechanical	04.08.17	-
57	Expert Lecture on Business Process Reengineering by Dr. Darshak Desai, GCET for BE Final year students	Prof. P D Chauhan	Production	07.10.16	-

58	Delivered Expert Lecture on Corrosion and Degradation of Metals	Prof. K D Bhatt	Production	12.10.16	-
59	E Poster Presentation for BE Final Year Project	Dr. A M Trivedi Prof. R S Barot Prof. A. H Jariya	Production	20.10.16	TEQIP II
60	Two Days Seminar on "Research Opportunities in Collaboration with Industries"	Prof.K D Bhatt	Production	24.10.16 to 25.10.16	-
61	Fusion 360	Prof K D Bhatt	Production	17-01-17 to 03-02-17	TEQIP II
62	Finishing school on "Fusion 360"	Prof. Purvi D. Chauhan	Production	17-01-17 to 03-02-17	TEQIP II
63	Machining Science Skill Development Programme	Prof K D Bhatt	Production	06.02.17 to 09/02/17	TEQIP II
64	Machining Science - Skill Development Programme (Coordinator)	R S Barot & Prof A H Jariya	Production	06.02.17 to 09/02/17	TEQIP II
65	Delivered Expert Lecture on Introduction to Auto CAD by Mr Nirav G Sharma, Krishna CAD Centre, V. V. Nagar	Prof. Purvi D. Chauhan	Production	11/02/17	TEQIP II
66	Delivered Expert Lecture on Fusion-360 by Mr Nirav G Sharma, Krishna CAD Centre, V. V. Nagar	Prof. Purvi D. Chauhan	Production	11/02/17	TEQIP II
67	Delivered Expert Lecture on Machine Tool Vibration by Prof. Akash Pandey, M S University, Baroda	Prof. J B Thakkar	Production	11/02/17	TEQIP II
68	International Conference on "Research and Innovations in Science, Engineering & Technology (ME/PETTrack Cocordinator)	Prof. R S Barot	Production	17.02.17 to 19.02.17	TEQIP II
69	Finishing school on "Fusion 360"	Prof. Purvi D. Chauhan	Production	07.03.17 to 21.03.17	TEQIP II
70	Delivered Expert Lecture on "ATV and Race Car	Dr. A M Trivedi	Production	15.03.17	TEQIP II

	Design” by Dr. Sudhir Gupte, ADIT				
71	Finishing school on “Fusion 360”	Prof. Purvi D. Chauhan	Production	15.03.17 to 31.03.17	TEQIP II
72	Finite Element Analysis	Dr A M Trivedi, Prof K D Bhatt	Production	25.03.17 to 31.03.17	TEQIP II
73	Delivered Expert Lecture on FEM in TEQIP-II sponsored STTP on “Finite Element Analysis”.	Dr. A M Trivedi	Production	29.03.17	TEQIP II
74	Women cancer awareness	Dr. T. A. Desai	Women Cell	07.10.16	
75	Women Cancer Awareness	Prof. P. H. Panchal	All girls students & women staff member	07.10.16	
76	Expert lecture on Network devices by Priyang Bhatt, GCET	Dr. N. M. Patel	Computer	10.10.16	TEQIP II
77	One Day Workshop on Experimenting with Sensors and Actuators. Speakers: Jignesh Patolia, CHARUSAT Ashutosh Bhatt, Einfochips	Prof. K.J.Sharma & Prof. M. I. Hasan	Computer	22.10.16	TEQIP II
78	1 Week TEQIP Sponsored STTP on Wireless Sensor Networks and Applications	Dr. Mayur Vegad & Dr. Uday Jaliya	Computer	19-12-16 to 24-12-16	TEQIP II
79	1 Day Workshop on 'Raspberry PI and Visual Programming	Prof. K.J.Sharma & Prof. M. I. Hasan	Computer	31-12-16	TEQIP II
80	One Day Workshop on 'IoT & Paython'	Dr. N. M.Patel & Prof. K.J.Sharma	Computer	07-01-17	TEQIP II

81	Campus Recruitment training Program for Computer Engineering Dept Students Faculty from well recognized institute T.I.M.E	Dr. N.M.Patel	Computer	21-01-17, 28-01-17, 11-02-17	TEQIP II
82	Lecture session on "Collaboration as the Mantra for Academic and Social Excellence"	Dr. N.M.Patel & Prof. S.A. Bakhru & Dr. Uday Jaliya	Computer	11.02.17	TEQIP II
83	One day workshop on 'Angular JS'	Dr. N.M Patel & Prof. Bhavesh Tanawala	Computer	11-02-2017	TEQIP II
84	E Presentation by FYBE CP students IOT- Vaishali Pandita Cloud Computing- Purven Dudhaiya	Guided by- Dr. N.M. Patel & Prof S. A. Bakharu	Computer	15.03.17 18.03.17	-
87	Expert talk on Skills required for employability in Small scale Industries	Dr. Mayur Vegad	Computer	18.03.17	TEQIP - II
88	Activity by FYBE-CP students Tips on Writing a Review (report) Paper.doc . Purven Dudhaiya	Guided by- Dr. N.M. Patel & Prof S. A. Bakharu	Computer	20-03-17	-
89	Workshop on GPU Architecture & Programming	Dr. N.M.Patel & Prof. M.J. Joshi	Computer	27-03-17	TEQIP - II
90	One Day Workshop on "Windows Server 2016 Installation and Configuration"	Prof. K. J. Sharma	Computer	01.04.17	-
91	Robotics and Control	Dr. D. M. Patel	Mechanical	21.11.16 to 26.11.16	
92	Delivered an expert on "Recent Developments in Civil Engineering", at Shantilal Shah Engineering College Bhavnagar	Dr. S.D.Dhiman	Civil	19.01.17	--
93	Rapporteur in a Technical session in	Dr. S.D.Dhiman	Civil	24.03.17 to 26.03.17	

	International Conference on Modeling of Environmental and Water Resources Systems, School of Engineering, Harcourt Butler Technical University, KANPUR				
94	Subject expert for online exam conducted for civil engineers by Gujarat Energy Transmission Corporation (GETCO) Vadodara,	Dr. S.D.Dhiman	Civil	9-6-2017	
95	Key note speech on “Research Topic in RF & Microwave Engineering” at ISTE approved and A D Publication sponsored International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management in Vadodara	Dr.J.M.Rathod	Electronics	23-12-2016.	
96	Delivered an Expert talk on Microwave Technologies, 30/12/2016 in TEQIP-II Sponsored Two Week STTP on Recent Trends in Engineering & Technology and its impact on Academic reforms at Block No' 2' EC Department' GEC' Gandhinagar.	Dr.J.M.Rathod	Electronics	19.12.16to 30.12.16	
97	TEQIP sponsored Expert Lecture on Latest Electromagnetics and Microwave Application and their impacts on human life: Basics and Application at EC Department, GEC- Bhavnagar.	Dr.J.M.Rathod	Electronics	30.01.17	
98	TEQIP sponsored Expert lecture on Latest Electromagnetics and Microwave Application	Dr.J.M.Rathod	Electronics	30.01.17	

	and their impacts on human life: Radiation and its effects at EC Department, GEC-Bhavnagar.				
99	TEQIP-II sponsored three Days National Workshop on Emerging Trends in Electromagnetic and its Applications and talk delivered on Research Topics on Applied electromagnetics at Electronics Engineering-BVM Engineering College.	Dr.J.M.Rathod	Electronics	31.03.2017	
100	IE (I) Sponsored and ISTE Approved One Week STTP on “Design and Simulation Tools for Education and Research in Electronics Communication and Networking” June 12-17, 2017.Delivered talk in event about Network Analyzer Basics and Applications.	Dr.J.M.Rathod	Electronics	15.07.17	

The report was noted.

16.3.28 For information: Study Tours (Technical) for students arranged by the college during **01.10.16 to 30.06.17** :

Sr. No	Date	Place of visit	Dept.
1	07.10.16	Sabarmati riverfront project, Ahmedabad	Structural
2	07.10.16	Ahmedabad-Gandhinagar metro rail project	Structural
3	07.10.16	New Multistorey helipad building V.S.Hospital, Ahmedabad	Structural
4	05.01.17	Ahmedabad- Gandhinagar Metro rail Project, Ahmedabad	Structural
5	05.01.17	Construction of Helipad building, V. S. Hospital Ahmedabad	Structural
6	23.01.17	Sports Complex Building, SMC, Surat	Structural
7	10.02.17	RMC Plant, Aditya Birla Cement, Vadodara	Structural
8	11.02.17	RMC Plant, Aditya Birla Cement, Vadodara	Structural
9	04.03.17	Natraj Prestress Concrete Factory ,GIDC, V. V. Nagar	Structural
10	09.10.16	Switch Global Expo, Vadodara	Electronics

11	13.10.16	BSNL, Ahmedabad	
12	17.03.17	RTTC,BSNL and VSSE,ISRO, Adhmedabad	
13	27.03.17	e.Infochips, Ahmedabad	
14	09.08.16	Amul Dairy Anand	
15	06.09.16	AMTECH Electronics (India)-Gandhinagar	
16	07.10.16	Visit to 'SWITCH' Expo. At Vadodara. With Third & Final year students and faculty members B R Parekh, A A Pandya, J C Baria, G K Sharma, Swapnil Arya, Dipan Parikh	
17	23.11.16	Wanakbori Thermal Power Station, with Second Year EE Students & J C Baria and Y R Prajapati	Electrical
18	03.03.17 to 05.03.17	Industrial Visit cum Student WORKSHOP on "PLC, SCDA AND Protection" for Final Year B.E.Electrical Students, at Hi-Mak Ltd., Vadodara	
19	10.03.17 to 12.03.17	Industrial Visit cum Student WORKSHOP on "PLC, SCDA AND Protection" for Final Year B.E.Electrical Students, at Hi-Mak Ltd., Vadodara	
20	01.04.17	Karamsad 220 KV substation for T.Y.B.E. Electrical	
21	01.04.17	Field trip to Khadana Village and Petlad Substation alongwith Final Year B.E.(Electrical) students.	
22	21.10.16	"Historical place Shaniwar Wada Fort", Pune	Civil
23	24.10.16	"Lavasa Smart City", Pune	Civil
24	25.10.16	"Kamshet Tunnel", Pune	Civil
25	12.01.17	"Vibrant Gujarat Global Trade Show" at Mahatma Mandir, Ahmedabad	Civil
26	10.02.17& 11.02.17	RMC plant of Ultratech, Vadodara	Civil
27	28.03.17	Sardar Sarovar Dam Kevadia Colony	Civil
28	07.10.16	Zydus Hospital Visit	Electronics
29	09.10.16	Switch Global Expo by GETCO	
30	13.10.16	RTTC, BSNL, and VSSE, ISRO Ahmedabad	
31	12.01.17	Vibrant' 2017 visit	
32	16.02.17	SPRERI	
33	17.03.17	RTTC, BSNL, and VSSE, ISRO Ahmedabad	
34	27.03.17	e- Enfochip, Ahmedabad	
35	11.02.17	Indo German Tool Room, Vatva, Ahmedabad	Production
36	25.03.17	Green Surgicals Pvt. Ltd.	Production
37	15.04.17	Elecon Engineering. Company Ltd. MHE Division	Production
38	24.11.16	BSNL and ISRO	Computer
39	12.01.17	Vibrant Gujarat Visit 2017	Computer
40	March 2017	Rhino Machines Ltd.	Mechanical
41	16.02.17	Open House – SPRERI	Mechanical
42	30.03.17 & 31.03.17	Dept. of Material Science , S. P. University	Mechanical

The report was noted.

16.3.29 For information: UG Admissions for the Academic Year 2017-18(GIA) :

Sr.	Branch	Intake		Reported (ACPC)	TFWS	GN	Total	D2D	DTOD TFWS	D2D Total
		ACPC	D2D							
1	Civil	120	24	120	6	6	132	37	1	38
2	Comp	60	12	61	3	5	69	22	1	23
3	Elect.	60	12	59	3	4	66	16	0	16
4	Electro	75	15	76	3	0	79	29	0	29
5	Mech.	90	18	90	5	6	101	28	1	29
6	Prod.	30	6	30	1	0	31	15	1	16
	Total	435	87	436	21	21	478	147	4	151
7	PDDC (Mech)	30	00	20	00	00	00	00	00	00

Total **06** International students have taken admission under ICCR, GTU (**04** PG and **02** UG).

The report was noted.

16.3.30 For Information: The results of Summer 2017 examination of Autonomous and Gujarat Technological University held in May, 2017.

Result UG [GIA]

No	Discipline (007)	Result in Percentage (%)					
		2nd Sem.	4 th sem.	6 th Sem.		8 th Sem.	
		Auto nom ous	Auto nom ous	GTU	BVM	GTU	BVM
1	Civil	88.43	76.83	67.27	89.33	90.28	96.58
2	Computer	80.95	91.67	81.19	89.19	95.80	100
3	Electrical	80.65	93.67	68.65	94.87	92.83	95.95
4	Electronics	74.63	75.29	83.15	92.31	97.14	97.47
5	Mechanical	91.20	85.03	65.26	92.24	95.01	97.14
6	Production	68.00	58.33	82.01	89.74	96.55	100

Result UG PDDC [GIA]

		2nd Sem.	4 th Sem.	6 th Sem.		8 th Sem.	
		Autonomous	Autonomous	GTU	BVM	GTU	BVM
7	PDDC Mechanical	13.63	70	46.08	50	90.79	100

The report was noted.

16.3.31 For information : Placement of BVM students - Academic Year 2016-17 :

Sr No	Company Name	CE	CP	EE	EL	ME	PE	TOTAL
1	L & T Power	X	x	1	x	2	0	3
2	TCS	0	17	3	17	1	3	41
3	Creast Data Sys.	x	4	x	x	x	x	4
4	EVOSYS	x	1	x	x	x	x	1
5	Aurgusoft	x	2	x	x	x	x	2
6	Capgemini	x	9	x	4	x	x	13
7	e infochip	x	0	x	2	x	x	2
8	Elecon	x	x	x	x	2	0	2
9	Zesus	x	1	x	x	x	x	1
10	Maxim Integrated	x	0	x	1	x	x	1
11	Infostreach	x	0	x	x	x	x	0
12	Kothari Infotech	x	0	x	x	x	x	0
13	Windowmaker	x	0	x	x	x	x	0
14	ATOS	x	2	x	x	x	x	2
15	L & T -ECC	1	x	2	x	x	x	3
16	Scheaffler (FAG)	x	x	x	x	3	0	3
17	L & T Infotech	x	1	x	2	x	x	3
18	Proseon Tech.	x	0	x	0	x	x	0
19	Cybag	x	0	x	x	x	x	x
20	Tatva Soft	x	0	x	x	x	x	0
21	Sofosh	x	0	x	x	x	x	0
22	Radix Web.	x	0	x	x	x	x	0
23	Rishubh	x	0	x	x	x	x	0
24	Torrent Power	x	x	13	x	x	x	13
25	TBEA	0	x	1	x	2	x	3
26	SHV Energy	x	x	0	x	2	x	2
27	Sanmar	x	x	0	0	1	0	1
28	Matrix.Com. Sec	x	0	x	3	x	x	3
29	GSFC	x	x	x	x	6	x	6
30	GNFC	0	0	2	0	3	0	5
31	Peacock S/W.	x	1	x	x	x	x	1
32	Jakson Viz.	x	0	x	x	x	x	0
33	Adani Power	x	0	0	0	2	0	2
34	JSPL	x	0	0	0	0	0	0
35	RKC Infra. Pvt.	4	x	x	x	x	x	4
36	Collabera	x	0	0	1	0	0	1

37	Adani Gas	x	x	x	x	1	x	1
38	Linde	x	x	x	x	1	x	1
39	Alpha9 Marin	10	3	0	4	8	1	26
40	Rang Tech.	x	0	x	x	x	x	0
41	Geo Test.	3	x	x	x	x	x	3
42	Dhorajia Proj.	11	x	x	x	x	x	11
43	Coromandal Int.	x	x	1	x	1	x	2
44	Collabera	0	0	0	1	0	0	1
45	Patel Infra.	8	x	x	x	x	x	8
46	Vyom Consult.	1	x	x	x	x	x	1
47	MKC Infra. Pvt.	8	x	x	x	x	x	8
48	Intech-Sys.	x	x	x	x	1	2	3
49	Purnima buil.	5	x	x	x	x	x	5
50	VVDN	x	x	x	2	x	x	2
51	Shriram Tranp.	0	0	1	1	0	0	2
52	CGPIT, Bardoli	0	0	0	x	x	x	0
53	Sadbhav Engg.	4	x	x	x	x	x	4
54	Omy Tech.	x	1	x	x	x	x	1
55	Full Stack Tech.	x	1	x	x	x	x	1
56	Bonfills	x	1	x	x	x	x	1
57	Safari Ind.	x	x	x	x	2	1	3
58	Advance Health	X	0	x	x	x	x	0
59	Meditabs	x	1	x	x	x	x	1
60	FlyDocs	x	1	x	x	x	x	1
	TOTAL	55	46	24	38	38	7	208

16.3.32 For Information

1. Vice Presidents of BVM Central Committee are Prof.B S Patel, Asso.Professor, Mechanical Dept. and Dr.B.C.Goradiya,Head, EC Dept.
2. General Secretary : Mr.Jatan Jagrut Patel
3. Lady Representative : Ms.Megha Nileshbhai Patel
4. Recruitment Process and Efforts

Sr.No.	Letter to DTE,Gandhinagar for recruitment process	Teaching/Non-Teaching
1	F/Class 3/4//Recruitment/832 dated 9/8/2017	Non-Teaching, Class-III-22 and Class-IV-24
2	F/Promotion/Class-1/Education Approval/870 dated 18/8/2017	Teaching, Permission letter for interview date of TOI advertisement 16/11/2016 for the Associate Professor : 10
3	F/Promotion/Class-1/Education Approval/871 dated 18/8/2017	Associate Professor : 08

4	F/Direct selection/Class-2/Education Approval/872 dated 18/8/2017	Teaching, Assistant Professor Total:06
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6. DETAILS OF RESEARCH AND DEVELOPMENT PROJECTS SUBMITTED TO VARIOUS FUNDING AGENCIES

Sr. No	Name of PI & Co-PI	Project Title	Name of Funding Agency	Amount Received / Proposed & Date
COMPUTER ENGG. DEPT.				
1	Hemant Vasava & Dr. J M Rathod	An Impact of Shared Memory design on Multiprocessor System and Performance Improvement using DSM software based Approach	GUJCOST	7.00 Lakhs
2	U K Jaliya & Dr. J M Rathod	Expression and Illumination Invariant Preprocessing techniques for Human Face Recognition	GUJCOST	6.95 Lakhs
3	Prof. M. I. Hasan Prof. K. J. Sharma	Hybrid Harvesting (Wind-Solar) IoT-System for Real Time Quality Monitoring and Data Analytics for River Waters	DST & Foreign Partner University of Rochester, USA	508 Lakhs
4	Prof. S. A. Bakhru	An Integrated Fiber-Cell-WiFi Architecture for 4G/5G Fixed-Mobile Convergence	RPS, AICTE	4 lakhs
5	Dr. D. G. Thakore	Advanced Programming Laboratory	MODROB, AICTE	19.42 Lakhs
6	Dr D G thakore Dr N M Patel Dr U K Jaliya	STTP on Recent Trends in image and video processing	GTU	1.1 Lakhs
ELECTRONICS ENGG. DEPT.				
1	Dr.J.M.Rathod Mr.M.M.Solanki	Modernization of RF & Wireless communication	AICTE	June-2013
2	Mr.M.M.Solanki Dr.J.M.Rathod	Design and analysis of wireless communication system for improvement in system parameters using adaptive MIMO-OFDM	GUJCOST	July-2014 (Granted for Rs-4.85 Lacs)
3	Prof. K.D. Patel, Dr. J. M Rathod	Design and Analysis of Adaptive Algorithm on Transport Layer for Wireless Networks	GUJCOST	9,28.905

4	Dr. D. M. Patel, Dr. M. S. Holia	Design and Analysis of IOT Based Remote Patient Health Monitoring	GUJCOST	10,00,000.00
5	Dr. T. D. Pawar, Dr. D. M. Patel	Multi-Parameter Smart Portable Health Care System	GUJCOST	7,00,000
6	Prof. H.D. Vasava, Dr. J. M. Rathod	Distributed Shared Memory design on multiprocessor system and Performance Improvement using DSM software based approach	GUJCOST	7,00,000
7	Dr. J. M. Rathod, Prof. U. K. Jalia,	Expression and Illumination Invariant Preprocessing Techniques for Human Face Recognition	GUJCOST	4,80,000
8	Dr. J. M. Rathod, Prof. A. B. Bambhaniya,	Designs of Precision Agricultural Monitoring System Based On Wireless System	GUJCOST	9,55,000
9	Dr. J. M. Rathod Prof. Rajveer Rana	Performance Analysis of an Adaptive Modulation and Optimal Power Allocation Technique for V-BLAST Based High Speed MIMO OFDM System	GUJCOST	10,00,000
10	Mehul Thakkar Dr P R Prajapati Dr.J.M.Rathod.	Performance improvement of tunable RF /Microwave Filters” ,		10,00,000
11	Dr. M. S. Holia Prof. Z.H.Shah	Design and Analysis of Ophthalmic Imaging System for Early Detection of Eye Disease	GUJCOST	10,00,000/-
12	Dr. M.S.Holia	Content Based Video Indexing And Retrieval	NVIDIA	June-17 (Granted and Received GPU of 1,25,000=00)
13	Dr. T. A. Desai & Dr. M. S. Holia	International conference on women in science and technology: Creating Sustainable Career	GUJCOST	Granted and Received 50,000/-
14	Dr I N Patel	Parametric study on performance of Bascillus pesturii on high volumns fly ash concrete for generation of crack free green concrete	GUJCOST	20,5000

15	Dr D A Sinha Dr. A. K. Verma	An Experimental on behavior of Steel Fiber Reinforced Ternary Blended High Strength Concrete Subjected to Sustained Elevated Temperature	GUJCOST	766500
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7. Details of MODROB proposals submitted

Sr. No	Project Title	Principal Investigator	Department	Scheme	Funding Agency	Amount	Remarks
1	1 extra mural research funding(individual centric) project on Eco Smart Concrete : Hypo Sludge Concrete incorporated with Bacillus Pesteuril	Dr. Indrajit N Patel	Structural	MRP	SERB, New Delhi	21,61,000.00	
2	Parametric Study on Performance of Bacillus Pesteurii on different type of concrete incorporating supplementary cementitious Materials	Dr. Indrajit N Patel	Structural	MRP	SERB, New Delhi	36,02,000.00	
3	Parametric Study on Performance of Nano Carbon Tubes for developing concrete of next generation	Dr. Indrajit N Patel Co-Investigator	Structural	MRP	GUJCOST	9,25,000.00	
4	Modernization of Concrete Technology Laboratory	Dr. Indrajit N Patel	Structural	MODROB	AICTE	15,79,500.00	
5	Upgradation of Computer Aided Design and analysis Laboratory	Dr. P.M.George	Mechanical	MODROB	AICTE	17,25,000.00	

6	Removal of Obsolescence in Dynamic of Machinery Laboratory	Dr. P.M.George	Mechanical	MODROB	AICTE	19,70,000.00	
7	Seawater Vulnerability Mapping of Coastal Aquifers using Galdit Model	Dr. S.D.Dhiman	Civil	MODROB	AICTE	18,35,000.00	
8	Modernization of Real Time Computational Laboratory for Electrical System	Dr. B.R.Parekh	Electrical	MODROB	AICTE	11,25,000.00	
9	Modernization of Advanced Communication Lab.	Dr.J.M.Rathod Prof.M.M. Solanki Dr. T.D.Pawar.	Electronics	MODROB	AICTE	20,00,000.00	
10	Development of Signal and Image Processing Lab.	Dr. T.D.Pawar Dr. M.S.Holia	Electronics	MODROB	AICTE	18,80,000.00	
11	Design and Evaluation of Transport Layer Protocol : TCP for optimization in Satellite Links	Prof. K.D.Patel Dr. J.M.Rathod	Electronics	RPS	AICTE	19,57,000.00	
12	Modernization of Advanced Programming Lab.	Dr. D.G.Thakore	Computer	MODROB	GUJCOST	19,22,000.00	
13	An Integrated Fiber Cell-WIFI Architecture for 4G/5G Fixed Mobile Convergence	Prof. S.A.Bakhru	Computer	RPS	AICTE	4,00,000.00	Under processes
14	Knowledge Based Laboratory	Dr. T.A.Desai	Mathematics	MODROB	AICTE	10,45,000.00	
15	International Conference on Research and Innovation in	Dr. Indrajit N Patel Dr. J.M.Rathod	Structural	MODROB	AICTE	5,00,000.00	

	Science, Engineering & Technology, 2017						
16	Modernization of IoT and Artificial Intelligence Laboratory	Prof.Zankhana Shah	IT	MODROB	AICTE	19,68,000.00	
17	Open Source Techniques and Applications	Prof. Krupali Shah	IT	FDP	AICTE	4,16,000.00	
18	Cyber Security and Ethical Hacking	Prof.Keyur Brahmhatt	IT	Seminar	AICTE	80,000.00	
19	Modernization of Computer Network and Operating System Lab.	Prof. Zankhana Shah	IT	MODROB	AICTE	13,91,000.00	
20	Design of Analysis of Ophthalmic Imaging System for Early Detection of Eye Disease	Prof. Zankhana Shah	IT	MRP	AICTE	1,75,000.00	

The reports were noted.

16.3.33 Special achievements:

1. BVM Engineering College is ranked in Top 200 institutions in Engineering discipline under NIRF(National Institute Ranking Framework) 2017 declared by MHRD. Nodal Officer Dr. B.C.Goradiya, Head, EC Dept.
2. BVM Engineering College is ranked 6th in Gujarat (after IIT,NIT & other deemed universities) in Engineering discipline under NIRF(National Institute Ranking Framework) 2017 declared by MHRD.
3. BVM Engineering College has done MoU with Open Fuel (under InvestIndia,Start-up India Hub, New Delhi) to promote various activities related to start-ups. Start-up India Yatra event was hosted by BVM Engineering College.

The report was noted and congratulated BVM family for their contribution.

16.3.34 **REPORT OF BVM ALUMNI ASSOCIATION**

The BVM Alumni Association, the most vibrant and active association of Gujarat state has raised the membership this year to 9538, a mark close to 10,000 - an achievement in itself. The alumni activities for these members involves supporting guest lectures, disbursing student scholarship, organizing and supporting

conferences, facilitating short term training programs, conducting Fresher's Welcome and giving Farewell to the outgoing students. The strong efforts were made for organizing Alumni Reunion – 2017 in India and for reuniting alumni overseas through Reunion USA and Canada at Vraj Temple, Pennsylvania.

BVM Endowment Fund and Resource Support for Scholarship:

The BVM Endowment Fund was instituted to generate a corpus fund of 20 crore and it has received an overwhelming response. The BVM Endowment Fund has touched to the new heights and about 3.82 crore has been raised. In this year the resource support by the Shankarbhai D Patel, Chetan Engineers, Piyush K Kothari, Prafulchandra C Lakhani, Avadhoot Const. Co., V K Ravani, Praful Motilal Jobanpura, Bhupendrakumar Halani, Harendra P Shukla, Ramanlal D Patel, Smt. Motiben Laxmanbhai Jerambhai Che. Foundation, Hi Tech Investment Ltd., Pravina K Patel, Aahlaad Software Pvt. Ltd., Mehta Engg. & Co., Viranchibhai S Sheth, Vasantbhai S Patel, Ranjit Foundation, Ashish Construction Co., Camy Plants, Ashok S Patel, Maheshbhai R Bhatt, Surendra K Desai, Metal Treat, Piyush Patel, Gautam Dinubhai Patel, Rajendra Mehta and one and all needs a very special acknowledgement.

Furthermore, the resource support of 2.03 lacks was extended by nine BVM Alumni members the details of the same is submitted in BVM Alumni annual report. We acknowledge the support extended by Shri. Rashmikant M. Dekhtawala, Shri. R O Parikh, Shri. Suresh Jalundhwala, Shri Girishbhai M. Patel, Shri. G L Keswani, Shri Bipinchandra P Shah, Dr. C P Shah and other well-wishers for raising the funds for scholarships, Infrastructure Development.

Expert talks

The guest lecturers and short term training programs sponsored by BVM Alumni Association in the ten departments of our college had received a far greater attention as eight expert lectures were organized during Oct 1, 2016 to June 30, 2017. The six short term training programs conducted by civil, computer, electrical, electronics, information technology, mechanical and structural engineering department were given resource support during the year for an amount from Oct 1, 2016 to June 30, 2017.

Department	Expert Lecture Conducted	Expert Lecture Expenses	Project Support	STTP Conducted	STTP Expenses
Mechanical	-	-	35,020/-	-	-
Civil	-	-	6,500/-	2	6,870/-
Structure	-	-	-	1	6,240/-
Electrical	-	-	4,500/-	1	4,386/-
Production	3	2059/-	18,000/-	1	6,849/-
Computer	1	1500/-	19,330/-	1	2,270/-
Information Technology	4	8177/-	19,723/-	-	-
Electronics & Communication	-	-	13,505/-	-	-
Electronics	-	-	12,500/-	-	4,386/-

Supporting Student's Project:

The BVM Alumni Association also supported Project Expo - 2017 on March 30, 2017, held at our college and the three best team projects in every branch were given awards instituted by our BVM Alumni Association. The student winning groups had an opportunity to work in a team and we hope these teams would someday contribute greatly to our "Make in India" mission.

Fresher's Function

The students of 2016 batch were given a warm welcome on November 25, 2016, and our distinguished alumnus Er. Shankarbhai D. Patel M.D, Rajkamal Builders Infrastructure Pvt. Ltd. gave our students a true insight of the professional journey he walked all these years. Dr Indrajit Patel in his remarks emphasized on the ethos of the college and gave a very warm welcome to the students. About 520 plus students enjoyed the cultural program and showcased their talent show organized by Dr Amit Trivedi, Dr. Deepak Vyas that included personality contest, skits, mimes, solo & group dance, and solo & group singing.

Farewell Function

The outgoing students of the 2017 batch were given a farewell on April 13, 2017. Er. B M Vyas, Managing Director - Gujarat Milk Marketing Federation, AMUL and a 1971 BVM Alumnus of Mechanical Engineering Branch, was the Chief Guest of the function. Dr Indrajit Patel in his Presidential remarks requested the students to promote class reunions for constant connectivity. About 460 students attended the function and they shared their experience. It was an emotional moment for the student as they parted from the college.

Class Reunion – India

The idea to have BVM Reunion – 2017 was initiated by Er Pravin Pansuria, Er Gautam Patel, Dr C S Shah along with the 1977 batch BVMites from Ahmedabad. This idea moved further and it was decided to extend the reunion of alumni from 1975 to 1981 batch and finally everyone thought to include one and all. Two dates namely January 7-8, 2017 became the milestone in the history of our college as 480 BVMites along with 200 spouses from all over the world (USA, UK, Canada, Australia, India) attended this meet.

The inaugural function on January 7, 2017 had an august presence of Dr. C L Patel, Chairman, Charutar Vidya Mandal Er. Surendra Patel, Dr. M N Patel, Er. Lalsinh Vadodia, Er. Kishor Virani, Er. Vikrambhai Patel, Mrs. Vinodiniben B Patel and Dr. Indrajit Patel. This function was followed by "Guru Vandana" program wherein 41 teaching and non-teaching staff were honored and this program was conducted by Er Kirit Khetani. On January 8, 2017 BVM Reunion Rally was flagged off by Anand, Dist-Collector Dr. Dhaval Patel. All the BVMites with spouses along with students of BVM college payed deep respect to creators of Vallabh Vidyanagar by garlanding

the Idol of Shri Brahmaji & statues of Shri Sardar Patel, Shri Bhaikaka, Shri Bhikhabhai & Dr H M Patel.

During these two days all BVMites interacted with their batch students & shared the memories of the golden days by visiting classes, laboratories, workshop where they learned first lessons of engineering.

The whole program was coordinated by core committee members of different centers namely Mumbai, Surat, Vadodara, Ahmedabad and Saurashtra. The BVM Alumni Association extends special thanks to Er. Vinodbhai Panchasara, Er. Prafulbhai Jobanputra, Er. Ravi Nayar & others for their untiring efforts.

The Convener Er. R K Nayar, Co-Convener Er. Ravindra Khetani, Er. Praful Jobanputra, Er. Chiman Makwana, Er. Indrapal Panjabi & Er. Nitin Patel, Joint Convener Er. Pradeep Mehta, Er. Kunverji Nayani, Er. Pankaj M Patel, Er. Nitin R Patel, Er. Vasudev Pandya, Er. Sunil Gandhi, Er. Sudhir Lamba & Er. Jogesh Mehta, the wordiness USA Team of Er. Gauram Patel, Er. Bhanu Patel, Er. Vijay Faldu, Er. Vinod Thanki & Er. Bharat Patel, the volunteering team comprising of Er Rajesh Seth, Er Navin Dalwadi, Er Suresh Singh, Er M A Barot, Rajnikant Patel & Er Haresh Changrani, finance coordinators Er. Ashok Jethva and Er Harihar Dave along with advisory committee of Dr. Indrajit Patel, Er. Pradeep Patel, Dr. Deepak Vyas & Dr. Amit Trivedi worked as one team to make this event exciting and memorable. The alumni reunion resulted in raising fund of Rs. 1,19,48,000/- and has set a target to achieve 1.25 crore. The lecture on the topic “Sangathe Sukh Sodhiye” by trio of Shri Tushar Shukla, Mrs Kaajal Oza Vaidya & Mr Jay Vasavda was an experience in itself followed by the technical presentation on 3D Printing by Thiridinrev. The spouse of alumni enjoyed the studio visit at Flo-Art organized by Mrs Kalpana Amin and a cooking recipe program organized by NESTLE. The fun filled night of Musical Tambola by Mr Sandeep Panchwatkar filled in everyone a different cultural mood. The event was concluded in presence of Shri Bharatsinh Solanki (President – GPCC, Ex- Railway Minister Government of Gujarat) and Er. Jayprakash Patel. About 37 life members were added in this reunion. The BVM team comprising of Dr. F.S.Umrigar, Dr Indrajit Patel, Dr Deepak Vyas, all the Heads of the Department, teaching and non-teaching staff of BVM and CVM whole heartedly worked as one team to make this event a great success.

Class Reunion

The Reunion USA and Canada at Vraj Temple, Pennsylvania on July 8-9, 2017 was a roaring success as it was attended by 167 participants from USA and Canada and 12 participants from India of which 106 were engineers from USA/ Canada and six engineers were from India to promote and organize this event. The committee from USA included Dr Indrajit Patel, Er Ketan Patel, Shilpa Gandhi, Deepak Shah, Gautam Patel, Karsan Limbasia, Rohit Patel, Jayant Khetani, Bharat Patel coordinated with Praful Jobanputra, Ravi Nyar, Vinod Panchasra, Tusharbindu Desai, Nitin R Patel, Vasudev Pandya and Kirit Khetani. The dais was honoured by Ex- Professor Mr UDAY Deopurkar, Mrs Sudhmitaben Amin, Shail Chokhavatia, Hemendra Jani and Malay Khetani. To make the event jovial games were planned on July 9, 2017.

The report was noted.

16.3.35 AGENDA for TEQIP-II PROJECT

To take note of followings:

- As per the World Bank instructions received through NPIU, the Project closure was on 31st March, 2017 and grace period of 4 months was from 1st April, 2017 to 31st July, 2017 for the closure activities.
- The guidance & contribution of the Management, NPIU, SPFU, Mentor, Performance & Data auditors and execution by TEQIP - II core committee members, package officers, all teaching, non-teaching members & students of BVM and TEQIP office staff for successful completion of the Project.
- Half yearly Internal audit report for the period April 2016 to September 2016 **(Encl. VII)**
- Half yearly Internal Audit report for the period October 2016 to March 2017 **(Encl. VIII)**
- Statutory Audit Report for the Financial Year 2016-2017. **(Encl. IX)**
- The procurement activities including payment were completed well in time before the deadline given by SPFU. The internal auditors (during the period of audit for October 2016 to March 2017) appreciated the timely utilization of funds though very less time was available (deadline 31-03-2017) after the receipt of last instalment (on 27-03-2017).
- NBA accreditation process: Applied for 4 UG GIA programs (Electrical Engg., Electronics Engg., and Mechanical Engg. & Civil Engg.). Presently, uploading of SAR on eNBA portal is going on.
- BVM met all performance indicators in 3rd, 4th and 5th JRMs and later complied all performance indicators of 6th JRM in addition to compliance of other parameters, the NPIU asked BVM to provide necessary details for considering the institute for grant under TEQIP – III project. The response is awaited. Subsequently, BVM has paid fees for NBA accreditation of 4 UG programs for 2nd round of NBA accreditation during Project period and communicated the same to NPIU on email Dated 29-03-2017.
- Funds parked at various Institutes as per Letter No. CTE/SPFUGUJ/ACAD/25176 dated 30-10-2013.

Institute Name	Initial Parked Amount in October 2013 (Rs.)	Additional paid Amount during the project (Rs.)	Utilized Amount as per Utilization Certificate provided (Rs.)	Unspent amount Receivable by BVM (Rs.)	Unspent amount Received back by BVM (Rs.)
Knowledge Consortium of Gujarat (KCG), Gandhinagar	74,99,000	0	19,20,803	55,78,197	Nil *
Indian Institute Of Technology (IIT- Gandhinagar)	28,57,000	5,11,503	33,68,503	0	10,480 (in August 2017 because of adjustment made by IITG)
Institute for Plasma Research (IPR), Bhat, Gandhinagar	28,57,000	32,690	28,89,690	0	0
IIM-Ahmedabad	2,14,000	0	2,14,000	0	0

*We have communicated to KCG for returning the outstanding amount with them through email dated 25-07-2017 & Letter No. F/144/781 dated 29-07-2017.

Following activities were organized for faculty members:

- Mechanical Engineering department to organized one week STTP on “Robotics and Control” during 21st to 26th November, 2016.
- Mechanical Engineering Department organized one week STTP on “Research& Development in Solar Energy Applications” during 19th to 24th December, 2016.
- Electronics Engineering Department organized one week STTP on "Designing Embedded Systems and Internet of Things (IoT) “during 26th to 30th December, 2016.
- Computer Engineering Department organized one week STTP on "Wireless Sensor Networks and Applications” during 19th to 24th December, 2016.
- Electrical Engineering Department organized two Week STTP on" Advances in Energy Management during “ 26th to 7th January, 2017.
- BVM organized International Conference on Research and Innovations in Science, Engineering & Technology ICRSET-2017 during 17th to 19th February, 2017.
- Structural Engineering Department organized one week STTP on "Geotechnical Advances for Infrastructure Development” During 2nd to 7th January, 2017.
- Civil Engineering Department organized one week STTP on “"Highway Safety Audit and EIA" during 30th January 2017 to 4th February, 2017.
- Civil Engineering Department organized one week STTP on "Recent Trends in Pavement Design" during 6th March 2017 to 11th march 2017.
- Civil Engineering Department and Maths Department organized STTP on" Statistical Analysis in Scientific and Technical Research” (SASTR-2017) during 06th March 2017 to 11th March 2017.
- Production Engineering Department organized STTP on "Finite Element Analysis" during 25th March 2017 to 31st March 2017.
- Electronics Department organized national workshop on "Research Trends in Engineering & Technology" 29th March 2017 to 31st March 2017.
- Structural Engineering Department organized national workshop on "Recent Advances in Earthquake Engineering" during 20th March 2017 to 21st March 2017.
- BVM organized International Faculty Development Program for BVM Faculty on 16th to 17th January 2017 and 30th January 2017 to 31st January, 2017 at BVM auditorium.
- BVM organized “Industry Institute Meet-2017”on 30th March 2017.

Following activities were organized for Students

- Industrial Visit cum training of 2nd Level Computer Engineering Students to regional Telecom training centre BSNL, Ahmedabad & ISRO on 24th November, 2016.
- Electronics Engineering Department organized finishing school for 3rd level Electronics engineering Students on “PLC training” from 12th December 2016 to 7th January 2017.
- To organize supplementary Lecture on “Geographic Information System and its applications” at Civil Engineering Department on during 20th to 24th December, 2016.
- Electrical Engineering Department arranged finishing school on “Industrial Automation & Control” for Electrical Students during 02nd to 06th January, 2017 & 24th to 28th January, 2017.
- Civil department arranged visit to Water Supply Department, GoG at Gandhinagar for attending 8th Global Summit, National Seminar on Sustainability of Water Resources for Inclusive Growth As a part of Vibrant Gujarat-2017 for civil engineering students on 02nd January 2017.
- Civil engineering department arranged supplementary classes on "Valuation In real estate recent trends and issues" for 4th Year Civil Students on 28th January 2017.
- Mechanical Engineering Department arranged finishing school on "CREO - BASICS" for Third Year Mechanical Engineering Student during 04th January2017 TO 24th January 2017.
- Civil engineering Department arranged supplementary classes on "Application of 3DSMAX and Revit in Civil Engineering" for 2nd and 3rd level Civil Students on 04th February 2017 and 11th February 2017.

- Production engineering department arranged finishing school on "FUSION 360" for 3rd level Production Students on 11th February 2017.
- Production engineering department arranged supplementary classes on "Introduction to AutoCAD"" for 3rd level Production Students on 11th February 2017.
- Production engineering department arranged supplementary classes on "Design of Product & Mic Tools (2182503)" for 3rd level Production Students on 11th February 2017.
- Computer Engineering Department arranged expert lecture on "Collaboration as a Mantra for Academic & Social Excellence" for F.Y.B.E.CP Students on 11th February 2017.
- Maths department arranged one day workshop on "Problem Solving in Mathematics" for 2nd Level Mechanical Engineering Students on 11th February 2017.
- Computer Engineering Department organized One day workshop on "IOT using Python Programming and Raspberry Pi" for 2nd Year Computer Engineering Student" on 7th January 2017.
- Electrical engineering Department arranged expert lecture on Emerging Technologies for Future of Power System Protection for 3rd & 4th Year B.E. Electrical Students on 6th January 2017.
- BVM arranged one day Start up programme for students for various Dept. students on 12th February 2017.
- BVM arranged visit to Vibrant Summit Global Trade Show 2017 at Exhibition Ground, Mahatma Mandir, and Gandhinagar on dated 12th January 2017.
- Electrical Department arranged TEQIP - II Sponsored 3 days Student Workshop on PLC, SCADA and Protection for Final Year B.E. Electrical Students, Conducted by Hi-Mak Ltd, and Vadodara on 3rd March 2017 to 5th March 2017 and 10th March 2017 to 12th March 2017.
- Production engineering department arranged industrial visit to 'Indo- German Tool Room, Vatva' at Ahmedabad for 2nd Year P.E. Engineering Students on 11th February 2017.
- Electronics Engineering Department organized Industrial visit to RTTC-BSNL, VSSE-ISRO at Ahmedabad for second level Electronics Students on 17th March 2017.
- Seven students of Electronics engineering participated in 2 days workshop on "BIPED ROBOT" at SVIT – Surat on 17th February 2017 to 18th February 2017.
- Civil Department arranged site visit to Sardar Sarovar Dam, Kevadia Colony for Final Year B.E.Civil Students on 28th March 2017.
- Mechanical Engineering department organized 2 days' workshop on advanced training Programme in Industrial Automation using PLC &SCADA for All Year B. E. Students Conducted by Techno globe Hub, New Delhi during 16th March 2017 to 17th March 2017.
- Mechanical Engineering Department arranged expert lecture on "Wind Power Generation and Renewable Energy Resources" for Final Year Mechanical Students on 11th February 2017.
- Mechanical Department arranged expert lecture on "" Recent Trends in Product Development" for 6th and 8th Sem. Students on 18th March 2017.
- Computer engineering Department arranged expert lecture on ""Skills required for Employability in small Scale Industries" for 2nd, 3rd, 4th Level Students on 18th March 2017.
- Computer engineering department organized "Campus Recruitment Training" for 2nd and 3rd year students on 21-01-2017, 28-01-2017 & 11-02-2017.
- BVM organized Project Expo 2017 on 30th March 2017.
- Computer Engineering Department arranged expert lecture on "Angular JS" for 2nd and 3rd level computer engineering students on 11th February 2017.
- Production engineering department organized finishing school on "Fusion-360" for 3rd Year Production Engineering Students during 07th March 2017 to 21st March 2017 and 15th March 2017 to 31st March 2017.
- Mechanical Engineering Department organized finishing school on "Introduction to CREO" for Third Year Mechanical Engineering. Students during 30th January 2017 to 18th February 2017.
- BVM engineering college organized One Day Workshop on "DONA 2k17" on 08th March 2017.
- Maths Department organized expert lecture on "MA 203" for 2nd year B.E Students on 9th March 2017.
- Electrical Engineering Department organized one day workshop on "Utilization of Software in Electrical Engineering"(2180905) for 3rd level B.E. Electrical Students on 11th February 2017.

- Civil Engineering Department organized Two days hands on training on DGPS for 3rd & 4th year students on 18th March 2017 to 19th March 2017.
- Civil Engineering Department arranged Finishing School on "AutoCAD" for 2nd and 3rd B. Tech Civil Students during 6th February 2017 to 23rd February 2017.
- Civil Engineering department organized supplementary classes on "QGIS" For 2nd Level Civil Students on dated 08th February 2017 to 20th February 2017.
- Production engineering department arranged expert talk on "ATV and Race Car Design" for 1st, 2nd, 3rd year Production engineering students on 15th March 2017.
- Civil Engineering department organized supplementary classes on "QGIS" For 2nd Level Civil Students on dated 15th March 2017 to 24th March 2017.
- Civil Engineering Department arranged Finishing School on "AutoCAD" for 2nd and 3rd B. Tech Civil Students during 15th March 2017 to 24th March 2017.
- Computer Engineering Department arranged expert talk on "GPU Architecture & Programming" For 2nd Year Computer Students on dated 25th March 2017.
- Mechanical Engineering department arranged GATE Coaching Classes for 2nd Year Mechanical Students during 03rd January 2017 to 15th March 2017.
- Civil Engineering Department Experts Talk on Use of 3D Laser Scanner in Surveying & Mapping for 2nd & 3rd level Civil Engineering Students on 30th March 2017.
- Electronics Engineering Department organized workshop on "Layout Design of Electronics Circuits" for 1st and 2nd year electronics students on 18th March 2017.
- Electronics Engineering Department organized workshop "Prototyping Electronics with Microcontroller" for 2nd year electronics students on 21st March 2017.
- Mechanical Engineering department arranged Finishing School on "Introduction to CREO" for 3rd year Mechanical Students on 7th March 2017 to 31st March 2017.
- Mechanical Engineering Department arranged One day workshop on "Materials Processing and Characterization" for 2nd year Mechanical Students on 30th March 2017.
- Production Engineering Department arranged industrial visit at Green Surgcals Pvt. Ltd., Savli Industrial Estate, and Vadodara for 2nd year Production Student on 21st March 2017.
- Nine Civil/structural engineering final year students visit Ultratech Cement at MS University which organised "Sparkling Stars" competition on 08th March 2017.
- Students from various departments presented/published paper under International Conference on Research and Innovations in Science, Engineering & Technology ICRASET-2017 during 17-02-2017 to 19-02-2017 at BVM Engineering College.

To Approve:

- Compliance to half yearly Internal audit report for the period April 2016 to September 2016. **(Encl. X)**
The report was approved.
- Compliance to half yearly Internal Audit report for the period October 2016 to March 2017. **(Encl. XI)**
The internal audit report was approved.
- Compliance to statutory audit report for FY 2016-17. **(Encl. XII)**
The statutory report for FY 2016-17 was approved.
- Continuation of appointed TEQIP – II office staff (2 nos.) and one attendant up to 15th October 2017 for project closure activities with reference to the email from NPIU dated 25-07-2017 and our email communications to NPIU dated 27-07-2017 , 29-07-2017 & 04-08-2017 .
Appointment of TEQIP Office staff was approved.
- BVM had opened one account especially for the utilization of the fund received from the IPR. BVM has utilized the entire amount of fund from IPR. The balance amount in that account (income from

registration fees of women conference and bank interest) shall be transferred to four fund account and the account shall be closed.

The report was approved.

- For International Conference on Research and Innovations in Science, Engineering & Technology (ICRISET – 2017) organized at B V M during 17th to 19th Feb, 2017, remuneration for keynote speaker - Rs. 5,000/- , for session chair - Rs. 2,000/- (maximum up to Rs. 3,000/-), and if a keynote speaker is chairing the session on the same day then remuneration - Rs. 5,000/-.

The report was approved.

- Annual increment in the monthly salary of TEQIP-II office personnel to be as Rs. 1,500/- as per Govt.GR No. KHARACH/2002/57/ (PART-2)/JH-1 Dated 20-10-2015.

The report was approved.

- To approve usage of following amounts for procurement :

Sr. No.	Description of allocation of funds for Procurement	Amount (Rs.)
1	Original Allocation of 55% of the total project amount (Rs. 10 crore)	5,50,00,000
2	Allocation of 55% of the amount due to interest accrued (Rs. 31.23 lakh), with reference to email from NPIU dated 16-12-2016	17,17,685
3	Additional allocation of 10% of total project amount (Rs. 10 crore) , with reference to email from NPIU dated 24-03-2017	1,00,00,000
Total		6,67,17,685

- Item wise list of procurement completed under the Project **(Encl. XIII)**
- All expenses and Financial Monthly Reports (FMRs) for the months of October 2016 to July 2017. **(Encl. XIV)**
- E-FMR (E-Financial Monitoring Reports) for quarter October to December 2016. **(Encl. XV)**
- E-FMR (E-Financial Monitoring Reports) for quarter January 2017 to March 2017. **(Encl. XVI)**
- Half yearly E-FMR (E-Financial Monitoring Reports) for the period October 2016 to March 2017. **(Encl. XVII)**
- Participation of Faculty members in various events like Conferences/ Seminars/ training programmes / capacity enhancement programmes and paper publications under TEQIP-II. **(Encl. XVIII)**
- As per BoG resolution no 12.1.4 (IV), creation of Four Funds was approved. Subsequently, the Chairman BoG approved the transfer of income from various sources to a separate bank account vide approval dated 11-01-2017. The amounts were transferred to existing bank account of TEQIP-II Fund Principal BVM, to be an exclusive Four Funds account.
- Proportion of distribution of income from various sources to respective Four Funds. (References: GR Resolution No. TEQ-102010-2090(1)-S Dated 28-09-2011, Amendment No. TEQIP-102010-2090(3)-S) dated 23-03-2012)

Source for the Fund					
Sr. No.	Source of Fund	Corpus Fund (BVM, GIA)	Staff Development Fund (BVM, GIA)	Maintenance Fund (BVM, GIA)	Depreciation Fund (BVM, GIA)
1	Consultation fee	0%	50%	25%	25%
2	Testing fee (Other IRG)	0%	0%	50%	50%
3	CEP(Earning)	0%	100%	0%	0%
4	Tuition fee	100%	0%	0%	0%
5	Workshop & Lab. Fee (= Tuition Fees)	100%	0%	0%	0%
6	Bank Interest	100%	0%	0%	0%

7	Xerox Ac (Miscellaneous) (Any Other Income)	100%	0%	0%	0%
8	Sale of Prospectus (Miscellaneous) (Any Other Income)	100%	0%	0%	0%

- Year-wise distribution of income from various sources to respective Four Funds :

Total Amounts in Four Funds , TEQIP-II, B V M Engineering College as per accounts up to 31-03-2017								
Sr. No	Financial Year	Total Amount (Rs.)	Corpus Fund (BVM, GIA)	Staff Development Fund (BVM, GIA)			Maintenance Fund (BVM, GIA)	Depreciation Fund (BVM, GIA)
			Amount (Rs.) from BVM GIA	Amount (Rs.) from BVM GIA	Amount (Rs.) from IRG of CEP Earning	Total Amount (Rs.)	Amount (Rs.) from BVM GIA	Amount (Rs.) from BVM GIA
1	2013-2014	40,54,246	38,86,246	0	1,68,000	1,68,000	0	0
2	2014-2015	39,62,711	37,45,761	0	2,16,950	2,16,950	0	0
3	2015-2016	43,95,484	37,67,034	0	6,28,450	6,28,450	0	0
4	2016-2017	67,18,557	36,31,305	1,08,025	21,14,112	22,22,137	4,32,557.5	4,32,557.5
Grand total (Rs.)		1,91,30,998	1,50,30,346	1,08,025	31,27,512	32,35,537	4,32,557.5	4,32,557.5

The utilization of four funds (revenue generated from TEQIP-II) will be done as per the norms approved by the BoG.

The report was approved.

A G E N D A (SFI)

- 16.3.1. To confirm the minutes of the 2016.1 & 2 meeting of the Board of Governors held on 30.12.16. **(Encl : I)**
The minutes were confirmed.
- 16.3.2 To consider the Audited Statement for the year 2016-2017 **(Encl : II)**
The Audited statement for the year 2016-17 was noted
- 16.3.3 To consider the budget Estimate for the year 2017-18 **(Encl : III)**
The revised budget for the year 2015-16 and budget estimates for the year 2016-17 were noted.
- 16.3.4 To consider the Physical Verification report of the Library Stock taken during **June, 2016 to May, 2017** submitted by the Librarian. **(Encl : III-A)**
The report was noted.
- 16.3.5 To consider the Leave granted to teaching and non-teaching staff members. **(Encl:IV)**
The report was noted.
- 16.3.6 To report :

- 1) Dr. B.C.Goradiya, Asso.Professor, Electronics & Communication has been re-designated as Head of Electronics & Communication Dept.(SFI) with effect from **5.01.2017** vide Hon.Chairman's approval No.F/108/2/244 dated 02.01.2017.
- 2) Dr. Mehul B Shah, Asso.Professor & Head, Electronics & Communication has been re-designated as Asso.Professor of Electronics & Communication Dept.(SFI) with effect from 5.01.2017 vide Hon.Chairman's approval No.F/108/2/244 dated 02.01.2017.
- 3) With reference to CVM Order No CVM/5/2017-18/2170-72 dated 24/07/2017 Dr. Mehul B. Shah, Associate Professor,EC has been transferred from BVM to GCET with immediate effect with his existing designation, pay, pay band and AGP etc.
- 4) Dr. Keyur N Brahmhatt, Asst.Professor, IT Dept.(SFI) has been appointed as Head of Department with effect from 3.07.2017 on completion of his Ph.D.
- 5) Prof.Zankhana H Shah, Asso.Professor, IT Dept. couldnot fulfil the requirement of Ph.D. in time even though she has been given two year extension period. So she has been reverted to Asst.Professor of IT (SFI) with effect from 01.07.2017.
- 6) Revision of AGP Mr. Swapnil D. Patel, Programmer, IT Department AGP 5400 To AGP 7440 with BVM Ref. No.F/108-2/025-1 dated 04/05/2017 & Chairman Sir Approval on 04/05/2017.
- 7) As per CVM Circular No. CVM/22/2016-17/4345 dated 20/10/2016. Ms. Prachi Shah – Assistant Professor IT Dept. LWP from 01/03/2017 to 11/03/2017 6 – Days. Above circular CVM has Approved Re Joining duty dated 12/03/2017 vide order letter No. F/108-2/SF/LWP/PKS/304 of 16/03/2017.
- 8) The following faculty members have completed their Ph.D. research work as detailed below.

Sr. No	Name & Designation	Title of the Ph.D. thesis & Institution	Date of Ph.D. completion
01	Prof. Keyur B Brahmhatt Asst.Professor IT Dept.	“Multimodal and Multifocus Image Fusion” from Charotar University of Science and Technology, Changa.	12.06.17
02	Prof. R.C.Rana Asst.Professor EC Dept.	Study And Analysis Of An Adaptive Mimo-Ofdm System For The Improvement Of The Spectral Efficiency Of Wireless Systems in Electronics & Communication From R.K.University guided by Dr. J.M.Rathod	04.07.17

- 9) Hiring of the following Class-IV employee on contract basis(11 months):

Sr. No.	Name of the staff member	Designation	Salary	Date of joining
01	Mr. Mahendrabhai P Parmar	Hamal	9000/- p.m.	05.12.16

The reports were noted.

16.3.7 To note the actions taken by Hon. Chairman:

- 1) Approval for extension of contract period of the following staff members from 05.06.17 to 31.05.18(Approval dated 1.6.17)

Sr. No	Name of Staff	Department	Post	Date of Joining	Date of Completion One Year Contract
1	Mayank L. Devda	Mechanical	Lab.Assistant	03.08.11	31/05/2018
2	Nilesh D. Ganvit	Mechanical	Lab.Assistant	03.08.11	31/05/2018
3	Keval N. Pandya	Electrical	Wireman	12.09.11	31/05/2018
4	Amit G.Patel	Electrical	Lab.Assistant	09.04.12	31/05/2018
5	Chirag R. Patel	Civil	Lab. Technician-cum- Attd.	06.02.12	31/05/2018
6	Prakash P. Solanki	E.C.	Lab.Assistant	12.06.13	31/05/2018

- 2) To report : The Selection of the following candidates recommended by the Staff Selection Committee held on 14.06.2017 to 16.06.17 in the office of the Charutar Vidya Mandal, Vallabh Vidyanagar. They have also been Endorsement by GTU vide No. GTU/SEB/Deg Engg/008/2017/5358 dated 29/07/2017

No	Name of Candidate	Designation	Pay scale Rs.	Starting pay p.m.	Date of joining	Category
1	Shah Jagruti P. Assistant Professor	Civil Engg. (SFI)	15600-39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open
2	Patel Pinakin N. Assistant Professor	Civil Engg. (SFI)	15600-39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open
3	Brahmbhatt Jignesh I. Assistant Professor	Civil Engg. (SFI)	15600-39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open
4	Patel Pranay S. Assistant Professor	Computer Engg. (SFI)	15600-39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open
5	Patel Hinaxi A. Assistant Professor	Electrical Engg. (SFI)	15600-39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open
6	Patel Gaurav V. Assistant Professor	Production Engg. (SFI)	15600-39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open
7	Makwana Jatin R. Assistant Professor	Production Engg. (SFI)	15600-39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open
8	Dr. Patel Dipti R. Assistant Professor	Science & Humanities	15600-39100/-	15600+AGP 6000=21600	01/07/17	Open

		(Maths)	G.P. 6000/-			
9	Dr.Shah Mehul J. Assistant Professor	Science & Humanities (Management)	15600- 39100/- G.P. 6000/-	15600+AGP 6000=21600	01/07/17	Open

- 3) To Report : The following Staff members have Extension of Probation Period for one year by Hon. Chairman CVM .

Sr. No.	Name of Staff	Designation	Dept.	Date of Joining	Date of Completion Probation Period	Date of Extension Probation period
1	Mr. Priyank Bhojak	Asst. Prof.	I.T.	01/07/2015	30/06/2017	30/06/2018
2	Ms. Prachi Shah	Asst. Prof.	I.T	01/07/2015	30/06/2017	30/06/2018

- 4) Confirmation of the staff members of the college, if any - Along with 2 Years C.R. Report

Sr. No.	Name of Staff	Designation	Department	Date of Joining	Date of Completion Probation Period
1	Ms. Nikita Patel	Asst. Prof.	I.T.	01/07/2015	30/06/2017
2	Mr. Vijayparatap Singh	Asst. Prof.	Mechanical (SFI)	01/07/2015	30/06/2017
3	Mr. Chintan Mazmudar	Asst. Prof.	Mechanical (SFI)	01/07/2015	30/06/2017

- 5) Approval to the following faculty members for joining Ph.D.

Sr. No.	Name & Designation	Place of study	Date of joining	Letter No. and dated	Remark
1	Mr. Vishal B. Patel Asst. Prof. Structural Dept.(SFI)	IIT - Mumbai	01/09/2009	Hon. Chairman approval Letter No. 7561 dated 24.3.17	LWP From 10.7.17 to 15.12.17
2	Mr. Anish A. Vahora Asst.Professor EC Dept.	CHARUSAT – Changa	01/07/2012	Hon. Chairman approval Letter dated 17.6.17	Permission only for applying Test. Short listed in written examination.
3	Mr. Kanu G. Patel Asst.Professor IT Dept.	CHARUSAT – Changa	21/07/2012	Hon. Chairman approval Letter dated 09.8.17	Permission only for applying Test. Short listed in written examination.

- 6) Resignation of the following staff members of the college have been accepted and relieved them as per the rules :

Sr. No.	Name & Designation	Department	Date of Joining	Date of Relieving
1	Dr. Manish K. Mehta Assistant Professor	Production (SFI)	01/07/2015	06/07/2017
2	Shri Ankit M. Patel Lab. Asst. cum Jr. Clerk	Office / EC	01/11/2016	14/08/2017

The actions taken by Hon. Chairman were noted.

- 16.3.8 Approval for permission to process for AGP Moment of the eligible candidates, who have submitted application. Scrutiny Committee as per CVM rules.

Eligible Candidates List:

No.	Name of Candidate & Designation	Department	Qualification	AGP Change
1	Mr. Aakar N. Roghelia (Assistant Professor)	Mathematics	Ph.D. (Reading) M. Phil. (Maths)	7000 to 8000
2	Mr. Nilesh B. Prajapati (Associate Professor)	Information Technology	Ph.D. (Reading) M.E. (Computer Engg.)	7000 to 8000
3	Mr. Samip A. Patel (Assistant Professor)	Information Technology	M.E. (Computer Engg.)	6000 to 7000
4	Dr. Jayesh R. Pitroda (Assistant Professor)	Civil	Ph.D. (Civil Engg.)	6000 to 7000
5	Mr. Vishal B. Patel (Assistant Professor)	Structural	M.E. (Structural Engg.)	6000 to 7000
6	Mr. Hiren J. Patel (Assistant Professor)	Electronics & Communication	Ph.D. (Reading) M.E. (EC Engg.)	6000 to 7000
7	Mr. Robinson P. Paul (Assistant Professor)	Electronics & Communication	Ph.D. (Reading) M.E. (EC Engg.)	6000 to 7000
8	Mr. Ghansyam B. Rathod (Assistant Professor)	Electronics & Communication	M.E. (EC Engg.)	6000 to 7000
9	Dr. Sandip R. Unadakat (Assistant Professor)	Electronics & Communication	Ph.D. (Physics)	6000 to 7000
10	Mrs. Ripal M. Patel (Assistant Professor)	Electronics & Communication	M.E. (EC Engg.)	6000 to 7000

- 16.3.9 For information : UG Admissions details for the Academic Year 2017-18:

Sr. No.	Branch	Intake		Management		ACPC	TFWS	GN	VQ	Total	DtD	DtD TFWS	DtD Total	Grand Total
		Regular	DtD	Mgt.	NRI									
1	I.T.	60	12	7	6	43	3	2	4	65	10	0	10	75
2	E.C.	60	12	6	9	40	2	0	4	61	1	0	1	62
3	Mechanical	30	6	3	5	22	2	0	0	32	8	1	9	41
4	Production	30	6	4	3	13	1	0	1	22	0	0	0	22
	Total	180	36	20	23	118	8	2	9	180	19	1	20	200

- * 1 International Student in Information Technology
- * 1 International Student in Electronics & Communication

16.3.10 For information : Admissions for the **Academic Year 2017-18 (SFI) :**
POST GRADUATE

No	Discipline	Course	Intake	ACPC Reported
1	Civil	Construction Engg. Mgt	18	18
2		Infrastru. Engg. & Tech	18	18
3		Structural Engg.	18	18
4		Transportation Engg.	18	18
5	Computer	Computer Engg.	25	18
6	Electrical	Electrical Engg.	18	14
7	Mechanical	Machine Design	18	18
8	Civil	Environmental Engg.	18	17
			151	139

- * 3 international students admitted in Structural Engineering
- * 1 international student admitted in Electrical Engineering

16.3.11 For Information: The results of Summer 2017 examination of Autonomous and Gujarat Technological University held in May 2017.

Result UG [SFI]

No	Discipline (008)	Result in Percentage (%)					
		2 nd Sem.		4 th Sem.		8 th Sem.	
		Autonomous	Autonomous	GTU	BVM	GTU	BVM
1	Information Tech.	90.91	87.14	83.65	95.24	95.02	98.75
2	Electro. & Comm.	80.70	76.19	67.72	84.62	97.50	100
3	Mechanical	96.66	82.75	65.26	91.67	95.01	95.35
4	Production	63.63	66.66	82.01	93.10	96.55	97.14

Result PG [SFI]

No	Discipline	Course	Result in Percentage (%)	
			2 nd Sem.	4 th Sem.
			Autonomous	Autonomous
1	Civil	M.E. Environmental Engg	92.86	100
2		M.E. Construction Engg. & Mgt.	94.44	100
3		M.E. Structural Engg.	100	100
4		M.E. Trans. Sys. Engg.	94.74	88.89
5		M.E. Infrastructure & Tech.	100	-
6	Computer	M.E. Computer Engg.	92.00	100
7	Electrical	M.E. Power System Engg.	72.22	100
8	Mechanical	M.E. Machine Design	63.16	100

The report was noted.

16.3.12

For information : Placement of BVM students - Academic Year 2017-18.

UNDER GRADUATE :

Sr No	Company Name	ME	PE	IT	ET	TOTAL
1	L & T Power	2	0	x	x	2
2	TCS	1	2	20	17	40
3	EVOSYS	x	x	1	x	1
4	Aurgusoft	x	x	4	x	4
5	Capgemini	x	x	10	9	19
6	Elecon	2	1	x	x	3
7	Maxim Integrated	x	x	1	x	1
8	ATOS	x	x	x	2	2
9	L & T Infotech	x	x	3	x	3
10	Proseon Tech.	x	x	1	x	1
11	Cybag	x	x	1	x	1
12	GSFC	1	x	x	x	1
13	GNFC	1	0	0	0	1
14	Adani Power	2	0	0	0	2
15	Alpha9 Marin	8	1	5	3	17
16	Shriram Tranp.	0	0	0	1	1
	TOTAL	17	4	46	32	99

POST GRADUATE :

No	Company Name	Env.	Infra. Mgt.	Const. Engg.	Stru ct. Eng g.	Tran s. Engg .	M/c. Desig n	Pow er Syst.	Comp. Engg.	CTC (LPA)	Total Placed
1	TCS	0	x	x	x	x	2	0	3	3.3	5
2	L & T -ECC	0	x	0	1	0	0	1	x	4.75	2
3	Patel Infra.	0	x	1	1	3	x	x	x	1.8	5
4	Vyom Consult.	0	x	0	1	0	0	x	x	1.8	1
5	MKC Infra. Pvt.	0	x	0	0	1	0	x	x	1.8	1
6	CGPIT, Bardoli	0	x	1	0	0	0	1	4	3.5	6
7	Sadbhav Engg.	0	x	0	0	1	0	x	x	1.8	1
8	Advance Health	x	x	x	x	x	x	x	1	3.7	1
9	RKC Inf.	0	x	0	0	1	0	0	0	3	1
	Total	0	0	2	3	6	2	2	8		23

The report was noted.

16.3.13 Special achievements:

1. BVM Engineering College is ranked in Top 200 institutions in Engineering discipline under NIRF(National Institute Ranking Framework) 2017 declared by MHRD. Nodal Officer Dr. B.C.Goradiya, Head, EC Dept.

4. BVM Engineering College is ranked 6th in Gujarat (after IIT,NIT & other deemed universities) in Engineering discipline under NIRF(National Institute Ranking Framework) 2017 declared by MHRD.
5. BVM Engineering College has done MoU with Open Fuel (under InvestIndia,Start-up India Hub, New Delhi) to promote various activities related to start-ups. Start-up India Yatra event was hosted by BVM Engineering College.

The report was noted.

- 16.3.14 For information: Study Tours (Technical) for students arranged by the college during **01.10.16 to 30.06.17** :

Sr. No	Date	Place of visit	Dept.
01	04.04.17	Indian Space Research Organization (ISRO)	IT
02	12.01.17	Visit to 8th Vibrant Gujarat Global Summit	IT
03	05.10.16	Industrial visit to eInfochips and ISRO	EC
04	12.01.17	Visit to Vibrant Gujarat 2017	EC
05	15.02.17	Industrial Visit to SPRERI, V V Nagar	EC
06	01.04.17	Industrial Visit to Sonic Tecnology, Gandhinagar	EC
07	01.04.17	Industrial Visit to Metro Electronics, Gandhinagar	EC

The report was noted.

- 16.3.15 Report of the Training Programs / Workshops / Expert Lectures organized by the college during **01.10.16 to 30.06.17**:

Sr. No	Topic	Coordinator(s) / Invited Expert	Dept.	Date
01	STTP on Cyber Privacy and Ethical Hacking	Dr. K. N. Brahmhatt Mr. V. A. Polara Ms. N. R. Patel	IT	01.05.17 to 06.05.17
02	Workshop on Hands on Practices in Arduino Board	Mr. K. G. Patel, Mr. V. H. Shah	IT	19.03.17
03	Expert talk on Virtual Reality	Mrs. Z.H. Shah Mr. V. A. Polara	IT	04.02.17
04	Workshop on PHP for Beginners	Dr. K. N. Brahmhatt Mr. C. M. Mahant	IT	31.03.17
05	Seminar on Digital India (Ghana Village, Anand)	Mr. P. N. Bhojak Ms. P. K. Shah	IT	06.01.17
06	Workshop on simulation of electronics design software	D C Dalwadi A A Vahora	EC	04.02.17
07	Workshop on Wireless Robotics	Prof D C Dalwadi	EC	11.02.17
08	Workshop on VLSI Layout Design Tools & Its Applications	Robinson Paul, Hiren Patel	EC	11.02.17

09	Five days sttp on c and c++ programming.	Dr B C Goradiya , Prof D C Dalwadi and Prof Amit H Choksi	EC	14.03.17 to 18.03.17
10	Project Poster Exhibition	Prof D C Dalwadi and Prof A A Vohara	EC	30.03.17
11	Project Expo for Design Engineering Subject	M M Sevak, K R Patel, H J Patel, G B Rathod	EC	19.04.17 & 20.04.17
12	Summer Internship Programmes during vacation for XII pass students/Diploma 1).Computer Hardware Networking & Troubleshooting(40 hrs.)	Prof.Anish Vahora Mr.Prakash Solanki	EC	06.06.17 to 06.07.17
13	2) Overview of programming Language(30 hours)	IT	During vacation	Fees: Rs.1500/-

The report was noted.

16.3.16 Awards:

Sr. No	Department	Awards details	No.of awards	Category
01	Electronics & Communication	Academic Excellence Award	34 awards to students	<ul style="list-style-type: none"> • Highest CPI at all levels • Subject wise highest grades with highest CPI(12 awards) • Most punctual and regular students at all levels (08 awards) • Best Academic improved Performer(02 awards) • Leadership Qualities (05 awards) • Placement Coordinators (02 awards) • 1 student got 10.00 SPI of 8th sem GTU • 27 students got >9.00 SPI • 37 students got SPI between 8 & 9 SPI
02	Information Technology	Academic Excellence Award Memento	03 awards 70 memento	<ul style="list-style-type: none"> • First, Second and Third highest CPI at 4th Level • Lifetime remembrance

The report was noted and congratulated the students.

16.3.17 To note the actions taken by Hon. Chairman.

The following Savings Bank account with Axis Bank, Vallabh Vidyanagar branch has been closed vide Resolution No. 17.1:1(11) passed at CVM Governing Body Meeting held on 10.02.2017

Sr. No.	S.B.Account No.
01	910010017843271 with Axis Bank

The action taken by the Hon.Chairman was noted.

16.3.18

The following faculty members were deputed for participating in various short term training program (STTP) / Workshop / Seminar & Conferences during **01.10.16 to 30.06.17** :

Sr. No	Names of the Staff Members	Period	Topic & Place of Attending the STTP/Seminar/Workshop/ Conference
INFORMATION TECHNOLOGY DEPARTMENT			
01	Mr. V. H. Shah Mr. K. G. Patel Mr. P. N. Bhojak	21.11.16 to 26.11.16	Machine Learning for Big Data Analytics
02	Mr. S. A. Patel Ms. P. K. Shah	19.12.16 to 24.12.16	Wireless Sensor Networks and Applications
03	Dr. K. N. Brahmbhatt Mr. N. B. Prajapati Mrs. Z. H. Shah Mrs. K. H. Shah Mr. S. A. Patel Mr. V. M. Agrawal Mr. V. H. Shah Mr. K. G. Patel Ms. B. N. Dalwadi Mr. C. M. Mahant Mr. V. A. Polara Ms. N. R. Patel Mr. P. N. Bhojak Ms. P. K. Shah	17.02.17 to 19.02.17	International Conference On RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY (ICRISET - 2017)
04	Dr. K. N. Brahmbhatt Mr. N. B. Prajapati Mrs. Z. H. Shah Mrs. K. H. Shah Mr. S. A. Patel Mr. V. M. Agrawal Mr. V. H. Shah Mr. K. G. Patel Ms. B. N. Dalwadi Mr. C. M. Mahant Mr. V. A. Polara Ms. N. R. Patel Mr. P. N. Bhojak Ms. P. K. Shah	01.05.17 to 06.05.17	Cyber Privacy and Ethical Hacking

05	Dr. K. N. Brahmbhatt Mr. N. B. Prajapati Mr. V. H. Shah	12.06.17 to 17.06.17	IE(I) Sponsored and ISTE Approved One Week STTP on “Design and Simulation Tools for Education and Research in Electronics Communication and Networking”
06	Dr. K. N. Brahmbhatt Mr. N. B. Prajapati Mrs. Z. H. Shah Mrs. K. H. Shah	30.01.17 to 31.01.17	International Faculty Development Program (iFDP)
07	Mr. N. B. Prajapati	25.10.16 to 26.10.16	International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET)
08	Ms. N. R. Patel	19.11.16 To 24.11.16	Digital Image and Signal Processing
09	Mrs. Z. H. Shah Mrs. K. H. Shah Ms. B. N. Dalwadi Ms. N. R. Patel Ms. P. K. Shah	04.02.17	Cancer Awareness for Women
10	Mrs. Z. H. Shah Mrs. K. H. Shah Ms. B. N. Dalwadi Ms. N. R. Patel Ms. P. K. Shah	08.03.17	International Women’s Day Celebration (DONA 2k17)
ELECTRONICS AND COMMUNICATION DEPARTMENT			
01	Prof. Hiren Patel	08.04.17	NPTEL Awareness Workshop for Faculty at Charusat, Changa

The report was noted.

16.3.19 For information : Paper Presentation / Publication at International / National / Workshops / Seminars etc. by the Staff members during **01.10.16 to 30.06.17** :

A. INTERNATIONAL LEVEL :

Sr. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.	Impact Factor
INFORMATION& TECHNOLOGY DEPT.				
01	Women, Education and Empowerment	Keyur Brahmbhatt Mahasweta Joshi	International conference on "Women in science & Technology: Creating Sustainable Career" 2016	-
02	A review on Indian currency recognition	Viranchi patel, Keyur Brahmbhatt	International Journal of Advance Engineering and Research Development	-
03	Image fusion of Multi-modal images using Region consistency check & Blocking in Contourlet Transform	Keyur Brahmbhatt Dr.R.M.Makwana	Indian Journal of Science and Technology (SCOPUS,Elsevier)	0.27

04	A novel approach for multi-modality image fusion with conjugation of DWT and RT using region consistency	Keyur Brahmhatt Dr.R.M.Makwana	International Journal of Computer Science and Information Security (Science Citation Index)	0.519
05	Indian currency recognition using NN pattern recognition tool	Viranchi patel, Keyur Brahmhatt	Research and Innovation in Science, Engineering & Technology	-
06	Mobility Prediction for Dynamic Location Area in Cellular Network using Hidden Markov Model	N. B. Prajapati, D. R. Kathiriya	International Conference on Industry Interactive Innovations in Science, Engineering and Technology (I3SET), JIS Engg. College, Kalyani, West Bengal	-
07	Key Distribution using Quantum Cryptography	Matri Patel, M. I. Hasan, N. B. Prajapati	International Conference on Engineering and Technology (ICET) 2016. Coimbatore India	-
08	Study on Quantum Key Distribution Protocols	Matri Patel, M. I. Hasan, N. B. Prajapati	International Conference on Research and Innovation in Science, Engineering & Technology (ICRISET-17)	-
09.	Face Detection Techniques: A Survey	Aarzo Lakhwani, Ankita Waghela, Zankhana Shah	International Conference on Research and Innovation in Science, Engineering & Technology (ICRISET-17)	-
10.	Automatic Image Registration	Mehfuza Holia, Zankhana Shah	International Conference on Research and Innovation in Science, Engineering & Technology (ICRISET-17)	-
11	Flower Classification using Texture and Color Features	Riddhi Shaparia, N. M. Patel, Zankhana Shah	International Conference on Research and Innovation in Science, Engineering & Technology (ICRISET-17)	-
12	A survey on Feature Extraction Techniques for Flower Classification	Riddhi Shaparia, Dr. N. M. Patel, Zankhana Shah	International conference on Intelligent Systems and Signal Processing, February 2017 at GCET, v.v.nagar	-

13	Review on MAC Protocols for Underwater Acoustic Networks	Jill Barot, S. A. Patel	International Research Journal of Engineering and Technology (IRJET0)	5.181
14	Optimized Image Mosaicing with Moment Invariants and SIFT Features	Dilip Bheda, Vikram Agrawal	Oriental Journal of Computer Science and Technology (OJCST)	4.79
15	Security with Respect to MANET (Mobile Ad-hoc Network) and IoT (Internet of Things)	Vikram Agrawal	Oriental Journal of Computer Science and Technology (OJCST)	4.79
16	Time Based Data Compression: Clock Algorithm	Vatsal Shah, Vandan Dhuliya	International Journal of Advanced Research in Engineering Science and Technology	4.54
17	Critical Analysis for Memory Management Algorithm for NUMA based Real Time Operating System	Vatsal Shah, Dr. Apurva Shah	International Journal of Engineering and Technology	-
18	Kernel and Device Driver Architecture for High Performance Real Time Operating System	Vatsal Shah, Kanu Patel, Priyank Bhojak, Jayana Donga	Indian Journal Of Technology And Education	-
19	Automated Web Application Vulnerability Detection with Penetration Testing	Priyank Bhojak, Kanu Patel, Vatsal Shah, Deven Gol	EPIC Series and Kalpa Publications	-
20	Implement Vehicle Management System Using Android	Kanu G. Patel, Harsh Patel, Preet Gupta, Rutvik Gamit	IJSRSET 2017	3.7
21	Secure Sharing of Personal Health records in Cloud using Attribute based Encryption	Yogita Vaishnani, Chintan Patel, Priyank Bhojak, Sunil Vitlani	International Journal of Computer Engineering Science	-
22	Segmentation approaches used for Devanagari and Gujarati OCR system – A Survey	Sulabh Bhatt, Kiran Bidua, Prachi Shah	International Journal of Advance Research in Science and Engineering (IJARSE), VOLUME 6, ISSUE 4, April 2017	2.83
ELECTRONICS & COMMUNICATION				
23	Wireless patient monitoring system using microcontroller for heartbeat and respiration measurement	Ghansyam B Rathod Dharmesh B. Sojitra Vijay H. Pandit Sagar R. Jain	International Journal Multi Disciplinary Edu Global Quest(MDEGQ), Volume 5, Issue 2,ISSN: 2250 – 3048, 18th Oct 2016.	1.102

24	An Adaptive Modulation and Efficient Power Allocation Technique for V-BLAST 2X2 MIMO OFDM System	Rajvirsinh Rana, Jagdish M Rathod	International Journal of Computer Science and Information Security (IJCSIS), Vol. 14, No. 12, ISSN 1947-5500, December 2016	0.553
25	Directivity Enhancement of Miniaturized Directional Coupler using Defected Ground Structure	P. S. Bhakhar, V. V. Dwivedi, P. R. Prajapati	Springer, ICCASP/ICMMD, Vol. 137, Pp. 739-746. 978-94-6252-305-0/1951-6851, Dec-2016	1.82
26	Comprehensive study of Smart Parking System	Anish Vahora, Siddharaj Gogre, Palash Gandhi, PratikVaswani	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 6, Issue 1, ISSN 2278-6856, Jan 2017	7.143
27	The future of data communication LIFI (Light Fidelity): reveiw	Bhargav C. Goradiya, Aamir Mansuri, Mahak Kothari, Krishna Karia	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
28	Implementation of Edge Detection Algorithm Using Nexys 4 FPGA	Chintan Patel, Ronak Vashi, Anish Vahora	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
29	A Survey on Performance Evaluation of Various Optical Character Recognition Techniques for Indian Regional Languages]	Amit Choksi, Kaushal Patel, Ronak Vashi, Mayur Sevak	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
30	Compressed sensing applications in image processing and communication	Mayur sevak, Amit choksi, Kaushal patel, Ronak vashi	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
31	IOT Based Air Pollution Detection System: A Survey	Anish Vahora, Parth Joshi, Vaibhav Parsana, Vidhyu Prajapati	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
32	Performance evaluation of charging a mobile using heating technology mobile charger made by using a teg module	Darshankumar Dalwadi, Mohit Agarwal, Sambridhi Priya, Bhargav C. Goradiya	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
33	Performance of STBC technique in MIMO system with Rayleigh fading environment	Darshankumar Dalwadi	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA

34	Capacity of MIMO system in Rayleigh fading channel with receiver diversity technique	Palak Patel, Darshankumar Dalwadi, Hiren Patel And Anita Bhatt	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
35	Stochastic hybrid system-state estimation methods -a survey	Robinson Paul, Vishvjit Thakar And Hiren Patel, Bala Natarajan	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
36	Design & implementation of voice-control line-follower robot for industrial application	Robinson Paul, Wallace Macwan, Hiren Patel, Ripal Patel	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
37	Monitoring and control system using data socket	Hiren Patel, Robinson Paul, Palak Patel	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
38	Beacon based positioning and tracking with sos	Hiren Patel, Robinson Paul, Vipul Shah	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
39	Effective flicker detection technique using artificial neural network for video	Ripal Patel, Shubha Pandey, Chirag Patel, Robinson Paul	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
40	Automatic Fire Detection using combination of Color cue and Flame Flicker	Ripal Patel, Kashyap Mandaliya, Pushkar Shelar, Rushi Savani, Chirag I Patel	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
41	Robust Gait Recognition Technique Using Neural Network	Ripal Patel, Khushboo Desai, Vivek Tank, Jinish Brahmhatt, Sanchit Puranik	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
42	Industrial Automation using Internet of Things	A B Bambhaniya , Nidhi Bhangle, Sanket Prajapati, Urvi Patel	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
43	Design and Implementation of parking lot management system using RFID technology	A B Bambhaniya , Ravi Bhojani, Vishab Patel	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
44	Challenges and opportunities in startups and entrepreneurship development in under developed area (Indian perspective)	Bhargav C. Goradiya, Karan V. Kataria, Nikhil R. Vegda, Vaibhav B. Parmar	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA

45	Implementation of ECG Signal Delectation & Filtering Circuit Using Proteus Software	Prasiddh S. Makadiya, Apar D. Trivedi Vatsal N. Bodiwala, G. B. Rathod	IJTE special issue ICRISSET-2017, 978-93-84339-38-8, 17-18th Feb 2017.	NA
46	Performance Analysis of Efficient Power Allocation Techniques with Different Modulation for 4X4 V-BLAST MIMO-OFDM System	Rajvirsinh Rana, Jagdish M Rathod	Indian Journal of Science and Technology, Vol 10(17), ISSN: 0974-5645, May 2017	0.68
47	Designing a Model for Traffic Rule Violation at Railway Track Using Raspberry Pi in Indian Context	Anish Vahora, Bhargav C. Goradiya, Devansh Parikh, Akash Shah	International Journal of Latest Technology in Engineering, Management & Applied Science, Volume 6, Issue 6, ISSN 2278-2540, June 2017	3.47
MECHANICAL DEPT.				
1	Development of functionally graded metal composite (Im25-sic) using centrifugal casting process and their characterisation	Prof.Kinjal.A.Pate 1	International Conference on "Research and Innovations in Science, Engineering & Technology" 17-19 Feb. 2017	

B. NATIONAL LEVEL:

Sl. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.
INFORMATION TECHNOLOGY			
01	Role of Curriculum Design In Engineering Education For Outcome Based Education In Indian Scenario	Gajanan Patange, Harmish Bhatt, Prachi Shah	National Conference on Quest for Excellence in Teaching, Learning and Evaluation, February 2017

The report was noted.

16.3.20

Details of Research & Development projects submitted to various funding agencies

No.	Title	Cost	Type of Research and Development	Funding Agency	Coordinator/ Investigator
INFORMATION TECHNOLOGY DEPARTMENT					
1	Computer Network and Operating System Laboratory	13,91,000/-	MODROBS	AICTE	Dr. K. N. Brahmhatt Mrs. Z. H. Shah

2	IoT and Artificial Intelligence Laboratory	19,68,000/-	MODROBS	AICTE	Mr. N. B. Prajapati Mrs. Z. H. Shah
3	Design and Analysis of Ophthalmic Imaging System for Early Detection of Eye Disease	10,00,000/-	Minor Research Project	AICTE	Mrs. M. S. Holia Mrs. Z. H. Shah
4	Open Source Technologies	3,70,000/-	FDP	AICTE	Mrs. K. H. Shah
5	Cyber, Network Security and Information Security	80,000/-	Seminar	AICTE	Dr. K. N. Brahmhatt
6	Open Source Technologies	80,000/-	STTP	GUJCOST	Mrs. K. H. Shah Mr. V. M. Agrawal
ELECTRONICS & COMMUNICATION DEPT.					
1	Next Generation Mobile Networks: 5G and IoT – FDP	4,00,000/-	MODROB	AICTE	Dr. R.C. Rana Dr. B.C. Goradiya
2	VLSI & ASIC Design Laboratory - upgradation	18,26,000/-	MODROB	AICTE	Dr. B.C.Goradiya, Prof. R. P. Paul
3	Design lab	25,00,000/-	GUJCOST	GUJCOST	Dr. B.C.Goradiya, Prof. A.A.Vahora
4	SSIP (Students Startup Innovation Policy) 3 years plan	3,00,00,000/-	Education department	Govt.of Gujarat	Dr. B.C.Goradiya, Prof. J.N.Jain, Dr. R.C.Rana
5	1 day workshop, 1 day seminar, 2 day workshop, 3 day workshop, 1 week STTP to be done before 31st August, 17	1,00,000/-	GTU	GTU	All teaching staff members

6	Air Pollution Monitoring System for Anand City based on Delay Tolerance Communication Technology	1,10,000/-	MRP Ref. GUJCOST/ MRP/16-17/485	GUJCOST	Remark: PI was Dr. Mehul B Shah has been transferred to GCET. New PI will be Prof.A.A.Vahora and Co.PI will be Dr. L.B.Zala
MECHANICAL ENGG. DEPT(SFI)					
	Performance Evaluation of Hot Forging Dies	10,00,000/-	MRP	GUJCOST	Prof. Vishal A. Pandya Dr. P. M. George

(Dr. Indrajit N Patel)
PRINCIPAL & MEMBER SECRETARY
BIRLA VISHVAKARMA MAHAVIDYALAYA

No. F/BM/108/2016.3/

Date:

To: The Esteemed Members of the Board of Governors, Birla Vishvakarma Mahavidyalaya

BIRLA VISHWAKARMA MAHA VIDYALAYA

2016.3 BOG Meeting

held on 18th November 2017, at 10 .30 am

SUPPLEMENTARY AGENDA:

- 16.3.1 To consider the period of Casual Leave as per English Calendar year i.e. **1st January to 31st December** instead of present system of academic year **1st July to 30th June**.

The report was noted and will be operated from 1st January 2018 and adjustment will be made for the ongoing system of academic calendar.

- 16.3.2 To take note of UG Admission for the year 2017-18. **Annexure-XIX.**

The report was noted and will be operated from 1st January 2018 .

- 16.3.3 To consider the UGC Guidelines as per XIIth Plan 2016-17 and modified 2017 guidelines for the Autonomous institutions for the smooth academic and administrative Governance and avail the privilege of Autonomous status. **Annexure –XX.**

The report was noted and resolved to send the gazeted to GTU, CTE and Education department for implementation for effective implementation of autonomy.

- 16.3.4 To avail Permission to restructure the Governance structure of the Institution in context to the Autonomous status; Principal will submit the Proposed Governance Structure to Honourable Chairman BoG with study and mapping of similar institutions.

Principal is empowered to restructure the institutional governance system in context to autonomous status and will be submitted during next BoG for approval and implementation.

- 16.3.5 To permit the principal for process of internal promotion of following faculties in SFI courses.

- a. Dr Bhargav Goradiya, Associate Professor, EC Dept.
- b. Dr Keyur Bhrambhatt, Assistant Professor, IT Dept.
- c. Dr Jayesh Pitroda, Assistant Professor, Civil Dept.
- d. Dr Rajveersinh Rana, Assistant Professor, EC Dept.

BoG approved for processing as per the Norms.

- 16.3.6 Writing off and discard account related and other documents (not important) before 10 years after due verification by a committee appointed by principal in line with prevailing norms.

Committee is to be constituted in line with Government procedure. Very important documents may be scanned and preserved as required.

16.3.7 Writing off Old unit and very old books not in circulation shortlisted by different departmental committees. **Annexure-XXI.**

Principal briefed about the process and follow up action with CTE office for deputing member to verify the books physically. Dr M N Patel suggested to remind again for deputing CTE nominee for verification before obsolescence .

Permitted with due procedural follow up.

16.3.8 To consider award of SSIP project by Education Department, Government of Gujarat for the period from 2017 to 2020. Sum of Rupees 120 lakhs in three equal instalments of 40 lakhs each year. **Annexure-XXII.**

The report was noted and congratulated coordinator and team.

16.3.9 To take on record award of FOUR AICTE MODROB projects awarded to Structural Engineering, Mathematics, Electronics Engineering and IT department. **Annexure XXIII.**

The report was noted and congratulated to all the coordinators for the project..

16.3.10 To consider resignation of Shri Samip A Patel, Asst Prof. IT department after completion of notice period and to relieve him on 9th February 2018 after office hrs.

Approved as per the norms and ensure the procedural follow up.

16.3.11 To take on record and appreciate the dedicated efforts & contribution of

- TEQIP-II Coordinator, core committee and key functionaries of the project
- NIRF documentation coordinator and team
- ERP implementation team
- SSIP Coordinator and Team
- TEQIP-III team and Task Managers for preparing IDP, Action Plan for TEQIP Project and AICTE Mandate action plan with budget.

To put on record of BoG and Dr D P Aggarwal suggested to award letter of appreciation to all contributors during upcoming annual day.

16.3.12 TEQIP-III Project

BVM Engineering College is awarded World Bank Aided TEQIP-III project under sub component 1.3 by MHRD Government of India w.e.f 1st October 2017 to March 2020. With a total funding of 700 lakhs. Following information is put for information and Approval of BoG

Institutional Development Proposal Submitted to NPIU

Action Plan submitted to NPIU for period of October 2-17 to March 2018.

Agreement between BVM (Mentor) and G E C Banswara, Rajasthan (Mentee) for the twining activity.

MoU between BVM, Education Department Government of Gujarat and NPIU.

All the members congratulated to the Principal and Team for this and appreciated team work for receiving this project and outstanding performance during TEQIP-II.

Appointment of Key Functionary for smooth planning and implementation of the Project as follows,(Other required committee as per PIP will be formed for smooth implementation)

1	TEQIP-III coordinator	Dr S D Dhiman, Associate Professor Civil Engineering Department
2	Nodal officer Procurement	Dr T D Pawar, Professor and Head Electronics Engineering Department
3	Nodal officer Academic	Dr P M George, Professor and Head Mechanical Engineering Department
4	Nodal Officer Finance	Prof S B Patel, Associate Professor Structural Engineering Department
5	Twining Coordinator	Dr J M Rathod, Associate Professor Electronics Engineering Department

Dr. Indrajit Patel , Principal briefed about the outline of Action Plan and IDP submitted to NPIU. He also highlighted about AICTE mandate and practice at BVM. IDP and action plan were approved by all members.

16.3.13 Any other item with permission of the Chair.

Er.P.H.Rana informed about use of rooftop solar power scheme and avail of subsidy from various funding agency.He wish to implement as a pilot project on one of the building block and shown readiness for any technical or administrative guidance.All the memebtrs welcome the suggestion and wish that BVM should adopt such technology.

Dr.D.P.Agrawal has brief about the interaction he had yesterday with the HOD and core committee in context to NBA preparation.He highlighted about major concernes and inform the team to take care in SAR.He focused on the upcoming developments in the field of technical and higher educations and suggested BVM to take lead in research and innovations as well as effective implementation of autonomy.Dr,Agrwal wish to have more PG courses in divershifted fillds to attract the students from allthe corners of the country and abroad as well . He shown satisfaction to the academic excellence and various activitiesin connection to

outcome based education and all round student development very happy to see the activities related to teaching & learnings. He has also point out about research garnt and put emphasis.

Dr. Indrajit Patel suggested to have atleast one Centre of Excellence and industry sponsored Chair in each department. All Heads of Departments should think in this direction to apply for the funding at appropriate level.

Dr. Indrajit Patel heartily thanks all the BOG members and chairman Dr. C.L. Patel sir for the valuable inputs and constant motivation for the holistic development of the BVM engineering college.

He informed that next meeting will be during the last week of January-2018.

Meeting ended with vote of thanks to the Chair.

(Dr. Indrajit N Patel)

PRINCIPAL & MEMBER SECRETARY
BIRLA VISHVAKARMA MAHAVIDYALAYA

No. F/BM/108/2016.3/

Date:

To: The Esteemed Members of the Board of Governors, Birla Vishvakarma Mahavidyalya