

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

Minutes of the **2015.3** meeting of the Board of Governors of Birla Vishvakarma Mahavidyalaya held on **Wednesday, 20th January, 2016 at 4.00 p.m.** in the Committee Room, near Principal's office at Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar.

The following members were present :

1.	Dr. C. L. Patel	Hon. Chairman, CVM & BVM BoG
2.	Prin. S. M. Patel	Hon. Secretary, CVM (Nominee of CVM)
3.	Er. Jagdishbhai I. Patel	President, VUIA, V.U.Nagar, (Nominee of CVM)
4.	Er. Surendrabhai M Patel	President, Charusat Uni., Changa (Nominee of CVM)
5.	Er. V. M. Patel	Hon. Jt. Secretary, CVM (Nominee of CVM)
6.	Dr. F. S. Umrigar	Principal & Member Secretary, BoG
7.	Dr. H. V. Trivedi	Special Invitee, BVM Mentor – TEQIP-II Project
8.	Dr. P. J. Gundaliya	SPFU Coordinator & CTE Representative
9.	Dr. J. D. Patel	Hon. I/c. Secretary, CVM
10.	Dr. A. M. Trivedi	Prof. & Head, Prod. Dept. (Nominee of CVM Gov. Body)
11.	Dr. R.K.Jain	Principal, ADIT
12.	Dr. Himanshu B Soni	Principal, GCET
13.	Dr. Shefali Singhal	Principal, MBICT
14.	Dr. P.M.Udani	Director, ISTAR
15.	Dr. Indrajit Patel	Dean, Administration
16.	Dr. D. G. Thakore	Head, Computer & TEQIP Coordinator
17.	Dr. B. R. Parekh	Head, Electrical
18.	Dr. A. K. Verma	Head, Structural
19.	Dr. L. B. Zala	Head, Civil
20.	Dr. P. M. Geroge	Head, Mechanical
21.	Dr. T. D. Pawar	Head, Electronics
22.	Dr. T. A. Desai	Head, Mathematics
23.	Dr. M. B. Shah	Head, ET
24.	Prof. Z. H. Shah	Head, IT

The following members conveyed their inability to attend the meeting.

1.	Er. Prayasvin B. Patel	Chairman & MD, Elecon Group of Companies & President CVM (Nominee of CVM)
2.	Er. V. C. Patel	Chairman, CGSM Ltd., (Nominee of CVM)
3.	Dr. Akshai Aggarwal	Hon. Vice Chancellor, GTU
4.	Er. P. H. Rana	Ex-Director, Technical, GSECL, Vadodara (Nominee of CVM)
5.	Er. M. J. Patel	Hon. Jt. Secretary, CVM (Nominee of CVM)
6.	Shri B. P. Patel	Hon. Jt. Secretary, CVM
7.	Prof. K. R. Trivedi	Head, RKP Arts & Sci. College (Nominee of Gujarat Govt.)
8.	Er. B. M. Vyas	BMV Consultant, (Nominee of CVM)
9.	Dr. Bakul Dholakia	Ex-Director, IIM(Educationist from the Region) (Nominee of CVM)
10.	Prof. N.R.Dave	Educationist from the Region (Nominee of CVM)
11.	Dr. Vimal Rarh	Dept. of Chemistry, SGTB Khalsa College, Delhi (UGC Nominee)
12.	Prof. P. B. Swadas	Asso. Professor, Computer (Nominee of CVM Gov. Body)
13.	Dr. K. M. Makwana	Principal, BBIT

Dr. F. S. Umrigar, Principal & Member Secretary welcomed Hon. Chairman and all members of Board on behalf of BVM and CVM family.

All Head of the Departments presented the departmental achievements, results and Research papers by faculty during 01.10.15 to 31.12.15.

Principal & Member Secretary, Dr. F. S. Umrigar presented the Institution Performance for the last 3 months with Agenda items 15.2.1 to 15.3.18.

Opening Remarks by the Hon. Chairman :

1. The faculty members should be deputed for pursuing Ph.D. as per CVM & CTE rules. Over the period of 5 years, at least 75 % of faculty members should have Ph.D. degree. Principal and Head of Department should motivate the faculty to pursue Ph.D. Part Time / Full Time. The faculty members with Ph.D. degree can guide their colleagues for pursuing Ph.D.
2. Reference to the new workload norms, all the departments should workout the workload and calculate the faculty details as per CTE & CVM. If any, the surplus staff should be checked out and get audited by CVM.
3. The Professor level faculty should do more Research work and should do more consultancy work as per needs of the society.
4. Dr. J. D. Patel I/c. Secretary, CVM suggested that the evaluation of Research thesis should be done by our CVM Software, which shall be procured in near future.
5. Seminars, Workshop, Conferences should be organized for the faculty and Post Graduate students. Being an Autonomous Institution the responsibilities of the faculty members have increased. Faculty members should contribute more to students and society.

Implementation of latest class –room teaching technology. Use of Chalk and black boards be limited. Progressively, all Class-rooms should be ICT (Information and Communication Technology) enabled.

6. Email addresses of all the students should be allotted during their entrance in the college. The care should be taken by Credit System Office. Dr. I. N. Patel, Dean Admin & Dr. P. M. George, Dean Academic will design course structure of B.Tech. Programme such that bright & meritorious students can complete their B.Tech. programme in 3 ½ years with permission from GTU.
7. All the faculty members should willingly deposit the amount of Rs. 1350/- towards the web space, to increase their contribution for consultancy work for the society.
8. All the equipments acquired be labeled properly as per the Stock Register of the concerned laboratories / departments with one-line function.
9. Prof. P. B. Swadas, Asso. Professor be informed to complete his Ph.D. at the earliest. The responsibilities of Placement Officer should be given after completing his Ph.D.

10. The PG GATE Students eligible for workload be given as per the norms. Dr. P. M. George, Head, Mechanical dept. was informed to take the additional Faculty as per requirement.
11. Dr. A. M. Trivedi, Head, Production was informed to take additional faculty as per norms considering total intake.
12. Dr. T. D. Pawar, Head, Electronics & Dr. M. B. Shah, Head, ET were informed to organize the workshop for filling the 100 % seats of Electronics & Electronics & Telecommunication disciplines.
13. Dr. A.K. Verma, Head Structural Engg. & Dr. L. B. Zala, Head, Civil Engineering were informed to submit the proposals to Government for Environment related consultancy both departments can use latest equipments available at SICART. Er. Surendrabhai suggested River Front Project – Ahmedabad to Civil & Structural Engineering depts. for consultancy.
14. All the Head of Departments should try to increase the Consultancy of their respective department.
15. An Expert Lecture of Dr. Udani, Director, ISTAR be arranged by Civil, Electronics Engineering & Electronics & Telecommunication departments.
16. The college Library should be up-to-date with required resources, so that the faculty members and students can utilize their fruitful time in Library. Dr. I. N. Patel & Dr. Vinaben Chauhan will coordinate with all Head of Departments and Librarian for maximum utilization of e-journals / e-books and other books. Head of departments should also monitor 2 hrs/week Time allocated for each faculty Time Table.

BUSINESS

- 15.3.1 To confirm the minutes of the 2015.2 meeting of the Board of Governors held on 16.10.15.

The minutes were confirmed.

- 15.3.2 To note the actions taken by Hon. Chairman :

1. Approval of Government of Gujarat Resolution No. KHRCH/2002/57/(Part-2)Z.1 dated 20.10.15 regarding following revision of Fix Pay for Class III & IV Daily wagers :

No.	Revision of Fix Pay as per GR dated 20.10.14	Revision of Fix Pay as per GR dated 20.10.15	Category
1	Rs. 7800/-	Rs. 10000/-	Class III
2	Rs. 7100/-	Rs. 9000/-	Class IV

2. Approval for organizing Short Term Training Program in college under TEQIP-II project as below :

No.	Dept.	STTP on	Dates	Approx. Exp. (Rs.)
1	Electronics	Electronic Design Automation Tools	04.01.16 to 08.01.16	1,10,000/-
2	Computer	Embedded Systems & IOT	04.01.16 to 08.01.16	86,300/-

3. Approval for submission of Proposal “Development of Physical & Mathematical, Information and Computer Research Tools for Determining Optimal Ratio of Competition and Cooperation Principles in Regulation of Enterprises” under collaborative approach between Russian Science Foundation & Department of Science & Technology to DST under **Indo-Russia Joint Project** for a period of 3 Years of **Rs. 61.98 Lakhs** by Mathematics Department and Computer Engg. Dept., BVM under the guidance of Dr. I. N. Patel, Dean, Admin & Dean GTU.

4. Following staff member is 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.	Mrs. Bindu V. Raval Terminal Operator	07.12.15	16.01.16	Privilege Leave

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

5. Approval of examination fees under autonomous status as below :

For UG programme	Rs. 125/-	Per subject
For PG Programme	Rs. 1000/-	Per student

6. Approval of expenses as under :

No	Particulars	Amount (Rs.)	Remarks
1	Repairing & Refilling of Fire Extinguishers	47,890.00	BVM Maintenance Grant

7. The following faculty member has been granted maternity leave as detailed below:

Sr. No.	Name of faculty	Maternity Leave		Remarks
		From	To	
01	Prof.(Mrs) Neha R Patel Asso. Professor (Re-designated) Civil Engg. Dept.	04.11.2015	18.12.2015	Maternity Leave
		19.12.2015	01.01.2016	Sick Leave

8. Following candidates were selected as Office Trainee Staff (GIA) purely on temporary basis (for 11 months) against the vacant posts in the Office on **Fix Stipend of Rs. 10,000/- per month as per Govt. Norms** vide CVM Staff Selection Committee held on **30.12.15** : (vide approval No.F/40/CVM/Admn/1760 dated 31.12.15)

Sr. No.	Name of staff member	Qualification	Designation	Date of joining	Remuneration
01	Mr. Patel Ankitkumar D	M.Com 51.63 % B.Com 49 % PGDCA 59 %	Trainee Jr. Clerk -cum-Typist	01.01.2016	Rs. 10,000.00 (as per Govt. norms)
02	Ms. Patel Rupal P	M.Com 53 % B.Com 50 % PGDCA 64 %	Trainee Jr. Clerk -cum-Typist	01.01.2016	

9. Approval of proposed budget of Rs.14,93,000.00 for annual Day + TECHFEST.

Sr. No.	Particulars	Amount	Dates
01	UDAAN Techfest (2days) + Annual Day	14,93,000.00	30.3.16 to 1.4.16

Actions taken by Hon. Chairman were noted.

15.3.3 For information :

- To consider letter No.F.3-1/2015 (AC-Governing Body Nominee) dated 02.12.2015 from University Grant Commission, New Delhi regarding nomination of University Grant Commission on BVM Board of Governors being an autonomous college. The details are as below :

Dr. (Ms) Vimal Rarh
Department of Chemistry
SGTB Khalsa College, Delhi
Email : yimalrarh@yahoo.com

BVM Board of Governors and CVM welcomes the participation of Dr.(Ms) Vimal Rarh

- Dr. F. S. Umrigar, Principal was invited to act as VC nominee (GTU) for Selection Committee for the various teaching positions at Ipcowala College of Engineering & Technology, Dharmaj on 23.11.15.
- Dr. F. S. Umrigar, Principal was invited as Expert for screening committee on 07.12.2015 at 12.00 noon at SVNIT, Surat for screening of applications for Transportation Engg. for abroad travel under TEQIP-II grant.
- Progress report received from following faculty member(s) pursuing Ph.D. :

No.	Name of Faculty	Dept.	Pursuing Ph.D. at	Date of Joining	Duration of Prog. Report
1	Prof. Hardik Berawala	Mechanical	IIT, Delhi	2015	July, 2015 to Dec. 2015

- Internal Promotion of Shri Girish C. Patel, Head Clerk to the Post of Administrative Officer vide Office Order No.F/Mahekam/Badhti/AO/GCP/1346 dtd. 19.10.15

6. A Book entitled “Engineering Graphics” of Prof. Sanjay J. Vansadiya, Asst. Professor in Mechanical Engineering Department was published by University Granth Nirman Board, Ahmedabad in November, 2015.
7. The following research proposals are in progress/submitted.

1	Civil Dept	One proposal of Rs.9,98,500.00 sent to GUJCOST prepared by Dr. Jayeshkumar Pitroda & Dr. L.B.Zala
2	Maths Dept. + Computer Dept.	One proposal of Rs. 61.0 lacs sent to RSFDST
3	Structural Dept	One proposal of Rs. 12,15,000.00 prepared by Dr. Indrajit N Patel & Prof. V.V.Agrawal sent to GUJCOST
4	Production Dept	Two proposals of Rs. 8,35,000.00 are ready to submit to DST & GUJCOST
5	Mechanical Dept	Two proposals are in the pipeline and will be ready within 10 days.
6	ET Dept.	One proposal of Rs.5,10,000.00 Sent on 26.12.15 to GUJCOST
7	Electrical Dept.	One proposal on Investiagation of Energy Saving in Industrial Utilities by Energy Audit of Rs. 9,70,000.00 prepared by Prof. Yogesh Prajati sent to GUJCOST

The report was noted and approved.

- 15.3.4 To report the Government of Gujarat resolution No. VALABH-102015-GOI-21-Ch dated 9.10.15 regarding **Dearness Allowances** at the rates sanctioned (**119 %**) in Cash with effect from 01.07.2015.

The report was noted and approved.

- 15.3.5 The following faculty members were deputed for participating in various short term training program (STTP) / Workshop / Seminar & Conferences during 01.10.15 to 31.12.15 :

Sr. No	Name of the Staff Member	Period	Topic & Place of Attending the STTP/Seminar/Workshop/Conference
CIVIL DEPARTMENT			
1	Dr. L.B.Zala	05.10.15 to 11.10.15	Management Capacity Enhancement Programme (MCEP) at IIM, Indore
2	Dr. S. D. Dhiman	07.10.15 to 09.10.15	Workshop on Quality Initiatives in Technical & Higher Educational Institutions (in compliance with NBA & NAAC Accreditation) at ESCI, Hyderabad.
		09.12.15	National Level Workshop on MHRD’s National Institutional Ranking in Mumbai.
3	Prof. N.F.Umrigar	23.11.15 to	Training programme on “Geospatial Technologies

		13.12.15	& Applications under NRDMS DST” at ISTAR
4	Prof. Amit A Amin	23.11.15 to 13.12.15.	Training programme on “Geospatial Technologies & Applications under NRDMS DST” at ISTAR
5	Prof. Amit A Amin	18.12.15 to 19.12.15	Simulation based engineering science Approach : A Scientific Approach to Engineering
6	Dr. D.S.Vyas	18.12.15	2 nd One Day Seminar on Workplace Safety,Health and Hygiene at GCET, VallabhVidyanagar

	COMPUTER DEPT.		
1	Dr. N. M. Patel	07.10.15 to 09.10.15	Workshop on Quality Initiatives in Technical & Higher Educational Institutions (in compliance with NBA & NAAC Accreditation) at ESCI, Hyderabad.
2	Dr. M. M. Vegad	12.10.15 to 16.10.15	3 rd Management Capacity Enhancement Programme (MCEP) at IIM, Trichy

	ELECTRICAL DEPT.		
1	Dr. B .R.Parekh	05.10.15 to 09.10.15	One week Workshop on Recent Trends in Power Electronics, Drives and Storage Technologies for Emerging Applications” to be held at VJTI, Mumbai
2	Dr.N. G. Mishra	06.10.15	One Day Workshop on Application of PSIM to power systems and Power Electronics at Electrical Engg.Dept., BVM
3	Prof.A. A. Shaikh	06.10.15	One Day Workshop on Application of PSIM to power systems and Power Electronics organized by Electrical Engg.Dept., BVM
4	Prof.M. N. Sinha	06.10.15	One Day Workshop on Application of PSIM to power systems and Power Electronics organized by Electrical Engg.Dept., BVM
5	Prof.A. M. Patel	06.10.15	One Day Workshop on Application of PSIM to power systems and Power Electronics organized by Electrical Engg.Dept., BVM
6	Prof.J.K.Chauhan	06.10.15	One Day Workshop on Application of PSIM to power systems and Power Electronics organized by Electrical Engg.Dept., BVM
7	Prof.A. R. Patel	06.10.15	One Day Workshop on Application of PSIM to power systems and Power Electronics organized by Electrical Engg. Dept., BVM
8	Prof.J. C. Baria	06.10.15	One Day Workshop on Application of PSIM to power systems and Power Electronics organized by Electrical Engg.Dept., BVM
9	Prof. Dharita K Patel	19.10.15 to 24.10.15	Workshop on “Arduino&Robotics” held at Charusat, Changa
10	Prof.G. K. Sharma	07.12.15 to 11.12.15	Short Term Course on “Clean Energy System and Technology” organized by Electronics and Communication Engineering, National Institute of Technology Goa, Goa

11	Dr.B R Parekh	07.12.15 to 11.12.15	One Week STTP on Advanced Microcontrollers and Applications organized by Electrical Dept., BVM
12	Dr. N. G. Mishra	07.12.15 to 11.12.15	One Week STTP on Advanced Microcontrollers and Applications organized by Electrical Dept., BVM
13	Prof.A. A. Shaikh	07.12.15 to 11.12.15	One Week STTP on Advanced Microcontrollers and Applications organized by Electrical Dept., BVM
14	Prof.M. N. Sinha	07.12.15 to 11.12.15	One Week STTP on Advanced Microcontrollers and Applications organized by Electrical Dept., BVM
15	Prof.A. M. Patel	07.12.15 to 11.12.15	One Week STTP on Advanced Microcontrollers and Applications organized by Electrical Dept., BVM
16	Prof.A. R. Patel	07.12.15 to 11.12.15	One Week STTP on Advanced Microcontrollers and Applications organized by Electrical Dept., BVM
17	Prof. A. R. Patel	14.12.15 to 18.12.15	One week Short Term Course on Power Electronic Circuits and Control at SVNIT, Surat
18	Prof.J. C. Baria	14.12.15 to 18.12.15	One week Short Term Course on Power Electronic Circuits and Control at SVNIT, Surat
19	Prof. A.M.Patel	14.12.15 to 18.12.15	One week Short Term Course on Power Electronic Circuits and Control at SVNIT, Surat

ELECTRONICS DEPT.

1	Prof. Anita Bhatt	10.10.15 to 11.10.15	Workshop on Testing & Verification of VLSI Design at Nirma Uni.
2	Prof. C.S.Patel	05.11.15 to 06.11.15	Induction Training Programme Phase-1 at NITTTR, Ahmedabad Extension Centre
3	Prof. Kaushika D Patel	14.11.15 to 28.11.15	One Week Workshop on “Android Application Development” at M.S.Univ. Vadodara
4	Prof. Parul Panchal	30.11.15 to 4.12.15	One week STTP on Research Opportunities in Information and Network Security Organized by IT Dept. at BVM
5	Prof. A.A.Daiya	06.12.15 to 07.12.15	Two Days Workshop on “Teacher Effectiveness Nurturing Well being” to be held from 6.12.2015 to 7.12.2015 at IIT, Hyderabad
6	Prof. Parul Panchal	07.12.15 to 11.12.15	One Week STTP on Advanced Microcontrollers and Applications organized by Electrical Dept., BVM
7	Dr. J.M.Rathod	26.12.15 to	International workshop on Antenna Innovations

		27.12.15	and Modern Technologies(iAIM-2015) for Communications, Navigations & Remote Sensing Systems at Ahmedabad
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MECHANICAL DEPT.

1	Dr. H. P. Patolia	12.10.15 to 16.10.15	3 rd Management Capacity Enhancement Programme (MCEP) at IIM, Trichy
2	Prof. S. A. Shah	12.10.15 to 17.10.15	10 th Management Capacity Enhancement Programme (MCEP) at IIM, Raipur
3	Prof. M. J. Zinzuwadia	12.10.15 to 17.10.15	10 th Management Capacity Enhancement Programme (MCEP) at IIM, Raipur
4	Prof. H.G.Kataria	18.12.15 to 19.12.15	Two Days TEQIP-II sponsored Workshop on Simulation Based Engineering Science Approach: A Scientific Approach to Engineering at IIT, Delhi
5	Prof. J.R.Koisha	18.12.15 to 19.12.15	Two Days TEQIP-II sponsored Workshop on Simulation Based Engineering Science Approach: A Scientific Approach to Engineering at IIT, Delhi

MATHEMATICS

1	Dr. T.A.Desai	05.10.15 to 09.10.15	16 th Management Capacity Enhancement Programme (MCEP) at IIM, Lucknow
		31.10.15	Workshop on English as Opportunity Opener and Available Tests – CEPT and BULATS organized by SCOPE in association with Cambridge English, part of the University of Cambridge, UK at KCG Campus, Navrangpura, Ahmedabad
2	Prof. R. B. Gandhi	08.12.15 to 12.12.15	Intl. Conf. on “Function Spaces & Inequalities” at New Delhi & Paper Presentation
3	Prof. R.B. Gandhi	02.10.15	Expert talk on Discrete-type Approximation Processes at TEQIP sponsored one week STTP program on “Fractional Calculus, Integral Transforms, Special Functions and Their Computations in Engineering and Sciences” (FCITSFTCES – 2015) organized by the Applied Mathematics and Humanities Department, SVNIT, Surat.
4	Prof. R.B.Gandhi	04.10.15	Expert talk on Hyers-Ulam Stability of Linear Positive Operators at TEQIP sponsored one week STTP program on “Fractional Calculus, Integral Transforms, Special Functions and Their Computations in Engineering and Sciences” (FCITSFTCES – 2015) organized by the Applied Mathematics and Humanities Department, SVNIT, Surat.

STRUCTURAL DEPT.			
1	Dr. A.K.Verma	05.10.15 to 11.10.15	Management Capacity Enhancement Programme (MCEP) at IIM, Indore
		31.10.15	Workshop on English as Opportunity Opener and Available Tests – CEPT and BULATS organized by SCOPE in association with Cambridge English, part of the University of Cambridge, UK at KCG Campus, Navrangpura, Ahmedabad
		14.12.15	International (Speaker) Training Course at SVNIT, Surat
2	Dr. S. V. Mevada	09.10.15	Technical Lecture on Anti-Terrorism Design of Buildings – A Structural Primer at Ambuja Cement, Ahmedabad
3	Prof. B.R.Dalwadi	04.12.15	One Day National Seminar on Recent Trends in Pile and Piled Raft Foundations at Vadodara
		14.12.15	International (Speaker) Training Course at SVNIT, Surat
4	Prof. V.A.Arekar	04.12.15	One Day National Seminar on Recent Trends in Pile and Piled Raft Foundations at Vadodara
5	Dr.(Mrs.) D.R.Bhatt	04.12.15	One Day National Seminar on Recent Trends in Pile and Piled Raft Foundations at Vadodara
6	Dr. Indrajit Patel	09.12.15	National Level Workshop on MHRD's National Institutional Ranking in Mumbai.
7	Prof. Vimlesh Agrawal	09.12.15	National Level Workshop on MHRD's National Institutional Ranking in Mumbai.
		14.12.15	International (Speaker) Training Course at SVNIT, Surat
WORKSHOP			
1	Shri P.I.Patel	18.12.2015	2 nd One Day Seminar on Workplace Safety, Health and Hygiene at GCET, Vallabh Vidyanagar
2	Shri Daud P Macwan		
3	Shri Ravikant N Gohil		
4	Shri Nitin R Patel		

15.3.6 For information : Paper Presentation / Publication at International / National / Workshops / Seminars etc. by the Staff members during **01.10.15 to 31.12.15:**

A. INTERNATIONAL LEVEL :

Sl. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.	Impact Factor
	CIVIL DEPT.			
1	Alleviating the Strength of expansive Soil Using Cement as an Additive	Chaudhari Shivani Chaudhari Riddhi, Tabiyar Suman, Bholanda Heena B, Prof. C.B.Mishra	International Journal of Science, Engineering and Technology Research (IJSETR), Vo. 4, Issue 10, October 2015 Page No.3501-3505	
2	Evaluating the repercussion of Evotherm J1 as Warm Mix Bond Booster with VG 10 in Mix Design	Supriya Mahida C.B.Mishra N.F.Umrigar and Sangita	International Journal of Current Engineering and Technology, Vol.5 No.6(Dec,2015) Page No.3799-3804	
3	Diagnosing Performance of Polypropylene Fibre in Concrete Mix Design for rigid pavement	Gopi J Sutaria, Prof. C.B.Mishra, Prof. N.F.Umrigar	SSRG International Journal of Civil Engineering (SSRG-IJCE) – Volume 2 Issue 12 December 2015 ISSN:2348-8352 Page No.13-18	

	COMPUTER DEPT.			
1	A Review Paper on Content based Video Retrieval	Hetaxi Kamli, M. J. Joshi, U. K. Jaliya	IJSRD – International Journal for Scientific Research & Development Vol. 3, Issue 09, Nov. 2015 ISSN (online): 2321-0613	2.39
2	Blood Cell Segmentation and Counting : A survey	Lata Bhavnani U.K. Jaliya M. J. Joshi	International Journal of Innovative and Emerging Research in Engineering Volume 2, Issue 11, Nov. 2015, pp. 96-102, e-ISSN: 2394 – 3343, p-ISSN: 2394 – 5496	2.009
3	A Survey Paper on Detection and Classification of Leaf Diseases in Plants	Bhavika N. Patel U. K. Jaliya K. N. Brahmbhatt	International Journal of Innovative and Emerging Research in Engineering Volume 2, Issue 12, Dec. 2015, pp. 96-102, e-ISSN: 2394 – 3343, p-ISSN: 2394 – 5496	2.009

4	Raw EEG-based Fatigue and Drowsiness Detection: A Review	Dhavalkumar H Joshi Mr.U.K.Jaliya Dr. D.G.Thakore	International Institute for Technological Research & Development	
5	Mobile Ad-hoc Networking with AODV : A Review	Rutvij jhaveri & N M Patel	International journal of Next-Generation Computing, Vol 6, no 3, November 2015	
6	Object Detection Methods: A review	Rutvi modi, N M Patel & Mefuza Holia	ICWSTCSC-2016, BVM Engg College	
7	Survey on Multiple Shadow Detection and Removal Techniques	Vihangi Patel, Dr. D G Thakore, M. J. Joshi	IJIERE – International Journal of Innovative and Emerging Research in Engineering, VOLUME 2, ISSUE 12, Dec 2015	2.009
8	A survey : Negotiated AODV – based mobile adhoc network due to black hole attack and its solution	Shewaramani Jitendrakumar G, Swadas Prashant B., Prajapati Nilesh B.	IJSRRET – International journal of scientific review and research in engineering and technology	
9	A Survey on Refinement of Reliability by Improving Reliability Estimation Tool	Mohit Surti, B.A.Tanawala, P.B.Swadas	International Institution for Technological Research and Development Volume 1, Issue 1, Dec-2015	
10	Improved Software Cost Estimation Scenario using WBS with COCOMO II – A Review	Divyajit Damor, Bhavesh Tanawala	International Institution for Technological Research and Development Volume 1, Issue 1, Dec-2015	

	PRODUCTION DEPT.			
1	Empirical Modeling of Cylindricity in turning Operation of 20 MnCR5 using Response Surface Method	Prof. Hiren Pal Prof. B.S.Patel Prof. Jayesh Koisha	International Journal of Advance Research in Engineering Science and Technology (IJAREST), Vol. 02 Issue11, Dec. 2015, ISSN(Online): 2393-9877, ISSN (Print) : 2394-2444	2.125

	STRUCTURAL DEPT.			
1	High Strength Concrete using Industrial Waste and by products	Dr. B. K. Shah	5 th Structural Engineers World Congress 2015 during 19-22 October, 2015 @ Singapore	
2	Rational Approach for concrete mix proportioning			

3	Study on Engineering and Durability properties of recycled aggregate concrete incorporated with silica fume and mineral quartz	Dr. I. N. Patel	2 nd R N Raikar Memorial & Banthia-Basheer International Conference 18-19 th December 2015	
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MECHANICAL DEPT.				
1	Empirical Modelling of Cylindricity in turning operation of 20MNCr5 using response surface method	Prof. B.S. Patel	International Journal of Advance Research in Engineering Science and Technology (IJAREST), Vol. 02 Issue 11, Dec. 2015, ISSN(Online): 2393-9877, ISSN (Print) : 2394-2444	2.125
2	A Literature Review on Design of CNC Machine Tool Structure	Dr. H.P. Patolia	International Journal of Science & Technology, Vol. III Issue X, Oct. 2015, ISSN: 2321-919X, page no.144-146	1.002 (IIFS)
3	A Literature Review on Design of CNC Machine Tool Structure	Prof. Alpesh Damor	International Journal of Science & Technology, Vol. III Issue X, Oct. 2015, ISSN: 2321-919X, page no.144-146	1.002 (IIFS)
4	Empirical Modelling of Cylindricity in turning operation of 20MNCr5 using response surface method	Prof. J.R. Koisha	International Journal of Advance Research in Engineering Science and Technology (IJAREST), Vol. 02 Issue 11, Dec. 2015, ISSN(Online): 2393-9877, ISSN (Print) : 2394-2444	2.125

MATHEMATICS				
1	A Summation-Integral type modification of Sz ^{\{a\}} – Mirakjan-Stancu operators	Vishnu Narayan Mishra, R.B.Gandhi	Presented the paper in International Conference on FUNCTION SPACES & INEQUALITIES organized by the South Asian University from December 8 – 12, 2015.	

2	Combined Effect of Surface Roughness and Deformation on the Performance of a Ferrofluid Based Squeeze Film in Rough Porous Circular Plates with Porous Matrix of Variable Thickness	Dr M E Shimpi Dr G M Deheri	Elixir International Journal Elixir Applied Mathematics 89I, (2015), with ISSN 2229-712X	5.525
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ELECTRONICS				
1	Multiview Image Registration	Dr. Mehfuza Holia	ICTIS-2015 Springer Publication (SIST)-Nov 28-29, 2015. Ahmedabad, India.	NA
2	Effectiveness of Transport layer Protocols in congestion less and congested scenarios	Ms Kaushika Patel Dr J M Rathod	International Journal of Advance Research in Engineering, Science & Technology(IJAREST)Volume 2, Issue 10, October-2015	2.125
3	A Survey on TCP in VANET: Architecture, Issues	Ms Kaushika Patel Miss Alpa Barad	International Journal of Research in Advance Engineering, (IJRAE) Vol. 1, Issue 11, Nov-2015	NA
4	TCP in MANET : Challenges and Solutions	Ms Kaushika Patel Miss Nayana Ram	International journal of Innovative Research in Science Engineering and Technology Volume 4; Issue 12, December 2015	NA

The report was noted and approved.

15.3.7 Report the Training Programs / Workshops / Expert Lectures organized by the college during **01.10.15 to 31.12.15:**

Sr. No	Topic	Cordinator(s) / Invited Expert	Dept.	Date	Remarks
1	Working in the field of Structural Engineering, at BVM	Dr. A. K. Verma, Prof. V. B. Patel	Expert Talk	01.10.15	
2	Sustainable development of villages under Vishwakarma yojana:Phase III, at BVM	Dr. I. N. Patel	Workshop	03.10.15	
3	One day Workshop on Latex and AVR development board on 8 th October,2015 under IE and BVM	Dr. Mehfuza Holia, Prof. M.M.Solanki	Electronics	08.10.15	

4	Expert talk on Challenges in Materials Joining	Dr. Amit M Trivedi	IIW Baroda Ahmedabad Management Association	10.10.15	
5	Expert talk on “ Image Registration” IEEE SPS	Dr. Mehfuza Holia	EC Dept., GCET	19.10.15	
6	PCB Design under Pratham Student Chapter	Prof. Chetan J. Jayaswal	Electronics	28.10.15	
7	Expert lecture on Security in Mobile Communication	Prof.P B Swadas	Computer	30.11.15	IT Dept, BVM
8	One Week STTP on Advanced Microcontrollers and Applications	Prof. Dharita K Patel Prof. Dipan A Parikh	Electrical	07.12.15 to 11.12.15	
9	Expert lecture on Computer Ergonomics	Prof.P B Swadas	Computer	18.12.15	GCET- Chemical dept.
10	Two day Workshop on “ Matlab, Toolboxes and Applications	Dr. Mehfuza Holia, Prof. Kirti Sharma	Electronics & Computer	30.12.15 & 31.12.15	
11	Expert Talk on Challenges in Materials Joining	Dr. Amit M Trivedi	Mechanical Dept., PDP, Gandhinagar	02.12.15	

The report was noted and approved.

15.3.8 For information: Study Tours (Technical) for students arranged by the college during **01.10.15 to 31.12.15 :**

Sr. No	Date	Place of visit	Dept.
1	16.12.2015	Extension of BVM Library, V. V. Nagar Extension of workshop, BVM	Structural & Civil
2	08.10.2015	Sardar Sarovar, Narmada Nigam Ltd., Kevadiya colony, Narmada Dam, Hydraulic Power Plant.(65 - Students)	Mechanical
3	13.10.2015	ERDA, Vadodara	Electrical
4	14.10.2015	Kakrapar Atomic Power Station, Vyara, Surat	Electrical

The report was noted and approved.

TEQIP-II PROJECT (01.10.15 to 31.12.15)

15.3.9 To take note of followings:

- NPIU released central share of Rs. 150 Lacs for the fourth instalment of funds on 22-09-2015 to SPFU(CTE Office) . Subsequently, Rs. 200 Lacs were released by CTE, Gujarat, vide CTE letter dated 28-10-2015. The amount was deposited in the bank account on 17/11/2015, totalling received fund amount as Rs. 800 Lacs.

- A request for releasing 5th and final instalment of Rs. 2 Crores have been sent to SPFU vide letter dated 02-01-2016.
- ii. Dr. H. V. Trivedi visited BVM for third round of mentoring for TEQIP-II on 26th & 27th October, 2015. The report is enclosed.
 - Actions to be taken on the cited observations have been decided and assigned for accomplishment.
 - iii. Electrical Engineering Department organized STTP on "*Advanced Microcontrollers and Applications*" during 07th to 11th December, 2015.
 - iv. Electronics department to organize STTP on "*Electronics Design Automation Tools*" during 04th to 08th January, 2016.
 - v. Computer department to organize STTP on "*Embedded Systems & Internet of Things*" during 04th to 08th January, 2016.
 - vi. The institute to organize International Conference on "*Women in Science & Technology: Creating Sustainable Career*" during 28th to 30th January, 2016.
 - vii. Regarding Payment to suppliers for procurement: Only 90% to be paid on delivery / installation and remaining 10% to be paid only after satisfactory operation and functioning of the equipments/tools with formal approval from concerned package officer and Head of the Department.
 - viii. All HoDs and AO (Mr. Pinakin) are instructed to get insurance of all new equipments purchased under TEQIP-II as soon as possible after satisfactory installation.
 - ix. B V M participated in a survey organized by NPIU on the activities under Environment Management Framework.
 - x. Information of students for survey for TEQIP-II tracer study, asked by NPIU had been sent.
 - xi. PMSS software for procurement was not properly functioning during September, 2015. Subsequently, it has not been functional since October, 2015. The NPIU conveyed to all SPFU, participating TEQIP – II institutes and also to MHRD & World Bank about PMSS issues vide email dated 12th October, 2015. Later, through another email from NPIU, dated 19th November, 2015, all institutes were advised to carry out manual operations for Procurement till 31st December 2015. It specified that it was an interim arrangement only and once the issue with PMSS getting resolved, the Project institutions and SPFUs will have to mandatorily enter the data into the PMSS Software for the manual Procurement carried out till 31st December 2015. The PMSS Software is not functional till date.
 - xii. GTU Innovation Sankul, V.V.Nagar Zone - I and Industry Institute Interaction Cell of BVM Engineering College organized a poster fair on 9th October, 2015, showcasing about 150 posters of final year IDP/UDP projects. Mr. Nileshbhai Patel and Shri Pareshbhai Shah of GIDC, Vitthal Udyognagar motivated students for their work during inaugural function.
 - The posters were evaluated by experts from industries and academia and students were given feedback/inputs for betterment. Three ranks from each department based on experts' evaluation were awarded prizes from BVM alumni.

The above points were noted.

15.3.10 To Approve the followings:

(i) Revised procurement plan, present status, cost and expenditure, Table 31 of IDP as per following status distribution as on 31-12-2015:

- (a) Completed Packages with 100% payment done
- (b) Packages in GRN with 90% payment done
- (c) Packages in GRN (PO released / Contracts awarded but 0% payment done)
- (d) Packages –At Evaluation Stage
- (e) Packages - Quotation Opening (Invitations are dispatched)
- (f) Packages – For Invitation
- (g) Packages – To initiate
- (h) Packages – To cancel

(ii) Revised perform

- Procurement Claim Form / GRN (90%)
- Procurement Claim Form / Completion (remaining of 10%)
- Procurement Approval Form / (Specification and Cost Est. / Justification / Distribution and Physical Locations)

(iii) All expenses and Financial Monthly Reports (FMRs) for the months of October, November, December, 2015

(iv) Participation of Faculty members in various events like Conferences/ Seminars/ training programmes/ capacity enhancement programmes and paper publications under TEQIP-II.

(v) Proposed Norms for International Travel under TEQIP-II

- Travel outside the country – allowance for travelling abroad for all the employees will be as under, considering currency conversion rate as per Reserve Bank of India on the actual day of currency conversion.

A	60 \$ per day (D.A)	Only for conference days + 2 days travelling
B	60\$ per day or actual expense, whichever is less (for stay)	Only for conference days

- Reference: The document of “Rules for TA/DA for travel in India for TEQIP activity” from website of “Institute of Science and Technology, Jawaharlal Nehru Technological University, Hyderabad by Office Order dated 20.11.13 by Director of the Institute, for visit of faculty to foreign countries under TEQIP project.

The above points were noted and approved.

The meeting ended with vote of thanks to the Chair.

(Dr. F. S. Umrigar)
PRINCIPAL & MEMBER SECRETARY
BIRLA VISHVAKARMA MAHAVIDYALAYA

No.F/BM/108/2015.3

Date 24.02.16

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