

10.02.15

A copy of the Minutes of the Board of Governors meeting 2014.3 (GIA & SF) held on 23.12.14 is enclosed here with for reference and taking necessary actions where ever required by the concerned Head/office Adm. Staff.

Copy to : All Head of Departments for information and n/a.

Dr. B. R. Parekh / Dr. N. G. Mishra	Head, Electrical Engg. Dept.
Dr. A. K. Verma	- Head, Structural Engg. Dept.
Dr. D. G. Thakore	- Head, Computer & TEQIP Coordinator
Dr. A. M. Trivedi	- Head, Production Engg. Dept.
Dr. P. M. George	- Head, Mechanical Engg. Dept.
Dr. Mrs. T. A. Desai	- Head, Mathematics Dept.
Dr. L. B. Zala	- Head, Civil Engg. Dept.
Dr. T. D. Pawar	- Head, Electronics
Prof. Ms. Z. H. Shah	- Head, IT Dept.
Dr. B. C. Goradiya	- Head, ET Dept.
Shri G. C. Patel	- Head Clerk (office)
Shri Mitang Patel / Ankit Patel	- Clerk, SF (")
Ms. Kinjal Mistry / Dr. V. G. ...	- Clerk, TEQIP Office

Encl : As above

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

Minutes of the 2014.3 meeting of the Board of Governors of Birla Vishvakarma Mahavidyalaya held on Tuesday, 23rd December, 2014 at 4.00 p.m. in the Committee Room, near Principal's office at Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar.

The following members were present :

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|-----------------------------|---|--|
| 1. Dr. C. L. Patel | - | Hon. Chairman, CVM & BVM BoG |
| 2. Prin. S. M. Patel | - | Hon. Secretary, CVM(Nominee of CVM) |
| 3. Er. Surendrabhai M Patel | - | President, Charusat Univ., Changa (Nominee of CVM) |
| 4. Er. V.C.Patel | - | Hon. Chairman, CGSM (Nominee of CVM) |
| 5. Prof. K. R. Trivedi | - | Head, RKP Arts & Sci. College (Nominee, Gujarat Govt.) |
| 6. Er. Jagdishbhai I. Patel | - | President, VUIA, V.U.Nagar, (Nominee of CVM) |
| 7. Dr. F. S. Umrigar | - | Principal & Member Secretary, BoG |
| 8. Dr. A. M. Trivedi | - | Prof. & Head, Prod. Dept. (Nominee of CVM Gov. Body) |
| 9. Dr. J. D. Patel | - | Hon. I/c. Secretary, CVM |
| 10. Er. V. M. Patel | - | Hon. Jt. Secretary, CVM |
| 11. Prin. R. C. Desai | - | Hon. Jt. Secretary, CVM |
| 12. Er. Mayurbhai J Patel | - | Hon. Jt. Secretary, CVM |
| 13. Dr. R.K.Jain | - | Principal, ADIT |
| 14. Dr. Shefali Singhal | - | Principal, MBICT |
| 15. Dr. D. G. Thakore | - | Head, Computer & TEQIP Coordinator |
| 16. Dr. B.R.Parekh | - | Head, Electrical Dept. |
| 17. Dr. A.K.Verma | - | Head, Structural Dept. |
| 18. Dr. L.B.Zala | - | Head, Civil Dept. |
| 19. Dr. P.M. George | - | Head, Mechanical Dept. |
| 20. Dr. T.D.Pawar | - | Head, Electronics Dept. |
| 21. Dr. T.A.Desai | - | Head, Maths Dept. |
| 22. Prof. Z.H.Shah | - | Head, IT Dept. |
| 23. Dr. B. C. Goradia | - | Head, ET Dept. |
| 24. Dr. Indrajit N. Patel | - | Prof. in Charge, Library |

The following members conveyed their inability to attend the meeting.

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|---------------------------|---|--|
| 1. Er. Prayasvin B Patel | - | Chairman & MD, Elecon Group of Companies & President CVM |
| 2. Er. P.H.Rana | - | Ex-Director, Technical, GSECL, Vadodara |
| 3. Prof. N.R.Dave | - | Educationist from the Region |
| 4. Dr. Akshai Aggarwal | - | Hon. Vice Chancellor, GTU |
| 5. Dr. Bakul Dholakia | - | Ex-Director, IIM(Educationist from the Region) |
| 6. Prof. Usha Neelkanthan | - | Rep. of CTE, Gandhinagar & SPFU Coordinator |
| 7. Er. B. M. Vyas | - | BMV Consultant, (Nominee of CVM) |
| 8. Dr. H. V. Trivedi | - | Special Invitee, BVM Mentor – TEQIP-II Project |
| 9. Prof. P. B. Swadas | - | Asso. Prof. Computer (Nominee of CVM Gov. Body) |
| 10. Dr. Himanshu B Soni | - | Principal, GCET |
| 11. Prof. K.M.Makwana | - | Principal, BBIT |
| 12. Dr. P.M.Udani | - | Director, ISTAR |

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

Opening Remarks by the Hon. Chairman :

1. Research Work by all senior faculty of all departments should be done. The faculty with Ph.D. degree should contribute maximum and train the junior faculty of department. All Ph. D. Faculty should publish atleast 2 papers per semester.
2. All Admin. Expenses should be curtailed. All Head of Departments, Faculty members should try at the best to reduce the electricity consumption. The electricity should be switched off if not required. Electrical department should continuously monitor the Electrical power consumption in all departments and campus to conserve the energy.
3. Visit to IIT's should be arranged for development of other required laboratories, under TEQIP/KITE project with IIT, Gandhinagar. Dr. N. G. Mishra will Co-ordinate with all Head of Departments.
4. All projects should be guided by faculty members only, as per requirement of GTU for 7th & 8th Semester students. Academic Mentor (Int. Faculty) can discuss in detail with Industry Expert to have most fruitful project and regularly visit concerned Industry for effective interaction.
5. Prof. P. B. Swadas, Asso. Professor in Computer Engineering Department will work as Training & Placement Officer in place of Dr. N. M. Patel, Asso. Professor in Computer Dept. in addition to his regular duty.
6. One Centre for 4 colleges should be developed for GRE Training. Faculty from H. M. Patel (TOFEL) can be invited as experts. Dr. Patolia, Asso. Professor, Mechanical Dept. and Convener, Higher Education & Competitive Exam Course will coordinate with other colleges.
7. All departments should organize certificate course in respective discipline during Vacation Period, so that well equipped Laboratories of the college can be utilized.
8. All GIA faculties eligible for Ph.D. should register for Part Time Ph.D. programme at the earliest.
9. Project of Rs. 3.00 Crores (Estimated cost) for Renovation of Workshop Building – 21142 Sq.ft. area (GF + FF) at BVM. Dr. I. N. Patel will coordinate with Er. V. M. Patel sir and finalize the plan.
10. For RPTP (12th Science Student) Toppers (First 20) Scholarship of Rs. 10000/- per year can be given to GIA students (Admitted at BVM).
11. With the support of Er. Mayurbhai J. Patel, Hon. Jt. Secretary, CVM, Relay Testing at Electrical Engineering Department should be done by Electrical Department.
12. TV Repairing Classes should be organized during vacation by Electronics Department.
13. All the departments should make maximum efforts to increase Testing and Consultancy work.

14. Trainee Lecturer (Re-designated as Asst. Professor) in each SFI departments should be upto 10% only. Prof. Zankhana Shah will complete her Ph.D. by September, 2015.
15. Atleast One Expert Lecture (Academic/Industry) per month should be arranged in each department.
16. Library Missing books, recovery from Librarian should be done.

BUSINESS

- 14.3.1 To confirm the minutes of the 2014.2 meeting of the Board of Governors held on 26.09.14.

The minutes were confirmed.

- 14.3.2 To report the Government of Gujarat resolution No. STT/i02013-831015-Gh dated 30.09.14 regarding implementation of Career Advancement Scheme (CAS) for teaching staff of Degree Level Engineering colleges. Internal Quality Assurance cell should also be formed.

The report was noted.

- 14.3.3 For information: The results of the Summer - 2014 examination of Gujarat Technological University held in May 2014 :

	Discipline (007)	Result in Percentage (%)							
		2 nd Sem.		4 th Sem.		6 th Sem.		8 th Sem.	
		SPFU	BVM	GTU	BVM	GTU	BVM	GTU	BVM
1	Civil	77.77	89.43	37.57	71.14	58.51	70.59	83.14	85.06
2	Computer	81.29	85.45	54.89	73.97	68.18	82.67	92.98	98.70
3	Electrical	78.20	92.30	50.81	90.79	58.14	77.92	87.91	96.25
4	Electronics	85.07	85.07	56.94	79.35	70.44	86.60	78.48	92.78
5	Mechanical	83.29	95.45	49.97	90.35	65.31	98.23	87.80	93.04
6	Production	60.94	82.76	48.54	70.97	62.25	89.19	94.80	94.74
	Average		89.46		79.81		82.97		91.91

		2 nd Sem.		4 th Sem.		6 th Sem.		8 th Sem.	
		GTU	BVM	GTU	BVM	GTU	BVM	GTU	BVM
7	PDDC Mechanical	33.06	52.94	64.29	44.44	53.45	60.87	84.48	95.45

The report was noted.

- 14.3.4 To consider letter No.PARACH/102011/1259/S dated 28.11.14 from Education Department regarding nomination of State Government on BVM Board of Governors constituted in July, 2014. The details are as below :

Prof. Kalpeshkumar Rohitkumar Trivedi
Head & Associate Professor
Shri R. K. Parikh Arts & Science College
PETLAD, Dist. Anand.

Letter from Education Dept. and appropriate action was noted.

- 14.3.5 To consider the Physical Verification report of the Library Stock taken during July 2013 to June, 2014 submitted by the Librarian.

The report was noted. The Board resolved that the number of books found missing (18 Books) as per Annexure I and No. of books torn (40 Books) as per Annexure II be written off as per rules.

Further, the details of fine collected should be mentioned in each Library report with prescribed duration. Appropriate action to reduce the number of missing books should be taken by Librarian.

Recovery from Librarian towards missing book (18 Nos) should be done.

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

1. Approval of Government of Gujarat Resolution No. KHRCH/2002/57/(Part-2)Z.1 dated 20.10.14 regarding following revision of Fix Pay for Class III & IV for Five Years Fix Pay direct appointment with effect from 01.10.14 to 09 Class III and 15 Class IV Daily wagers :

No.	Existing Fix Pay as per GR dated 06.10.11	Revision of Fix Pay as per GR dated 20.10.14	Category
1	Rs. 4500/-	Rs. 7100/-	Class IV
2	Rs. 5300/-	Rs. 7800/-	Class III

2. 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.	Dr. D. S. Vyas	16.01.15	14.02.15	Half Pay 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 his retirement benefit etc. will be at his own risk.

3. Maternity Leave of Mrs. Purvi D. Chauhan, Asst. Professor in Production Engineering Department from 01.12.14 to 29.05.15 (180 Days) was approved vide CVM letter No.F/PDC/P/1519 dated 02.12.14, as per Government Notification dated 13.11.14.

Actions taken by the Hon. Chairman were noted.

- 14.3.5 For information :

1. Dr. F. S. Umrigar, Principal participated TEQIP-II Workshop on Good Governance, Leadership and Management at New Delhi along with Er. P. H. Rana, Member, Board of Governors on 16-17 October, 2014.

2. Dr. F. S. Umrigar, Principal, participated (as GTU VC Nominee) in Selection Process for the various teaching positions at Ipcowala College of Engineering & Technology, Dharmaj on 23.11.14.
3. The following faculty members completed their Ph.D. degree programme as per the following details:

Sr. No	Name & Designation	Department	Degree Obtained	University	Date of Completion
1	Prof. H. V. Patel Assoc. Professor	Civil	Ph.D.	S. P. Uni. V.V.Nagar	15.10.14
2	Prof. N. G. Mishra Assoc. Professor	Electrical	Ph.D.	S. P. Uni. V.V.Nagar	14.11.14

4. Letter No.DTE/Hisab/Pension/27590 dated 18.11.14 received from DTE Office, Gandhinagar regarding submission of revised pension of Retired Faculty members as per AICTE Pay Scale in the prescribed format Annexure – 2.. The cases for retired faculty were submitted to DTE Office.
5. Letter No. DTE/Uch.P.Dho/2014/Gh-11/27550 dated 18.11.14 granting approval to **Second Higher Pay Scale (GP)** as per Col. 6 to the following non teaching (Class IV) staff members:

No	Name & Designation	Present Pay Scale & GP	Date of approval of 1 st Higher Scale	2 nd Higher Pay Scale (GP) eligible	Date of Approval of 2 nd Higher Scale (GP)
1	2	3	4	5	6
1	Shri M. J. Parmar Hamal	4440-7440 GP – 1400	20.08.1991	4440-7440 GP-1650	02.08.2006
2	Shri Arvind J. Parmar Hamal	4440-7440 GP – 1400	31.08.1992	4440-7440 GP-1650	31.08.2007
3	Shri Francis P. Parmar Hamal	4440-7440 GP – 1400	13.12.1993	4440-7440 GP-1650	13.12.2008
4	Shri John M. Parmar Hamal	4440-7440 GP – 1400	23.03.1994	4440-7440 GP-1650	23.03.2009
5	Shri R. P. Makwana Hamal	4440-7440 GP – 1400	01.02.1995	4440-7440 GP-1650	01.02.2010
6	Shri S. H. Vasava Hamal	4440-7440 GP – 1400	01.02.1995	4440-7440 GP-1650	01.02.2010
7	Shri S. M. Parmar Hamal	4440-7440 GP – 1400	01.05.1998	4440-7440 GP-1650	01.05.2013
8	Shri Shriram J. Yadav Hamal	4440-7440 GP – 1400	01.05.1998	4440-7440 GP-1650	01.05.2013

6. Following members were relieved due to retirement on the date mentioned against their name :

Sr. No.	Name & Designation	Date of Birth	Date of Appointment	Date of Superannuation	Date of Retirement as per GR / Relieved
TEACHING					
1	Dr. H. J. Dalwadi Professor in Civil Dept.	7.11.52	07.10.81	6.11.14	30.11.14/ 01.12.14 BOH
NON TEACHING					
1.	Shri K. P. Chauhan Fitter, Workshop	04.08.56	30.07.86	03.08.14	31.08.14/ 31.08.14 AOH
2	Shri N. R. Mistry Carpenter	10.09.56	01.10.77	09.09.14	30.09.14 / 30.09.14 AOH

7. Progress report received from following faculty member(s) pursuing Ph.D.

No.	Name of Faculty	Dept.	Pursuing Ph.D. at	Date of Joining	Date of submission
1	Prof. R. P. Mehta	Electrical	IIT, B'bay	15.07.2013	Dec. 2014

The report was noted and approved.

- 14.3.6 The following faculty members were deputed for participating in various short term training program (STTP) / Workshop / Seminar & Conferences during **01.09.14 to 30.11.14**:

Sr. No	Name of the Staff Member	Period	Topic & Place of Attending the STTP/Seminar/Workshop/Conference
CIVIL DEPARTMENT			
1	Prof. A .N. Bhavsar	25.09.14 to 26.09.14	Workshop on Detection and mapping of underground utilities (subsurface utility Engg.) as OASIS, Mumbai
2	Prof. H. J. Chauhan	25.09.14 to 26.09.14	Workshop on Detection and mapping of underground utilities (subsurface utility Engg.) as OASIS, Mumbai
3	Prof. R. L. Patel	11.10.14	Workshop on Working Women in Technical Education, BBIT, V. V. Nagar
4	Prof. Ms. N. R. Patel	11.10.14	Workshop on Working Women in Technical Education, BBIT, V. V. Nagar
		10.11.14 to 21.11.14	STC on Advances in Civil Engg. & Allied Disciplines at NITTTR, Bhopal
5	Dr. S. D. Dhiman	10.11.14 to 21.11.14	STC on Advances in Civil Engg. & Allied Disciplines at NITTTR, Bhopal
6	Prof. C. B. Mishra	17.11.14 to 21.11.14	Ground Improvement Techniques and Soil Structure Interaction (GITSSI) at BVM Engg. College, VVN
7	Prof. P. J. Shah		
8	Prof. N. F. Umrigar		
9	Prof. Amit A Amin		
10	Prof. H. J. Chauhan	17.11.14 to 21.11.14	Ground Improvement Techniques and Soil Structure Interaction (GITSSI) at BVM Engg. College, VVN
		24.11.14 to 05.12.14	Satellite Image Processing : Basic to Advanced at IIT, Bombay

	COMPUTER DEPT.		
1	Dr. M. M. Vegad	09.09.14 to 11.09.14	Workshop on Quality Initiatives in Tech. & Higher Edu. Institutes (in compliance with NBA & NAAC Accreditation) at ESCI, Hyderabad
2	Prof. M. I. Hasan	19.09.14 to 20.09.14	Workshop on Counseling services at IIT, G'nagar
3	Dr. N. M. Patel	22.09.14 to 27.09.14	Training on Management Capacity Enhancement for Administrators at IIM, Udaipur
4	Prof. P. B. Swadas	29.09.14	TEQIP-II Regional Workshop for Student Faculty and Non Teaching Staff Satisfaction Survey at COEP, Pune
5	Prof. S. A. Bakhru	28.10.14 to 30.10.14	FDP to Build Capacity of Fac. Members for Teaching Design Engg. In 3 rd Sem and Teaching IDP/UDP in 7 th Sem. At GTU
		21.11.14 to 22.11.14	Workshop on Development of Policy Framework for Innovation, Student Entrepreneurship at IPR, G'nagar

	ELECTRICAL DEPT.		
1	Prof. J. K. Chauhan	19.09.14 to 20.09.14	Workshop on Counseling services at IIT, G'nagar
		28.10.14 to 30.10.14	FDP to Build Capacity of Fac. Members for Teaching Design Engg. In 3 rd sem. And Teaching IDP/UDP in 7 th Sem at GTU

	ELECTRONICS DEPT.		
1	Prof. M. P. Prajapati	01.09.14 to 12.09.14	STTP on Induction Phase – II at NITTTR Ext. Centre, Ahmedabad
2	Dr. J. M. Rathod	20.09.14	Workshop on Right to Information Act. (RTI Act) at IIT, G'nagar
3	Prof. P. H. Panchal	22.09.14	STTP on Virtual Instrumentation and Circuit Simulation using Labview & Multisim at NITTTR, Bhopal
4	Prof. Ms. K. D. Patel	22.09.14 to 26.09.14	STC on Linux Server Administration : DCA-07 at NITTTR, Bhopal
5	Dr. J. M. Rathod	23.09.14	Workshop on Right to Information Act – 2005 at IIT, Gandhinagar

6	Prof. M. H. Holia	11.10.14	Workshop on Working Women in Technical Education, BBIT, V. V. Nagar
7	Prof. Anita Bhatt	28.10.14 to 30.10.14	FDP to Build Capacity of Fac. Members for Teaching Design Engg. In 3 rd Sem and Teaching IDP/UDP in 7 th Sem. At GTU
8	Prof. Sneha Raval	28.10.14 to 30.10.14	FDP to Build Capacity of Fac. Members for Teaching Design Engg. In 3 rd Sem and Teaching IDP/UDP in 7 th Sem. At GTU

MECHANICAL DEPT.			
1	Dr. H. P. Patolia	09.09.14 to 11.09.14	Workshop on Quality Initiatives in Tech. & Higher Edu. Institutes (in compliance with NBA & NAAC Accreditation) at ESCI, Hyderabad
		29.09.14	TEQIP-II Regional Workshop for Student Faculty and Non Teaching Staff Satisfaction Survey at COEP, Pune
2	Prof. Pinkal Chokshi	10.10.14 to 11.10.14	Workshop on Teaching Fluid Mechanics at IIT, G'nagar
3	Prof. J. N. Jain	28.10.14 to 30.10.14	FDP to Build Capacity of Fac. Members for Teaching Design Engg. In 3 rd Sem and Teaching IDP/UDP in 7 th Sem. At GTU
		21.11.14 to 22.11.14	Workshop on Development of Policy Framework for Innovation, Student Entrepreneurship at IPR, G'nagar.
4	Prof. B. S. Patel	24.11.14 to 25.11.14	Intl. Industrial Exhibition – The Big Show, Rajkot

PRODUCTION DEPT.			
1	Prof. H. S. Berawala	05.09.14 to 06.09.14	National level competition on Patent Track – 2014 at GTU, A'bad.
2	Prof. R. S. Barot	17.11.14 to 28.11.14	Quality Management Systems TQM, Six Sigma, Kaizen, 5S and 4P at NITTTR, Bhopal
3	Dr. A. M. Trivedi	24.11.14 to 25.11.14	Intl. Industrial Exhibition – The Big Show, Rajkot
4	Prof. H. S. Berawala	24.11.14 to 25.11.14	Intl. Industrial Exhibition – The Big Show, Rajkot

MATHEMATICS DEPT.			
1	Prof. R. B. Gandhi	19.09.14 to 20.09.14	Workshop on Counseling services at IIT, G'nagar
2	Dr. M. E. Shimpi	22.09.14 to 27.09.14	Program on Management Capacity Enhancement at IIM, Udaipur
STRUCTURAL DEPT.			
1	Prof. Vishal Arekar	05.09.14 to 06.09.14	National level competition on Patent Track – 2014 at GTU, A'bad.
2	Dr. I. N. Patel	20.09.14	Workshop on Right to Information Act. (RTI Act) at IIT, G'nagar

NON TEACHING (Admin Staff)

Sr. No	Name of the Staff Member	Period	Topic & Place of Attending the STTP/Seminar/Workshop/Conference
1	Shri R H Mankad	20.09.14	Workshop on Right to Information Act. (RTI Act) at IIT, G'nagar
2	Shri J. D. Patel	13.10.14 to 14.10.14	Workshop on Mod. of Library Services in Engineering Colleges at IIT, Gandhinagar
		18.10.14 to 20.10.14	Intl. Conf. on Library Space & Content Management for Networked Society at DVK Central Library, Bangalore

The report was noted and approved.

14.3.7 For information : Paper Presentation / Publication at International / National / Workshops / Seminars etc. by the Staff members during **01.09.14 to 30.11.14** :

A. INTERNATIONAL LEVEL :

Sl. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.
CIVIL DEPT.			
1	Investigation of the impact of zycosoil chemical additive on polymer modified bitumen mix	Bala Raju Teppala Prof. C. B. Mishra	International Journal of latest technology in Engg.. Mgt. & Applied Science (ISSN:2278-2540) Sept. 14
2	Performance evaluation of VG 30 paving mix with and without zycosoil chemical additive	Bala Raju Teppala Prof. C. B. Mishra	Intl. Journal of Current Engg. & Tech. (ISSN-2277-4106) Vol 4, 05.10.14
3	Experimental Assessment of crumb rubber modified bitumen mix (CRMB 55) with and without application of nanotechnology additive	Bala Raju Teppala Prof. C. B. Mishra Alok Sinha Dinesh Kmar	Intl. Journal of Innovative research in Science, Engineering and Tech. (ISSN : 2319-8553) Vol. 3, Issue 10 October, 2014 Certificate No. VI10C042
4	Performance of zycosoil-a nano material as an additive with bituminous concrete mix	Tirthakan Dam Vinal Khambhayta Daxes Makwana Bala aju Teppala Prof. C. B. Mishra	Intl. Orgnization of Scientific Research e-ISSN : 2320-334X, Nov. 6 ^h 2014, Vol 11, Issue 6, Ver. 1 (Nov. Dec. 2014)

	COMPUTER DEPT.			Impact Factor
1	Improving HDFS write performance using efficient replica placement	Dr.N.M.Patel M.I.Hasan	Confluence The Next Generation Information Technology Summit (Confluence), 2014 5th International Conference - Noida, India DOI: 10.1109/CONFLUENCE.2014.6949234 IEEE, Pages 36 – 39 978-1-4799-4237-4 25-26 Sept. 2014	
2	Automatic crack detection and Inpainting	Dr.N.M.Patel	International journal of Computer Science Engineering (IJCSE) Vol 3 No 6 ISSN : 2319-7323, Nov 2014	1.251
3	Analysis of optimal carrier sensing range in wireless adhoc networks with order depended capture capability	Dr. M.M.Vegad	Wireless Personal Communications, volume 79, number 2, ISSN:0929-6212, Nov 2014	0.979
4	Case study on Moodle as Academic ERP	Dharmangi Daiya Mosin Hasan Nimisha Ranipa	International Conference on Multidisciplinary Research & Practice Volume I Issue VII IJRSI ISSN	
5	Case study on Moodle as quiz engine	Bhoomika Patel Mosin Hasan Nimisha Ranipa	Volume I Issue VII IJRSI ISSN 2321-2705	0.242

	ELECTRICAL DEPT.			Impact Factor
1	Revisiting Renewable Energy Economics (Plastic Waste to Fuel Conversion Processes)	Prof. J. K. Chauhan	IJSRET at IEERET, 2014 at Suresh Gyan Vihar University, Jaipur, 3-4, Nov. 2014	
2	Understanding of Multimachine Simulation using Simulink Model	Vrutika R. Patel Ashsih R. Patel Dharita K. Patel Prof. J. K. Chauhan	International Journal for Scientific Research and Development (IJSRD) Volume 2, Issue 01, 2014 ISSN(online) : 2321 – 0613	1.26

	PRODUCTION DEPT.			
1	Design Optimization of Feeding System and Solidification simulation for Cast Iron	Harshil Bhatt Rakesh Barot Kamelsh Bhatt Hardik Beravala Jay Shah	2 nd International Conference on Innovations in Automation and Mechatronics Engineering	
	STRUCTURAL DEPT.			
1	Basalt Fibre Reinforced Polymer (BFRP): Effective Replacement of Steel in Reinforced Concrete	Dr. I. N. Patel	5th International Conference On "Architecture, Civil and Environmental Engineering" (ACEE- 2014) held at Jawaharlal Nehru University, New Delhi, 11th and 12th October, 2014.	
2	Effects of Green Supplementary Materials on Engineering Properties of Recycled Aggregate Concrete	Dr. I. N. Patel	5th International Conference On "Architecture, Civil and Environmental Engineering" (ACEE- 2014) held at Jawaharlal Nehru University, New Delhi, 11th and 12th October, 2014.	
3	Study on effect of Nano Materials on different properties of Concrete	Dr. I. N. Patel	5th International Conference On "Architecture, Civil and Environmental Engineering" (ACEE- 2014) held at Jawaharlal Nehru University, New Delhi, 11th and 12th October, 2014.	
4	Review on Effects of Different Supplementary Materials in Geopolymer Concrete	Dr. I. N. Patel	IJREAT - November 2014	

	MECHANICAL DEPT.			
1	Studies on GD&T requirements of CNC cylindrical grinding machine	Dr. P. M. Geroge	International conference at IIT, Gauhati	

	MATHEMATICS			Impact Factor
1	A Study of Magnetic Fluid Based Squeeze Film between a Curved Porous Circular Plate and a Flat Circular Plate with the Effect of Surface Roughness	Dr. M. E. Shimpi	Intl. Journal of Research in Mechanical Engineering, Vol. 2, Issue 5, September-October, 2014 pp 01-10, ISSN Online : 2347-5188	0.82

The report was noted and approved.

14.3.8 Report the Training Programs / Workshops / Expert Lectures organized by the college during 01.09.14 to 30.11.14 :

Sr. No	Topic	Cordinator(s) / Invited Expert	Dept.	Date	Remarks
1	Online conditioning and Monitoring of Electrical Transformer & its Design		Electrical	04.09.14	One Day Workshop
2	Patent Filling Challenges & Related Issues	Prof. A. B. Pandey		26.09.14	Expert Lect.
3	Total Productive Maintenance Application and related issues	L. Ravichandran	Production	27.09.14	Expert Lect.
4	Database System and its application	Prof. Kirti Sharma & Dr. Kamlesh Vaishnav, SEMCOM, V.V. Nagar	Computer	October, 2014	Expert Lect.
5	Intel Graphics	Prof. Kirti Sharma & Er. Jalpa Patel, USA.(BVM Alumni)			
6	Ground Improvement Techniques and Soil Structure Interactions	Dr. A. K. Verma, Dr. I. N. Patel, Prof. B. R. Dalwadi, Dr. D. R. Bhatt, Prof. V. A. Arekar, Prof. V. V. Agrawal	Structural	17.11.14 to 21.11.14	STTP

The report was noted and approved.

14.3.9 For information: Study Tours (Technical) for students arranged by the college during 01.09.14 to 30.11.14 :

Sr. No	Date	Place of visit	Dept.
1	22.09.14	CEPT, Ankleshwar	Civil
2	09.09.14	MGVCL, Karamsad	Electrical
3	11.09.14	MGVCL, Karamsad	
4	11.09.14	Vidya Wires Pvt. Ltd. V. U. Nagar	
5	19.09.14	RTTC, Ahmedabad	Electronics
6	Sep, 2014	RTTC, BSNL, Ahmedabad	Computer
7	19.09.14	Shree Vallabh Alloy Steel Casting	Production
8	26.09.14	Fine Cast Pvt. Ltd.	
9	16.10.14	Elecon Gear Division	
10	20.11.14	Shedhi river	Structural
11	20.11.14	Vatrak River	

The report was noted and approved.

AGENDA for TEQIP-II PROJECT (1.09.14 to 30.11.14)

14.3.10 To take note of

- i. Extension of the project period for TEQIP- II up to October, 2016, as per letter from CPA, NPIU, No. Proc./TQ II/2014/ , dated 30-10-2014
- ii. To note Review of TEQIP-II Performance Audit report along with comments and suggestion as per Annexure – I received from Central Project Advisor, NPIU vide letter No. AC/TEQIP-II/PA/2014-15/732 dated 08.09.14 stating overall rating for the report as “A” – Overall, an excellent audit report.
- iii. Statutory Financial Audited Report by Independent Auditor Ashok Chhajed & Associates for F. Y. 2013-2014
- iv. Second data auditing and performance auditing carried out during 7th to 9th October, 2014 by Dr. B. J. Shah & Prof. B. M. Naik.
- v. Completion of Post procurement review held at NPIU, Noida on 25-11-2014, conducted by M/s Global Procurement Consultants Limited for procurement carried out from first instalment of funds, for randomly selected packages by M/s Global Procurement Consultants Limited on behalf of the World Bank
- vi. MoU between Knowledge Incubation for Technical Education (KITE) Centre, IIT-Gandhinagar and B V M as per directives of MHRD.
- vii. Participation of the Principal and External member BoG, BVM – Er. P. H. Rana in the NPIU organizes workshop on Good Governance, Leadership and Management, held on 16th & 17th October, 2014 at New Delhi.
- viii. STTP organized by Structural Engineering Department on Ground Improvement Techniques and Soil Structure Interaction during 17-21 November, 2014
- ix. Poster presentation fair organized by III cell on 10-10-2014 for show casing the project work of all the 7th Semester B.E. students
- x. STTP to be organized by Computer Engineering Department on Computer Algorithms & Applications during 29th December, 2014 to 2nd January, 2015
- xi. Three days Workshop to be organized on Enhancing Research & Development Activities in Technical Institutions, 26-28 February, 2015.

The report was noted and approved.

- 14.3.11 To consider to permit non-doctoral degree holder faculty members to pursue Ph.D. Program on part time basis at IITs under MoU with BVM.

The report was noted and approved.

14.3.12 To approve -

- i. Continuing of keeping surplus TEQIP-II funds in the Fixed-deposit linked sweep account of Punjab National Bank, Vallabh Vidyanagar Branch instead of at Gujarat State Financial Services(GSFS), despite of being directed through office order of CTE, Gujarat, and subsequent remarks in the internal auditor's report for the F.Y. 2013-14 & email reminder from SPFU, Gujarat.
- ii. Internal & external groups for preparation of Institutional Governance Document, as suggested in the workshop on Good Governance, held at New Delhi.
- iii. Revised purchase committee with retrospective effect from 04-02-2014.
- iv. Appointments of Deans & Associate Deans for various areas effective after approval of BoG for tenure of 3 years
- v. All expenses and Financial Monthly Reports (FMRs) for the months of September, October & November, 2014.
- vi. Forms for
 - a. Procurement administrative approval
 - b. Reimbursement of Ph.D. / M. Tech. fees
 - c. Proposal for arranging Technical tour of students
- vii Extension of bid opening date up to 04.00 p.m., 07.11.14 for the package TEQIP-II/GJ/GJ1G02/167: BVM-Computer Workstations & Servers
- viii The contracts for 3 NCB packages carried out till date
- ix Cancellation of the package TEQIP-II/GJ/GJ1G02/251 (Repairing Work in B Block & Toilet Blocks) after bid opening, lowest bid price was substantially high.
- x Revised Procurement Plan.
- xi Governance Development Plan for the institute
- xii Revision of fixed remuneration of adhoc TEQIP-II support staff as per revised norms of Govt. of Gujarat, with effect from the date of letter.

No.	Existing Fix Pay as per GR dated 06.10.11	Revision of Fix Pay as per GR dated 20.10.14	Category	No. of Staff
1	Rs. 5300/-	Rs. 7800/-	Class III	02
2	Rs. 4500/-	Rs. 7100/-	Class IV	01

- xiii Participation of faculties in Conferences/Seminars/training programmes/capacity enhancement programs and publications

The report was noted and approved.

14.3.13

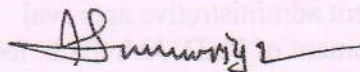
For information : Admissions for the Academic Year 2014-15 (GIA) :

Sr.	Branch	Intake		Repo- rted (ACPC)	TF WS	GN	Total	D2D	D2D TFWS	D2D Total	G. TOTAL
		ACPC	D2D								
1	2	3	4	5	6	7	8	9	10	11	12
1	Civil	120	24	111	6	5	122	25	1	26	148
2	Comp	60	12	52	3	3	58	11	1	12	70
3	Elect.	60	12	53	3	4	60	11	0	11	71
4	Electro.	75	16	60	4	2	66	14	1	15	81
5	Mech.	90	18	76	4	7	87	17	1	18	105
6	Prod.	30	6	30	2	0	32	5	1	6	38
	Total	435	88	382	22	21	425	83	5	88	513

7	PDDC (Mech)	30	0	0	0	0	30	0	0	0	30
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The report was 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/108/2014.3

Date : 22.01.15

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

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

(Self Finance Disciplines)

Minutes of the **2014.3** meeting of the Board of Governors of Birla Vishvakarma Mahavidyalaya held on Tuesday, **23rd December, 2014** at **5.00 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. Surendrabhai M Patel | - | President, Charusat Univ., Changa (Nominee of CVM) |
| 4. Er. V.C.Patel | - | Hon. Chairman, CGSM (Nominee of CVM) |
| 5. Prof. K. R. Trivedi | - | Head, RKP Arts & Sci. College (Nominee, Gujarat Govt.) |
| 6. Er. Jagdishbhai I. Patel | - | President, VUIA, V.U.Nagar, (Nominee of CVM) |
| 7. Dr. F. S. Umrigar | - | Principal & Member Secretary, BoG |
| 8. Dr. A. M. Trivedi | - | Prof. & Head, Prod. Dept. (Nominee of CVM Gov. Body) |
| 9. Dr. J. D. Patel | - | Hon. I/c. Secretary, CVM |
| 10. Er. V. M. Patel | - | Hon. Jt. Secretary, CVM |
| 11. Prin. R. C. Desai | - | Hon. Jt. Secretary, CVM |
| 12. Er. Mayurbhai J Patel | - | Hon. Jt. Secretary, CVM |
| 13. Dr. R.K.Jain | - | Principal, ADIT |
| 14. Dr. Shefali Singhal | - | Principal, MBICT |
| 15. Dr. D. G. Thakore | - | Head, Computer & TEQIP Coordinator |
| 16. Dr. B.R.Parekh | - | Head, Electrical Dept. |
| 17. Dr. A.K.Verma | - | Head, Structural Dept. |
| 18. Dr. L.B.Zala | - | Head, Civil Dept. |
| 19. Dr. P.M. George | - | Head, Mechanical Dept. |
| 20. Dr. T.D.Pawar | - | Head, Electronics Dept. |
| 21. Dr. T.A.Desai | - | Head, Maths Dept. |
| 22. Prof. Z.H.Shah | - | Head, IT Dept. |
| 23. Dr. B. C. Goradia | - | Head, ET Dept. |
| 24. Dr. Indrajit N. Patel | - | Prof. in Charge, Library |

The following members conveyed their inability to attend the meeting.

- | | | |
|---------------------------|---|--|
| 1. Er. Prayasvin B Patel | - | Chairman & MD, Elecon Group of Companies & President CVM |
| 2. Er. P.H.Rana | - | Ex-Director, Technical, GSECL, Vadodara |
| 3. Prof. N.R.Dave | - | Educationist from the Region |
| 4. Dr. Akshai Aggarwal | - | Hon. Vice Chancellor, GTU |
| 5. Dr. Bakul Dholakia | - | Ex-Director, IIM(Educationist from the Region) |
| 6. Prof. Usha Neelkanthan | - | Rep. of CTE, Gandhinagar & SPFU Coordinator |
| 7. Er. B. M. Vyas | - | BMV Consultant, (Nominee of CVM) |
| 8. Dr. H. V. Trivedi | - | Special Invitee, BVM Mentor – TEQIP-II Project |
| 9. Prof. P. B. Swadas | - | Asso. Prof. Computer (Nominee of CVM Gov. Body) |
| 10. Dr. Himanshu B Soni | - | Principal, GCET |

11. Prof. K.M.Makwana - Principal, BBIT
12. Dr. P.M.Udani - Director, ISTAR

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

Opening Remarks by the Hon. Chairman :

1. Research Work by all senior faculty of all departments should be done. The faculty with Ph.D. degree should contribute maximum and train the junior faculty of department. All Ph. D. Faculty should publish atleast 2 papers per semester.
 2. All Admin. Expenses should be curtailed. All Head of Departments, Faculty members should try at the best to reduce the electricity consumption. The switches should be switch off if not required. Electrical department should continuously monitor the Electrical power consumption in all departments and campus to conserve the energy.
 3. All projects should be guided by faculty members only, as per requirement of GTU for 7th & 8th Semester students. Academic Mentor (Int. Faculty) can discuss in detail with Industry Expert to have most fruitful project and regularly visit concerned Industries for effective interaction.
 4. All departments should organize certificate course in respective discipline during Vacation Period, so that well equipped Laboratories of the college can be utilized.
 5. Trainee Lecturer (Re-designated as Asst. Professor) in each SFI departments should be upto 10% only. Prof. Zankhana Shah will complete her Ph.D. by September, 2015.
 6. Atleast One Expert Lecture (Academic/Industry) per month should be arranged in each department.
 7. Library Missing books, recovery from Librarian should be done.
- 14.3.1 To confirm the minutes of the 2014.2 meeting of the Board of Governors held on 26.09.14.

The Minutes were confirmed.

- 14.3.2 To consider the letter No.FRC/Fee/14-17/2014/118 dated 6.11.14 regarding revision of fee structure for the year 2014-15, 2015-16, 2016-17 as below :

Programme	2014-15	2015-16	2016-17
B.E.	Rs. 94000/-	Rs. 99000/-	Rs. 106000/-
M.E.	Rs. 105000/-	Rs.111000/-	Rs. 119000/-

The report was noted and approved.

14.3.3 For information: The results of the Summer-2014 examination of Gujarat Technological University held in May, 2014 :

UNDER GRADUATE (BE)

No	Discipline	Result in Percentage							
		2 nd Sem.		4 th Sem.		6 th Sem.		8 th Sem.	
		GTU	BVM	GTU	BVM	GTU	BVM	GTU	BVM
1	Information Tech.	46.16	67.74	55.58	81.82	82.45	92.21	94.77	96.77
2	Electro. & Tele.	52.27	66.67	58.42	72.41	58.60	75.34	99.24	100.00
3	Mechanical	47.16	100.00	49.97	94.29	Course started from A.Y. 2012-13			
4	Production	77.42	77.42	48.54	66.67				
Average :			74.86		78.46		84.00		98.47

POST GRADUATE (ME)

No	Discipline	Course	Result in Percentage			
			2 nd Sem.		4 th Sem.	
			GTU	BVM	GTU	BVM
1	Civil	M.E. Environmental Engg	67.86	71.43	100.00	100.00
2		M.E. Construction Engg. & Mgt.	88.89	88.89	100.00	100.00
3		M.E. Structural Engg.	51.38	66.67	93.02	100.00
4		M.Tech. Trans. Sys. Engg.	94.12	94.12	100.00	100.00
5	Computer	M.E. Computer Engg.	54.68	73.91	81.33	95.65
6	Electrical	M.E. Power System Engg.	46.12	64.71	72.03	76.47
7	Mechanical	M.E. Machine Design	62.07	83.33	82.86	93.75

14.3.4 To consider the Physical Verification report of the Library Stock taken during April 2013 to March, 2014 submitted by the Librarian.

The report was noted. The Board resolved that the number of books found missing (6 Books) as per details be written off as per rules.

Further, the details of fine collected should be mentioned in each Library report with prescribed duration. Appropriate action to reduce the number of missing books should be taken by Librarian.

Recovery from Librarian towards missing books (6 Nos) should be done.

- 14.3.5 The following faculty members were deputed for participating in various short term training program (STTP) / Workshop / Seminar & Conferences during **01.09.14 to 30.11.14**:

Sr. No	Name of the Staff Member	Period	Topic & Place of Attending the STTP/Seminar/Workshop/Conference
	INFORMATION TECH.		
1	Prof. Z. H. Shah	11.10.14	Workshop on Working Women in Tech. Education at BBIT, V. V. Nagar
2	Prof. Bijal Dalwadi	11.10.14	Workshop on Working Women in Tech. Education at BBIT, V. V. Nagar
		07.11.14 to 08.11.14	Workshop on Computational Complexity at CHARUSAT
3	Prof. Vatsal Shah	07.11.14 to 08.11.14	Workshop on Computational Complexity at CHARUSAT
4	Prof. Vishal Polara	17.11.14 to 19.11.14	FDP on Design Engineering at GTU

	ELECTRO. & TELE.		
1	Prof. Mayur Sevak	06.11.14 to 08.11.14	FDP on Design Engineering at GTU, A'bad
2	Prof. Ripal Patel	19.11.14 to 20.11.14	National Seminar on Computer Vision & Image Processing at SVNIT, Surat

The report was noted and approved.

- 14.3.6 For information : Paper Presentation/Publication at International/National/ Workshops / Seminars etc. by the Staff members during **01.09.14 to 30.11.14** :

A. INTERNATIONAL LEVEL :

Sl. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.	Impact Factor
	ELECTRO. & TELECOM.			
1	Dusk to down sensor based solar power water purification & security systems for swimming pool & small ponds	Prof. D. C. Dalwadi	International journal Electronics & communication Technology (Volume-5, Issue-3) ISSN No.- 2230-7109 Sept.-2014,	2.3
2	Low complexity PAPR reduction technique for coded OFDM system with scrambling approach	Prof. D. C. Dalwadi	International journal on current engineering & technology (Volume-4, Issue-5) ISSN No.- 2277-4106, Oct-2014	2.1

The report was noted and approved.

- 14.3.7 To report the Training Programs / Workshops / Expert Talks / Seminars organized by the college during 01.09.14 to 30.11.14 :

Sr. No	Topic	Co-ordinator (s)	Dept.	Date	Remark
1	INFOBYTES	ISTE Student Chapter	Info. Tech.	04.09.14 to 05.09.14	Tech. Comp.
2	IT Awareness	Mrs. Z. H. Shah		16.09.14	Exp. Talk
3	Augmented Reality	Mrs. Z. H. Shah		20.09.14	
4	Hands on Experience on Routers & Switchers	Mrs. Z. H. Shah Mr. Chintan Mahant		26.09.14	Workshop
5	Linux Installation & Fundamentals	Mr. Vatsal Shah Mr. Kanu Patel		10.10.14	Workshop
6	Project Poster Competition	Mr. Keyur Bhrambhatt		10.10.14	Tech. Comp.

The report was noted and approved.

- 14.3.8 For information: Study Tours (Technical) for students arranged by the college during 01.09.14 to 30.11.14 :

Sr. No	Date	Place of visit	Dept.
1	27.09.14	RTTC, BSNL, Ahmedabad	Info. Tech.

The report was noted and approved.

- 14.3.9 For information : Dr. Indrajit Patel, Professor in Structural Engineering Department of the college will work as Overall Co-ordinator for Self Finance (UG & PG) Courses.

The report was noted and approved.

- 14.3.10 Action taken by the Chairman :

- i) Approval to the selection of the following Adhoc Trainee Lecturer (Re-designated as Asst. Professor) on purely temporary basis in various departments recommended by the Staff Selection Committee held on 19.09.14 and 07.10.14 respectively :

Sr. No	Name	Designation	Department	Fixed Amount Rs. Per month
1	Harsh Patel	Trainee Lect.	Info. Tech.	15000/- p.m.
2	Saurabh Parmar	Trainee Lect.		15000/- p.m.
3	Bhavin Modi	Trainee Lect.	Mechanical	15000/- p.m.
4	Singh Vijaypratap	Trainee Lect.	Mechanical	15000/- p.m.
5	Dr. Manish Mehta	Trainee Lect.	Production	25000/- p.m.

The report was noted and approved.

14.3.11 For information : Admissions for the Academic Year 2014-15 (UG & PG) :

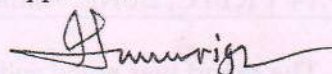
UG-SFI ADMISSION – A.Y. 2014-15

Sr. No.	Branch	INTAKE		MANAGEMENT		AC PC	D2D	TFW	G.N.	Total
		ACPC	D2D	NRI	MGT					
1	2	3	4	5	6	7	8	9	10	11
1	I.T.	60	12	1	14	44	13	3	2	77
2	E.T.	60	12	0	15	34	23	2	0	74
3	MECHANICAL	30	6	5	3	22	7	2	1	40
4	PRODUCTION	30	6	1	6	22	5	2	0	36
	TOTAL	180	36	7	38	122	48	9	3	227

PG-SFI ADMISSION – A.Y. 2014-15

Sr. NO	BRANCH	INTAKE ACPC	MGT SEAT	ACPC SEAT	TOTAL SEAT
1	2	3	4	5	7(4+5)
1	COMPUTER ENGINEERING	25	5	20	25
2	ELECTRICAL ENGINEERING	18	1	15	16
3	MACHINE DESIGN	18	0	18	18
4	TRANSPORTATION ENGINEERING	18	0	18	18
5	CONSTRUCTION ENGINEERING & MGMT.	18	0	18	18
6	ENVIRONMENTAL ENGINEERING	18	0	16	16
7	STRUCTURAL ENGINEERING	18	2	16	18
	TOTAL	133	8	121	129

The report was noted and approved.



(Dr. F. S. Umrigar)

PRINCIPAL & MEMBER SECRETARY
BIRLA VISHVAKARMA MAHAVIDYALAYA

No.F/BM/108/2014.3/

Date : 22.01.15

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