

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

Minutes of the **2013.1** meeting of the Board of Governors of Birla Vishvakarma Mahavidyalaya was held on **Friday, 3rd May, 2013 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.	R. P. Patel	-	Hon. Secretary, CVM (Nominee of CVM)
3. Er.	B. M. Vyas	-	BMV Consultant, (Nominee of CVM)
4. Er.	Surendrabhai M. Patel	-	President, Charusat Uni., Changa (Nominee of CVM)
5. Er.	P. H. Rana	-	Ex. Director, Technical, GSECL, Vadodara
6. Dr.	F. S. Umrigar	-	Principal & Member Secretary, BoG
7. Prof.	P. B. Swadas	-	Prof. & Head, Computer Dept. & Member, BoG
8. Prof.	N. J. Manek	-	Rep. of Head, Production Dept.
9. Er.	V. M. Patel	-	Hon. Jt. Secretary, CVM
10. Er.	Mayurbhai Patel	-	Hon. Jt. Secretary, CVM
11. Dr.	J. D. Patel	-	Hon. Jt. Secretary, CVM
12. Prin.	R. C. Desai	-	Director, CDC
13. Dr.	R. K. Jain	-	Principal, ADIT
14. Dr.	Himanshu Soni	-	Principal, GCET
15. Dr.	V. Kamat	-	Principal, ICCT
16. Dr.	B. R. Parekh	-	Head, Electrical Dept.
17. Dr.	A. K. Verma	-	Head, Struct. Dept
18. Dr.	P. M. George	-	Head, Mechanical Dept
19. Dr.	T. D. Pawar	-	Head, Electronics Dept.
20. Dr.	D. S. Vyas	-	Rep. of Head, Civil Dept.
21. Prof.	Z. H. Shah	-	Head, IT Dept.
22. Prof.	B. C. Goradiya	-	Head, ET Dept.
23. Dr.	Mrs. T.A.Desai	-	Head, Maths Dept.

The following members conveyed their inability to attend the meeting.

1. Prof.	K. P. Chauhan	-	Rep. of Commissioner, CTE Office, Gandhinagar
2. Mr.	Sanjay Thapliyal	-	President, Century Enka Ltd., Umalla (Birla Nominee)
3. Er.	M. B. Patel	-	Nominee - Government of Gujarat
4. Prin.	S. M. Patel	-	Hon. I/c. Secretary, CVM
5. Er.	V. C. Patel	-	Hon. Chairman, CGSM (Nominee of CVM)
6. Prof.	N. R. Dave	-	Adviser, PDP, Educationist from the Region
7. Dr.	Harish Padh	-	Hon. Vice Chancellor, SPU
8. Dr.	Akshai Aggarwal	-	Hon. Vice Chancellor, GTU
9. Dr.	Naresh Chandra	-	Principal, Birla College, Kalyan (Birla Nominee)
10. Dr.	R. S. Rathore	-	AICTE, Nominee (Rep. of Central Govt.)
11. Er.	Prayaswin Patel	-	Chairman & M.D. Elecon Group of Companies
12. Dr.	Bakul Dholakia	-	Ex. Director, IIM (Educationist from Region)
13. Shri	B. P. Patel	-	Hon. Jt. Secretary, CVM
14. Dr.	P. M. Udani	-	Director, ISTAR
15. Prof.	K. M. Makwana	-	Principal, BBIT

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

Opening Remarks by the Hon. Chairman :

1. All Head of the Departments were instructed to plan for getting Accreditation for 5 Years. In that respect, the Heads should prepare the proposal of requirement of the concerned department and submit the same to the undersigned for further process.
2. In view of the shortage of staff, the required no. of staff should be recruited on Fix Pay as per the Government Resolution.
3. All the departments should have minimum 25 % and desirable 50 % of faculty with Ph.D. qualification. The concerned Head of the Departments will motivate the faculty members for pursuing higher studies. The area of specialization should also be different as per the requirement of the department. Similarly, the paper publication titles should also be different. TEQIP Project (For GIA Faculty) also facilitate the faculty members for Ph.D. programme.
4. The Demand of the college for High Tension Line connection is 250 kVA. Presently the power consumption of the college is around 235 kVA, which is on border line. Thus, all the Head of Depts. & Institute are informed to make the maximum efforts to save the Electrical consumption.
5. Head of Electrical Engineering Department was instructed to get the consultancy in Transformer Oil Testing, Relay Testing Kit and other electrical testing from the related industries to increase the Internal Revenue Generation (IRG).
6. Dr. D. S. Vyas, & Dr. H. J. Dalwadi, Asso. Professors in Civil Engg. Dept. should complete the Drainage Plan & Water Harvesting project of New Vallabh Vidyanagar at the earliest under the guidance of Head, Civil Engineering Department.
7. Prof. J. R. Pitroda is instructed to complete the work of Toilet Block in Electronics & Telecommunication Dept. at the earliest in consultation with Er. V. M. Patel sir, Hon. Jt. Secretary, CVM.
8. Prof. J. M. Rathod, Prof. - I/c. – Library, was instructed to purchase the required number of book as per AICTE Norms for P.G. Students on getting the list from all concerned PG Co-ordinators. Ten Laptops for PG Students should also be purchased after approval of Hon. Chairman sir. The Racks required for the New Books can be acquired from H. M. Patel Inst. of English Training & Research.
9. The Wifi connectivity in the Campus should be upgraded by Head, Computer & Head, IT. If required Dr. V. Kamat, Principal, MBICT can be consulted for the same.
10. The institute should take the advantage of the Experts, Head Civil & Structure to interact with Er. Surendrabhai Patel, Ex.Chairman, AUDA, Head Mechanical & Production to interact with Er. B. M. Vyas, Ex. CMD and Head, Electrical, Electronics & Electro. & Tele. to interact with Er. P. H. Rana, Ex. Director, GUVNL in their concerned field.

B U S I N E S S

- 13.1.1 To confirm the minutes of the 2012.3 meeting of the Board of Governors held on 21.01.13.

The minutes were confirmed.

- 13.1.2 To report : Actions taken on the resolution passed at 2012.3 meeting of the Board of Governors held on 21.01.13 as under :

ACTION TAKEN ON THE RESOLUTIONS

- 12.3.4 Following members were confirmed as below:

Sr. No.	Name & Designation	Dept.	Date of Appointment	Date of the completion of probation period
1	Chintan S. Patel Asst. Professor	Electronics	22.07.10	21.07.12
2	Jayaswal Chetan J. Asst. Professor	Electronics	03.09.10	02.09.12
3	Ada Niraj R. * Asst. Professor	Electronics	01.10.10	31.09.12

* He will have to complete his M.E./M.Tech. (With first Class) within Five Years i.e. on or before 30.09.2015 as per your appointment letter condition No. (2) dated 21.07.10.

The actions taken were noted.

- 13.1.3 To consider the Govt. Resolution No. PGR-2012-345-CH dated 03.10.12 of Government of Gujarat, Finance Department, regarding the revision of the existing rate of Medical Allowance Rs. 100/- per month to Rs. 300/- per month w.e.f. 01.01.12 .

The report was noted. It was RESOLVED that the faculty members will be given 90 % of the Medical Allowance amount i.e. Rs. 270 per month as per grant received from the CTE Office.

- 13.1.4 To consider the Govt. Resolution No. PGR/1009/11/Pay Cell(CH), dated 03.10.12 of Government of Gujarat, Finance Department, regarding the Revision of the Traveling Allowance / Dearness Allowance with reference to Sixth Pay Commission & GR No.Vallabh-102012-GOI-04-Gh dated 01.10.12 of Government of Gujarat, Finance Dept. regarding revision of Dearness Allowance by 72 % w.e.f. 01.07.12.

The report was noted. It was RESOLVED that the faculty members will be given 90 % of the Traveling Allowances-Dearness Allowance(TA-DA) & 90 % of Dearness Allowance i.e. the grant received from the CTE Office subject to the approval of CVM Governing Council.

- 13.1.5 To consider confirmation of the following members of the college.

Sr. No.	Name & Designation	Dept.	Date of Appointment	Date of the completion of probation period
1	Shri Ronak R. Patel Asst. Professor	Mechanical	04.03.11	03.03.13
2	Shri Kirtikumar J. Sharma Asst. Professor	Computer	04.03.11	03.03.13

The report was noted.

13.1.6 To note the actions taken by the Chairman.

- i) Approval to the selection of the following Teaching & Non Teaching candidates on purely temporary basis against the vacant points in various departments recommended by the Staff Selection Committee held on 31.01.13 :

Sr. No	Name	Designation	Department	Fixed Amount Rs. Per month
1	Patel Niru Chetanbhai	Trainee Lecturer	Mathematics	15000.00
2	Sonara Niles C.			
3	Gohel Himanshu P.	Lab. Asst.	Civil	5300.00 (As per Govt. Norms)
4	Vaghela Ganpatbhai K.	Lab. Asst.	Structural	
5	Limbachia Vimalkumar G.	Counter Attd.	Library	

- ii) Resignation of the following staff member of the college was accepted as per the rules :

Sr. No	Name & Designation	Dept.	Date of	
			Joining	Relieving
1	Prof. Viral Kapadia	Computer	16.01.06	04.05.13

Actions taken by the Chairman were noted

13.1.7 For information :

1. Dr. F. S. Umrigar, Principal was invited as a Expert Member of the CAS Committee, GCET on 09.02.13.
2. Dr. F. S. Umrigar, Principal addressed the Inaugural function of the One Day workshop on "Electricity Conservation (EC) Awareness" sponsored by GEDA, Gandhinagar on 06.03.13 at BVM Engineering College.
3. Dr. P. M. George, Head of Mechanical Engineering Department has been elected as Fellow member of Institution of Engineers (I).
4. The following faculty members completed their M.E. / M.Tech. as per the following details :

S. No	Name & Designation	Department	Degree Obtained	University	Date of Completion (Result Declared)
1	Prof. Ajay M. Patel Asst. Professor	Electrical	M.E.	GTU	08.02.13
2	Prof. K. D. Bhatt Asst. Professor	Production	M.Tech.	CHARUSAT	16.02.13

5. Prof. J. N. Jain, Coordinator of GTU Innovation Sankul Zone II, V. V Nagar was awarded the Pedagogical Innovation Award 2013 on the occasion of 2nd GTU Innovation Sankul Day of GTU towards his active contribution towards setting an India Centric University based Innovation ecosystem in Gujarat.
6. Prof. U. S. Deopurkar, Asso. Professor in Electronics Department was relieved on 31.12.12 after office hours as per rules on attaining the age of Superannuation (62 years) on 20.12.12.
7. The following number of students from various departments were selected for Interactive Session with Ms. Sunita Williams a prominent NASA Astronaut, who also holds the record for longest space walk by an Engineering Student at 9.45 a.m. on Saturday, 6th April, 2013 :

Discipline	No. of Students
Civil	02
Computer	02
Electrical	03

Discipline	No. of Students
Electronics	06
Mechanical	06
Production	06

8. The college participated in GRIDTECH-13 (International Exhibition & Conference for Transmission, Distribution, Load Dispatch and Communication) organized by Power Grid Corporation of India Ltd. at Pragati Maidan, New Delhi under the leadership of Prof. A. A. Shaikh, Coordinator, GRIDTECH-13 and Prof. Gaurang Sharma. Two projects of our college named (1) Smart Energy Meter and (2) Pre-Paid Energy Meter were highly appreciated by the organizers and were awarded the Cash Price Rs 10000/- per team.

The report was noted.

- 13.1.8 The following faculty members were deputed for participating in the various short term training programmes (STTP) during 01.01.13 to 31.03.13 :

Sr. No	Name of the Staff Member	Dept	Period	Topic & Place of Attending the Seminar / Workshop / Conference
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1	Dr. B. R. Parekh	Elect.	16.01.13 to 25.01.13	Management Capacity Enhancement Programme held at IIM, Indore under TEQIP-II Project
2	Prof. S. A. Bakhru	Comp.	18.01.13 to 20.01.13	Modular Training Programme on Microcontrollers & Interfacing at BVM. Remote Centre with IIT, Bombay
3	Dr. N. M. Patel	Comp.	18.01.13 to 20.01.13	
4	Prof. A. M. Patel	Elect.	09.01.13	One Day Training at IIT, Bombay
5	Prof. Dipen A. Parikh	Elect.	09.01.13	One Day Training at IIT, Bombay
6	Prof. Viral Kapadiya	Comp.	07.01.13 to 12.01.13	New Trend in Curriculum Design and Development, NITTR, Bhopal
7	Prof. Y. R. Prajapati	Elect.	11.01.13 to 13.01.13	Slow & Smart Grid, Int. Conf. for Academic Institution at Vibrant Gujarat 2013. G'nagar
			20.02.13	Energy Conservation Awareness, ITM Universe, Vadodara
8	Prof. G. K. Sharma	Elect.	11.01.13 to 13.01.13	Slow & Smart Grid, Int. Conf. for Academic Institution at Vibrant Gujarat 2013. G'nagar
			04.03.13 to 08.03.13	STC on Solar Photovoltaic Training for Master Trainers at IIT, Mumbai
9	Prof. J. C. Bariya	Elect.	20.02.13	Energy Conservation Awareness, ITM Universe, Vadodara
10	Dr. H. J. Dalwadi	Civil	11.01.13	Green and Efficient Water Management at WALMI.
11	Dr. S. D. Dhiman	Civil		
12	Prof. H. V. Patel	Civil		
13	Prof. M. M. Vegad	Comp.	15.02.13 to 17.02.13	19 th Annual National Conf. on Communications, IIT, Delhi
14	Prof. H. J. Chauhan	Civil	18.02.13 to 27.02.13	Training Prog. On Hyperspectral Remote Sensing for Agriculture at Indian Agricultural Research Inst., New Delhi
15	Prof. K. J. Sharma	Comp.	04.03.13	STTP on Multicore Computing : Concepts & Challenges “ at Nirma Inst. Of Tech., Ahmedabad
16	Prof. R. S. Barot	Prod.	08.03.13 to 09.03.13	Workshop on Virtual Instrumentation in Engineering Applications at Charusat, Changa
17	Prof. H. S. Berawala	Prod.	08.03.13 to 09.03.13	Workshop on Virtual Instrumentation in Engineering Applications at Charusat, Changa

The report was noted.

13.1.9 For information : Paper Presentation/Publication at International/National/Workshops/ Seminars etc. by the Staff members during 01.01.13 to 31.03.13 :

A. INTERNATIONAL LEVEL :

Sl. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.
1	Evaluation of Modulus of Elasticity of Concrete with Partial Replacement of Cement by Thermal Industry Waste (Fly Ash) and Paper Industry Waste (Hypo Sludge)	Jayesh Pitroda Dr. F. S. Umrigar	International Journal of Engg. & Sci. and Innovative Technology (IJESIT) ISSN : 2319-5967 Vol. 2, January, 2013
2	Durability of concrete with Partial Replacement of Cement by Paper Industry Waste (Hypo Sludge)	Jayesh Pitroda Dr. L. B. Zala Dr. F. S. Umrigar	International Journal of Innovative Technology & Exploring Engineering (IJITEE), ISSN : 2278-3075, Vol 2, February, 2013
3	Evaluation of Sorptivity and Water Absorption of Concrete with Partial Replacement of Cement by Thermal Industry Waste (Fly Ash)	Jayesh Pitroda Dr. F. S. Umrigar	International Journal of Engineering and Innovative Technology (IJEIT) Volume 2, Issue 7, January 2013, ISSN: 2277-3754, ISO 9001:2008 Certified, pp-245-249.
4	Innovative Use of Paper Industry Waste (Hypo Sludge) in Design Mix Concrete	Jayesh Pitroda Dr. L. B. Zala Dr. F. S. Umrigar	International Journal of Advance Engineering Technology, Vol IV, ISSN-0976-3945, Jan-March. 2013
5	Nanotechnology in Flexible Pavement	Jayesh Pitroda Pushpak Luhana Dr. L.B.Zala	IJSR - International Journal Of Scientific Research, Volume : 2 Issue : 1 Jan 2013 • ISSN No 2277 – 8179 / 78-80
6	International Journal of Engineering & Innovative Technology (IJEIT)	Dr. T.B.Pankhania Mr. V.K. Modi	Impacts of Various Aspects on Industrial Performance Enhancing Productivity, Feb.2013 pp 166–171
7	Use of recycled coarse aggregates in concrete	Dr. D. B. Bhatt, C. M. Vyas	International Journal of Scientific Research (IJSR), Vol. 2, Issue 1, Jan. 2013, ISSN: 2277-8179
8	A Study on Foundry Sand: Opportunities for Sustainable and Economical Concrete	Jayesh Pitroda J.J. Bhavsar Dushyant Bhimani	International Journal Global Research Analysis, (GRA), Volume: 2, Issue: 1, Jan 2013, ISSN No 2277 – 8160, pp-60-63
9	A Study of Utilization Aspect of Polypropylene Fibre for Making Value Added Concrete Context	Jayesh Pitroda Dr. B. K. Shah Bhavin Kashiyani	IJSR - International Journal Of Scientific Research, Volume 2 Issue 2 Feb 2013 • ISSN No 2277 – 8179 / 103-106
10	A Study on Conceptual Approach to Zero Energy Building in Modern Era	Jayesh Pitroda Dr. B. K. Shah Bhavin Kashiyani	International Journal Global Research Analysis, (GRA), Vol.: 2, Issue : 2, Feb 2013, ISSN No 2277 – 8160, pp-69-72

11	A Study on Crumb Rubber: Opportunities for Development of Sustainable Concrete in the New Millennium	Jayesh Pitroda Bhavik K. Daxini J.J. Bhavsar	International Journal Global Research Analysis, (GRA), Vol.: 2, Issue : 2, Feb 2013, ISSN No 2277 – 8160, pp-76-78
12	A Study On Transparent Concrete: A Novel Architectural Material To Explore Construction Sector	Jayesh Pitroda Dr. B. K. Shah Bhavin Kashiyani Varsha Raina	International Journal of Engineering and Innovative Technology (IJEIT) Volume 2, Issue 8, February 2013, ISSN: 2277-3754, ISO 9001:2008 Certified, pp-83-87.
13	Comparison And Optimization Of Dosage Of Different Super-Plasticizers For Self Compacted Concrete Using Marsh Cone	Jayesh Pitroda Nanak J Pamnani Dr. A.K. Verma Palak Patel	International Journal of Engineering and Innovative Technology (IJEIT) Volume 2, Issue 8, February 2013, ISSN: 2277-3754, ISO 9001:2008 Certified, pp-79-82.
14	Effect of Used Foundry Sand and Pozzocrete Partial Replacement with Fine Aggregate and Cement in Concrete	Jayesh Pitroda J.J. Bhavsar Dushyant Bhimani	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-2, Issue-3, February 2013 / 116-120
15	Used Foundry Sand: Opportunities for Development of Eco-Friendly Low Cost Concrete	Jayesh Pitroda J.J. Bhavsar Dushyant Bhimani	International Journal of Advanced Engineering Technology, IJAET / Vol. IV/ Issue I / Jan.-March., 2013 / 63-65
16	RPCA Based detection and quantification of motion artifacts in ECG Signals	Rahul Kher Deepak Vala Tanmay Pawar Vishvjit Thakar	Journal of Medical Engg. & Tech., Informa UK Ltd. Jan. 2013
17	Analysis of TCP Westwood NR Protocol in Congested and Lossy Network	Amit M Sheth Kaushika Patel Jitendra Chaudhari J. M. Rathod	International Journal of Engg. Trends & Tech., Vol. 4, Issue 3, 2013
18	Study of Spectral Characteristics of Motion Artifacts in Ambulatory ECG by Analyzing PCS Residual Errors	Rahul Kher Deepak Vala Tanmay Pawar Vishvjit Thakar	Biomedical Engineering, World Scientific Journals, Accepted in March, 2013
19	Analytical study of MERO connector in double layer grid structure	V. A. Arekar, B. B. Bhavsar	International Journal of Latest Trends in Engineering & Technology (IJLTET), Vol. 2, Issue 2, March 2013, ISSN: 2278-621X
20	Analysis of Induction Motor with broken rotor bars using FEM	M. N. Sinha	Intl. Journal of Engineering Science & Innovative Technology., Florida US:33771, 2319-5967

21	Analyze Effect of Cutting Parameters on Geometric Tolerance in CNC Turning using Design of Experiment (33 Design)	P. M. Tadv	Intl. Conference on Global Technology Initiatives, ISSN (Print) 2277- 6591 at Mumbai 29-30 March, 2013
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B. NATIONAL LEVEL :

Sr. No.	Title	Author(s)	Name, Vol. And number of Journal, and Year of publication.
1	Voltage Sag Compensation Using TCSC	Y. R. Prajapati	National Conf. on Power Sys. Embedded Sys. Power Electronics, Communication Control & Instrumentation 978-81-923462-1-2
2	Voltage Sug Compensation using TLSC N.C. on Power Systems Embedded Systems, Power Electronics, Communication, Control and Instrumentation	Prof. Y. R. Prajapati	SVIT, Vasad, 29.01.13
3	The role of aggregates on the strength of concrete	Yatin Patel, Dr. (Smt.) B.K.Shah	National Conference on “Advanced Technology in Civil Engineering” held on 8th-9th March 2013 (NCATCE 2013) at S.P.B.Patel Engineering College Saffrony Institute of Technology
4	Study on Strength Development of High Strength Concrete Containing Alccofine and Fly-Ash	Suthar Sunil B, Dr. (Smt.) B.K. Shah	Indian Journal of Research. PARIPEX. Vol. 2, Issue 3, March 2013, ISSN: 2250-1991

The report was noted.

13.1.10 To report the Training Programmes organized by the college during 01.01.13 to 31.03.13
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Sr. No	Topic	Co-ordinator(s)	Dept.	Date
1	MATLAB Application for Power System And Power Electronics (State Level)	Prof. M. N. Sinha Prof. Y. R. Prajapati	Elect.	02.03.13 to 03.03.13
2	EC Awareness (State Level)	Prof. A.A.Shaikh Prof. M. N. Sinha Prof. Y. R. Prajapati	Elect.	06.03.13
3	Industrial Waste : Opportunities and Challenges for Construction Industry in New Millennium	Prof. J. R. Pitroda Prof. J. J. Bhavsar	Civil	07.03.13 to 09.03.13

4	MATLAB Application for Power System And Power Electronics (National Level)	Prof. M. N. Sinha Prof. Y. R. Prajapati	Elect.	29.03.13 to 31.03.13
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The report was noted.

13.1.11 For information: Study Tours (Technical) arranged by the college during 01.01.13 to 31.03.13:

Sr. No	Date	Place of visit	Dept.
1	20.02.13	Sardar Sarovar Dam, Navagam	Electrical
2	01.03.13	Verakhadi, Tacheometer Contour Survey	Civil
3	12.03.13 to 13.03.13	Mundra Port – 3 rd & 4 th Level Students	Electrical

The report was noted. It was suggested that each department should conduct the study tour for the concerned students. Simultaneously the Industry – Institute Interaction should also be increased.

13.1.12 Any other matter with permission of the Chair.

1. It was suggested by Er. P. H. Rana, Ex. Director, GUVNL and BVMite that the college should go for Solar Energy, so that the electrical consumption from Conventional Grid can be decreased.
2. It was suggested that the procedure for starting M.E. programme in Digital Image Processing should be followed up by Prof. P. B. Swadas, Head, Computer Department.

The meeting ended with vote of thanks to the Chair.

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

(Dr. C. L. Patel)
CHAIRMAN

No.F/BM/108/2013.1/

Date : 03.06.13

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