



Minutes

Board of Governors

Meeting – 2022.1 & 2022.2

held on

26th July 2022

Tuesday – 11.00 am



Birla Vishvakarma Mahavidyalaya

(An Autonomous Institution)

Engineering College, Vallabh Vidyanagar

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Birla Vishvakarma Mahavidyalaya [An Autonomous Institution]

Engineering College,
Vallabh Vidyanagar – 388120

Minutes of the 2022.1 & 2022.2 meeting of the Board of Governors of Birla Vishvakarma be held on **Tuesday, 26-07-2022 at 11.00 am** in Board Room, A.M.Naik Block, Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar.

The following members were present:

1	Er. Bhikhubhai Patel	:	Hon. Chairman, Charutar Vidya Mandal & BVM BOG
2	Dr. S.G. Patel	:	Hon. Secretary, Charutar Vidya Mandal
3	Dr. D.P. Agrawal	:	Former Chairman, UPSC & Chairman P.G. Board, AICTE, New Delhi (Nominee of CVM)
4	Er. B.M. Vyas	:	BMV Consultant (Nominee of CVM)
5	Dr. M.N. Patel	:	Provost, Parul University (Nominee of CVM)
6	Dr. Indrajit Patel	:	Principal & Member Secretary, BOG
7	Dr. B.C. Goradiya	:	Professor & Head EC Dept.
8	Dr. V.J.Patel	:	Professor, Mechanical Dept.
9	Dr. Vishal Singh	:	Principal, ADIT – Special Invitee
10	Dr. S.D. Dhiman	:	Asso. Prof. Civil Dept. & TEQIP III Coordinator – Special Invitee

Following Members attend the meeting online.

1	Dr. OmPrakash Kakde	:	Director IIT Nagpur, (Nominee Birla Edu. Trust)
2	Dr. S.D. Panchal	:	Nominee of VC, GTU
3	Dr. K.P.Badgujar	:	Nominee of DTE, Gandhinagar

Following Members could not attend the meeting due to their pre-occupied schedule and conveyed Best Wishes

1	Er. Prayasvin Patel	:	Chairman & MD, Elecon Group of Companies (Nominee of CVM)
2	Dr. (Mrs.) Manju Singh	:	Jt. Secretary UGC
3	Er. Surendrabhai Patel	:	President, Charusat University, Changa, (Nominee of CVM)
4	Prin. R.C.Talati	:	Hon. Jt. Secretary, Charutar Vidya Mandal
5	Er. Jagdish I Patel	:	Ex. President, VUIA, (Nominee of CVM)
6	Dr. S.S. Bhosale	:	Professor & Head Civil Dept. Pune (Nominee AICTE)
7	Dr. B.L.Gupta	:	Principal GEC Banswara - Special Invitee
8	Dr. Himanshu Soni	:	Principal GCET - Special Invitee
9	Dr. D.G.Thakore	:	Head, Computer Dept. – Special Invitee

Dr. Indrajit Patel welcome Honorable Chairman and all the distinguished members to the meeting and shared acknowledgement about presence of majority of the members.

He briefly highlighted the major activities, outcome and achievement of staff, students, department and institute at large. He briefed about Abdul Kalam Award & cash prize of Rs. 50,000/- for Best Promising Team in DD ROBOCON 2022 organized by IIT New Delhi, Congratulation to the team and Mentors Dr. V.J.Patel & Prof. Ashish Thakkar. He also shared information about Robofest 2.0 organized by GUJCOST-DST, FIVE teams from BVM got first prize with total prize money of 25 lakhs. Congratulations to Mentors Dr. V J Patel, Dr. R B Gandhi, Dr.

D M Patel, Dr. M S Holia and Dr. Patolia and their student team. Dr. Patel briefed about increase in publication of quality research papers and patent as well as student participation in research, development and SSIP activities.

He presented the roadmap for vision 2022-23 and ongoing as well as completed infrastructure development projects on campus. He also briefed about activities in context to preparation for upcoming platinum jubilee celebration during 2022-23.

Dr. Indrajit Patel presented the Institution Performance for the last 6 months (01.01.2022 to 30.06.2022) with Agenda items 2022.1&2.1 to 2022.1&2.23. Dr. Indrajit Patel also presented Action Taken Report of 2021.4 BoG Meeting held on 14.03.2021.

B U S I N E S S

2022.1&2.1 To confirm the minutes of the 2021.4 meeting of the Board of Governors held on 14-03-2022.

No comments / suggestions were received. The minutes were confirmed.

2022.1&2.2 To Report: Actions taken on the resolution passed at 2021.4 meeting of the Board of Governors held on 14-03-2022 vide item no. 2021.4.6

Action taken on the Resolution

The following members were relieved as detailed below:

Sr. No.	Name & Designation	Date of Appointment	Date of Superannuation	Date of Retirement as per GR	Total Service
1	Shri. M.V.Shah, Typist Workshop	01-02-1991	23-05-2022	31-05-2022	31.5 years
2	Prof. B.S.Patel, Re-Asso. Prof. Mechanical Dept.	25-08-1983	09-06-2022	30-06-2022	38.10 years
3	Dr. L.B.Zala, Professor & Head, Civil Dept.	30-08-1986	31-05-2022	30-06-2022	35.10 years

The report on the action taken on the resolution was noted. The Board appreciated the long services of the above staff members and wished them healthy and happy life ahead. BVM family wishes healthy and fruitful retired life. The administrative action for their dues has been taken care as per norms.

2022.1&2.3 To consider the leave granted to teaching and non-teaching staff members during 1-01-2022 to 30-06-2022.

The report was noted and approved in line with regulation of GOG & CVM.

2022.1&2.4 To consider Library report for the period from 1-01-2022 to 30-06-2022.

The report was noted

2022.1&2.5**To note the actions taken by Hon. Chairman:****1) The following expenditures were approved by Hon. Chairman.**

Sr. No.	Description	Estimated expenditure	Funding from
1	Network essentials for A202 Structural lab.	1,23,098/-	GIA grant
2	AMC renewal for Saral Pay Pack license	23,010/-	GIA grant
3	Network Maintenance in New hostel	5,000/-	-
4	Repair & Maintenance of Proprietary equipment	52,215/-	GIA grant
5	Purchase Plastic chair for Library	1,50,000/-	Endowment fund
6	Computer lab at F block	1,50,000/-	GIA grant
7	Purchased printed lanyard & PVC card holder set for smart cards	41,800/-	GIA grant
8	Powder coated roofing sheet at B block	69,000/-	GIA grant
9	Purchase various component for ROBOCON 2022	4,60,000/-	SF budget
10	Hospitality, Logistics & miscellaneous of NAAC & BoG Members	1,15,000/-	TEQIP
11	Round table & plastics chair for flip classroom	29,160/-	Endowment fund
12	Photo & Videography for NAAC team visit	50,000/-	SF budget
13	Organized Project Expo 2022 for final year students	51,500/-	Gymkhana
		2,50,000/-	Dept. & Alumni
14	Purchase RFID Digital attendance reader in library	8,850/-	GIA grant
15	Installation new 11 CCTV camera	1,26,003/-	GIA grant
16	Subscribing E-Package "IEEE-ASPP & POP"	8,33,939/-	GIA grant
17	Furniture for Seek room H104	35,518/-	GIA grant
18	Purchase various component for ROBOCON	1,50,000/-	ROBOFEST price
19	Registration, Travelling & Participating expenses in final level ROBOCON	1,34,000/-	ROBOFEST price
20	Purchase Instruments for Transportation Lab.	19,706/-	GIA grant
21	Installation new 08 CCTV camera	1,17,939/-	GIA grant
22	Registration in BAJA SAEINDIA 2023	35,400/-	SF Budget
23	Purchase Weighing machine for Soil Mechanics Lab	17,000/-	GIA grant
24	Beautification at outside Mechanical dept.	1,05,000/-	GIA grant

2) The Fee Regulatory Committee declared that they do not propose to seek any hike in the existing fee of the year 2019-20 for the entire fee block of 3 years from 2020-21 to 2022-23 vide letter no. FRC/2022/StatusQuofee/201 dated 28/02/2022.

3) Approval for advertisement of various teaching & non-teaching post in self-finance component vide approval letter no. F/BVM/2022/151/716 dated 07/03/2022.

4) CCTV camera AMC renewed for 1 year from 01/04/2022 to 31/03/2023, Rs. 3,48,694/- vide CVM letter no. CVN/B-235/2022/1399 dated 21/03/2022.

5) Ms. Roshni Shah recruited on purely Adhoc basis for post of Assistant programmer in self-finance component with 17,500/- remuneration p.m. vide approval letter no. F/151/820 dated 10/03/2022.

6) Resignation of following staff members of self-finance component were accepted & relieved as per CVM rules.

No.	Name & Designation	Designation	Relieved
1	Ms. Alpa Kanjariya, ERP Section	ERP Asst. Prog.	17/03/2022
2	Mr. Pranay Patel, Computer Dept.	Asst. Professor	03/06/2022
3	Ms. Aneri Patel, IT Dept.	Asst. Professor	30/05/2022

7) Approved rs. 14, 78,925/- for organized Annual Technical & Cultural Fest UDAAN'22 vide approval letter no. F/BVM/2022/151/598 dated 26/02/2022.

8) Approval for Payment of the outstanding salary (February & March 2022) for the service of the C the TEQIP four funds account vide approval letter no. F/151/1099 dated 25/03/2022.

9) Dr. T.A.Desai, HoD Mathematics Dept. is authorized to sign in Medical allowance form vide office order no. F/MA/1214 dated 20/04/2022.

10) Approval given to the following faculty member for going abroad as per rules

Sr. No.	Name	Leave Period	No. of days	Nature of Leave	Remarks
1	Prof. B.S.Patel, Asso. Prof., Mechanical Dept.	25-05-2022 to 29-06-2022	36	Summer vacation	Visit to Australia (private affairs)
2	Prof. P.B.Swadas, Asso. Prof., Computer Dept.	26-05-2022 to 08-07-2022	44	Summer vacation	Visit to USA (private affairs)
3	Dr. T.A.Desai, Professor, Mathematics Dept.	08-06-2022 to 09-07-2022	32	Summer vacation	Visit to Canada (private affairs)
4	Dr. N.M. Patel, Asso. Prof. Computer Dept.	26-05-2022 to 02-06-2022	08	Summer vacation	Visit to Dubai (private affairs)
5	Prof. S.P.Joshi, Asso. Prof. Mechanical Dept.	13-06-2022 to 10-07-2022	28	Summer vacation	Visit to USA (private affairs)
		11-07-2022 to 03-09-2022	55	Earned leave	

The leave were sanctioned for the personal/social engagement as per the procedure of the management.

11) Salary revision of following staff members working in SF component vide approval letter no. F/CVM/2022/1066-67 dated 07/03/2022 w.e.f. 01/04/2022.

Sr. No.	Name	Present Salary	Revised Salary
1	Mr. Kartikey C. Patel	8000/-	12000/-
2	Mr. Jaiminkumar M. Patel	12000/-	15000/-
3	Mr. Viralkumar R. Patel	10000/-	14000/-

12) Approval for implementation of increased 3% DA to GIA staff members w.e.f. 01/07/2021 vide approval letter no. F/151/1329 dated 04/05/2022 and Govt. letter no. ૧૬૧-૧૦૨૦૧૬-જીઓઆઈ-૭-ચ dated 02/05/2022 and CVM Circular no.CVM/22/2022/2610 dated 30/05/2022.

13) Approval of fees of B.Tech SF courses in NRI/NRI sponsored quota admission for the year 2022-23 vide approval letter no. F/BVM/2022/Adm/1412 dated 13/05/2022.

Sr. No.	Branch	Fees	Remarks
1	Information Technology	4000 \$	The dollar exchange rate 1 \$ = 76 rs.
2	Mechanical Engineering	3000 \$	
3	Electronics & Communication	2250 \$	

14) Approval of fees of M.Tech SF courses in NRI/NRI sponsored quota admission for the year 2022-23 vide approval letter no. F/BVM/PG/NRI fees/1411 dated 12/05/2022.

Sr. No.	Branch	Fees	Remarks
1	Structural Engineering	3000 \$	The dollar exchange rate 1 \$ = 76 rs.
2	Construction Engg. & Mgt.	3000 \$	

15) Mr. Mitang H. Patel, Jr. clerk SF component is promoted to the post of Sr. clerk in pay band 5200-20200 with AGP 2400/- p.m. vide CVM letter no. CVM/5/2022/3433-34 dated 09/07/2022.

16) Approval for pay difference amount to GIA teaching staff members who get 7th pay commission vide chairman approval letter no. F/CVM/Acco/7th Pay/1815 dated 06/07/2022.

Payable difference amount	8,41,25,876/-
Received grant from Govt (90%)	7,06,66,000/-
Amount less received from Govt	50,47,280/-
Amount payable by CVM (10%)	84,12,876/-
Total Payable amount bare by CVM	1,34,59,767/-

Dr. Patel express sincere thanks to chair CVM & DTE on behalf of BVM staff. It was informed that all the teaching staff whose 7th pay has been approved by DTE 90% arrears will be given with July 22 salary the rest amount will be given on receipt of the grant.

17) Ms. Manali Shah, Adhoc Asst. Prof. Civil Dept. is joined duty after Maternity leave from 11/07/2022 vide Chairman Approval letter no. F/108-1/Adhoc Civil/1845 dated 11/07/2022.

18) Approval for increment of 3% to Self-finance staff members w.e.f.01/07/2022 vide CVM letter no. CVM/22/2022/3506 dated 14/07/2022.

19) Following staff recruitment for one semester purely on hourly basis in GIA component vide approval letter no. F/Adhoc/Maths/1874 dated 13/07/2022.

Name	Department	Remuneration
Ms. Swara Anand	Mathematics	300/- per hour as per Govt norms

20) Charge rs. 1000/- per credit from the students registering for B.Tech Honors degree vide approval letter no. F/AC/8/MH/001/1846 dated 07-07-2022.

The actions taken by Hon. Chairman were noted and approved for further action.

2022.1&2.6 For Information:

1) NAAC peer team have successfully visited Institute during 15th & 16th March 2022. It is under review process after appeal.

Dr. Patel briefed about the overall performance of similar institutions across nation & shared B++ is a good score in first cycle. However looks to the BVM legacy & work culture the experts has advised for appeal.

2) The following faculty has completed Ph.D. Research work as detailed below.

Sr. No.	Name & Designation	Title	Date of completion	Institution/ University
1	Dr. A.B. Bambhaniya, Asst. Prof., EC Dept.	Design And Development of Pilot Based Channel Estimation Techniques For OFDM System	05-01-2022	Charusat

3) Book Publication

Author & Co-author	Title of the Book	Publisher & ISBN
Prashant Sachaniya, Jagdish M Rathod, Utkal Meht	Design and Fabrication of Axially Corrugated Gaussian Profiled Horn Antenna published in e Book titles Smart Antennas, Book Subtitle: Latest Trends in Design and Application, Series: EAI/Springer Innovations in Communication and Computing	978-3-030-76635-1; 978-3-030-76636-8, DOI: 10.1007/978-3-030-76636-8. Publisher- Springer International Publishing- Switzerland. pp 393-403. 01 January 2022.
Barot, R.S., Valaki, J.B., Makwana, Hardik Beravala,	A research paper on "Experimental Investigation and Machinability Study of Ni-Cr-Based Super Alloy Using Powder Mixed EDM.	Springer, Electronic ISSN 2195-4364, Print ISSN 2195-4356
Dr. Robinson Paul Chintan Modi	Novel Algorithm For Medical Image Compression	Lambert Publication 978-620-4-95513-1

Members Congratulated to Faculties and it was suggested that Department Heads should motivate the faculties to contribute in book writing as well as chapter contribution in domain of their expertise.

4) Approved to destroy old record like cashbook, ledger, Gov. Circular, Minutes and financial record (year 1948 to 2000) as per rules, vide approval letter no. F/70/420 dated 10/06/2021.

5) Approve balance sheet for the financial year 2021- 22 of UG & PG program.

6) Approve budget for the financial year 2022-23 of UG & PG program.

7) Dr. S.D.Dhiman appointing as In-charge Head in civil department, as Dr. L.B.Zala retired on 30-06-2022 vide chairman approval letter no. F/151/1749 dated 29-06-2022.

8) Result details of Winter 2021 & summer 2022(8th Sem).

No.	Branch	1 st Sem (%)	3 rd Sem (%)	5 th Sem (%)	7 th Sem (%)
1	Civil Engineering	93.01	89.94	96.39	97.20
2	Computer Engineering	95.71	92.05	98.91	98.63
3	Electrical Engineering	98.51	85.71	100	100
4	Electronics Engineering	98.61	61.68	100	100
5	Mechanical Engineering	97.48	85.26	92.12	98.60
6	Production Engineering	78.26	72.22	97.67	97.83
7	Information Technology	98.65	94.81	100	98.61
8	EC Engineering	100	86.67	96.61	100
9	PDDC	25	-	44.44	45.45
Overall Result in %		95.10	84.25	96.52	97.79

No.	Branch	1 st Sem (%)	3 rd Sem (%)
1	Structural	68.42	90

2	Construction Engg. & Mgt.	84.62	100
3	Transportation Engineering	90.91	87.50
4	Environmental Engineering	50	100
5	Infrastructure Engg. & Tech.	100	100
6	Machine Design	85.71	-
7	Computer Engineering	66.67	100
8	Electrical Engineering	50	100
Overall Result in %		76.71	93.90

No.	Branch	Summer 2022 (8 th Sem)
1	Civil Engineering	90.85
2	Computer Engineering	100
3	Electrical Engineering	100
4	Electronics Engineering	98.60
5	Mechanical Engineering	97.83
6	Production Engineering	100
7	Information Technology	100
8	EC Engineering	100
9	PDDC	100
Overall Result in %		97.49

Board express satisfaction on the academic performance after students & departments

9) Scholarship Details for the year 2021-22

Sr. No.	Name of Scholarship	No. of Students	Amount/-
1	ST Category (Govt. of Gujarat)	161	13,50,000/-
2	SC Category (Govt. of Gujarat)	28	34,24,000/-
3	SEBC Category (Govt. of Gujarat)	189	Credited in Beneficiary Account
4	Mukhyamantri Yuva Svavlamban Yojna (MYSY)	524	2,30,00,000/-
5	Elecon Engineering ltd.	60	17,25,000/-
6	Charutar Vidya Mandal	07	7,050/-
7	BVM Alumni Association	45	2,35,820/-
8	Minority Scholarship (National Portal)	27	12,50,230/-
9	PMSSS (for J&K Students)	19	95,000/-
10	GATE Stipend	03	12,400/- p.m.

Members appreciated the activities

10) BVM Annual Day celebrated after two years on dated 6th to 9th April 2022, Chief Guest is Shri Nilesh Desai, Director SAC-ISRO, Ahmedabad Under which the following activities have been organized, more than 850 students participated across Gujarat.

- BVM TALKS 2022, UDAAN'22 Workshops, Smart India Hackathon, UDAAN'22 Technical Events, UDAAN'22 Non-Technical Events, UDAAN'22 Cultural Events and Nights

The Report was noted

2022.1&2.7**To Report : The following STTPs - Training Programs - Workshops - Expert lectures were organized during 1-01-2022 to 30-06-2022.**

Department	No. of Events
Institute Level	06
Civil + Structural	03
Electrical	03
Mechanical	05
Computer	02
Electronics	01
EC	06
IT	01
WDC	04

The reported was noted and appreciated.**2022.1&2.8****To Report : The following faculty members have participated in various STTPs - Training Programs - Workshops -Expert lectures, Digital Platform during 1-01-2022 to 30-06-2022.**

Department	No. of Faculties	No. of Events
Civil + Structural	12	19
Computer	08	01
Electrical	05	06
Electronics	03	06
Mechanical	08	09
Production	04	05
EC	06	10
IT	07	09
Humanities	08	05

The report was noted and appreciated.**2022.1&2.9 To report : Details of testing and consultancy work carried out during 1-01-2022 to 30-06-2022.**

Sr. No.	Details of work	Amount
1	Testing of Materials <ul style="list-style-type: none">• Paver Block, Sand, Cement, Metal, Kapachi, Concrete cubes, Steel, Bricks, ACC blocks, Grit, Stone dust, Tiles.• Meter testing• Antenna testing• 3D Printing	6,43,275/-
2	Consultancy (Checking & Vetting of Structural Design, Report writing)	25,29,964/-
3	Environmental Audit	18,23,380/-
Total		49,96,619/-

The report was noted, Members appreciated increase in efforts towards resource utilization and involvement of faculties in testing and consultancy activities leading to IRG. Chair advised principal to inform other department to be agile in such activities, present action taken report by department.

2022.1&2.10 Details of Training & Placement Cell.

Placement of BVM students during 1-01-2022 to 30-06-2022.

Branch	B. Tech								Total
	CE	CP	EE	EL	ME	PE	IT	EC	
	05	03	12	02	48	09	16	03	98
M. Tech									01
Total									99

▪ **Training Programs organized by T & P cell**

Sr. No	Date	Programme	No. of Participants	Speaker/ Organizer
1	28/02/2022	Importance of research on Employability	56	Dr. Manan Shah (PDPU)
2	11-2-2022 to 27-2-2022	Aptitude Tests & Mock Interviews at Department level For those who are not placed.	100+	Student TPCs

The report was noted and appreciated.

2022.1&2.11 For Information: Paper Presentation/Publication at International/ National/Seminars /Conferences etc. by the Staff members during 1-01-2022 to 30-06-2022.

Department	Nos. of Research Paper
Civil & Structural	39
Electrical	05
Mechanical	02
Computer	06
Electronics	02
Production	07
IT	03
EC	01

Dr. D.P.Agrawal raised concern about department not have good number of publication.

2022.1&2.12**For Information: Details of Research & development Projects submitted to various funding agencies.**

Sr. No.	Name of Coordinator	Project Title	Funding Agency	Amount Proposed & Date
1	Bhavesht Tanawala	Audio and Music Synthesis using GAN	GTU (RPS)	50,000/- (Proposed)
2	Dr. T.D.Pawar Dr. M.S. Holia	ATAL - FDP on "Signal Processing, Embedded System, IoT and Machine Learning"	AICTE	5,00,000/-
3	Dr. B. C. Goradiya Dr. Robinson Paul	2 Week FDP for Machine Learning and its application	AICTE ATAL	3,00,000/-

Details of project grant received

No	Coordinator	Project Title	Funding Agency	Amount
1	Dr. Vatsal Shah, Prof Bijal Dalwadi	SPICES Scheme	AICTE	1,00,000/-

Board congratulated to all departments**2022.1&2.13****To report : The activities organized by Various Student Chapter during 1-01-2022 to 30-06-2022.
(ISTE/IEI/IEEE/TRS/CSI/SSIP/NPTEL/SAE/ NSS/NCC)**

Chapters	Nos. of Event
Civil Department - IE(I) Students Chapter	03
Electrical Department - IE(I) Students Chapter	05
Electronics Department - IE(I) Students Chapter	02
ISTE	01
IEEE	06
International Collaboration Cell	01
The Space Association (TSA) Chapter	03
CSI Student Chapter	01
Google DSC	11
NSS	08

Noted & Appreciated**BVM NPTEL Local Chapter**

- Total number of students and faculty members from BVM enrolled in JAN- APRIL 2022 are 844. The number of candidates registered for JAN-APRIL 2022 semester exams are 137.
- Total 05 have topped at national level.

Course Name	Name	Department	Final Score	Topper
Digital Protection of Power System	Patel Jay Bipinbhai	Electrical	91	Topper of 5% in this course
Speaking Effectively	Vohra Kushay Sabbirbhai	Computer	80	
Cloud Computing	Raghvi Baloni	Electronics	84	
Cloud Computing	Sannigrahi Rahul Ramprasad		84	
Cloud Computing	Yash Kinjalkumar Shah		83	

Fee Reimbursement	Total students	Amount per student	Total Amount Reimbursed as NPTEL Exam Fees
NPTEL Fee Waiver	51	500/-	25,500/-
BVM Alumni Association	33	1000/-	33,000/-
Total			55,000/-

Members took positive note of activities under professional bodies for the holistic development of students.

2022.1&2.14 Special Achievements Students

1. Electrical Department

- Kuldeep Vadher achieved All India Rank of 149 in GATE 2022 in Electrical Engineering. GATE 2022 was organized in Feb 2022.

2. Production Department

- Project team of Gaurav Yadav (18PE018), Pranay Panchal (17PE408), Pranshav Kakadia (17PE409), Jankhit Vachhani (17PE412) worked at PHOENIX FROZEN FOODS, Mogar and made a real-time machine called "**Automatic Continuous-Multi-Vegetable Peeler machine Developed for Potato Peeling**" under the guidance of **Prof J R Makwana**. The machine is currently being used by the industry for potato peeling.

3. Electronics & Communication Department

- Vedant Dokania(18EC432) Published Paper in Springer
- Arka Ghosh (18EC409) Internship/Industrial Project with Space Application Centre, Indian Space Research Organization (SAC,ISRO) Project title is-Speed and torque control of BLDC Motor with ARM M0+ Microcontroller for the Space Applications.
- Utkarsh Jha 19EC451 EC student selected in NCC Indian Military Academy December 2021 to January 2022 for 20 days.
- EC Alumni Deepak Pandya has donated \$550 in Sainik Welfare Fund.
- 1st year EC student Anusha Kar won Jury Choice Award in CreaTo Singing competition on 12th March, 2022.
- Dhruv Marathe (21EC416) Tittle Winner of Mr.KnowHow ' 22 in Event of KnowHow ' 22 by BVM TPC. • Runner Up of Alfaaz 2022
- Yadav Bhavesh L (21eec419) A+ Grade With 84.50 % Cerificate Course In Yoga.

- Dhvani Trivedi 2021 EC alumni: recognized as "Women tech makers ambassador" by Google
- Raj Choksi EC alumni: Had received Intel's Highest "Intel quality award".
- Madhav Padalia 2011 EC alumni: Had published "US patent on "temperature tracked dynamic keeper implementation to enable read operation"
- Bhautik Ramolia EC alumni: had won Enstinct 2.0: Intellismart's innovation challenge and Hackathon.

2022.1&2.14(1) Award received by Students.

No.	Name of Student	Award Title	Event Name	Date
1	Shah Shrey	Top five position	Environment Photography competition, Indo British Scholar Association	June-2022
2	Shah Shrey	Top position	InFocus- Largest Digital Art Festival, IIT BHU.	May-2022
3	Galav Bhatt, Jash Patadia, Het Patel	2 nd Prize	National Level Project Competition of IMAZE'22 organized by GCET.	Feb-2022
4	Amisha Sign(18EC411)	First Prize	NITI Gyaan	25-03-2022

The report was noted and BoG members congratulated all students on their achievements.

2022.1&2.15 Special Achievements Staff Members

- BVM received appreciation award for hosting 25th ISTE Gujarat State Convention Awards Ceremony.

2. Civil + Structural Department

- Dr. Indrajit Patel has received appreciation for the Generosity & Boundless support from Gujarat Vigyan Sammelan (GVS) 2022 organized by Vigyan Gurjari, Gujarat Prant in Celebration of Swatantra ka Amrut Mahotsav.
- Prof. Jagruti Shah has awarded certificate from AICTE & Ministry of Education's innovation cell for playing role as Primary Evaluator for TOYCATHON-2021.

2. Electronics Department

- Dr. J M Rathod & Dr. Mehfuza Holia as Technical Program Committee member & Session ChairSpringer's 3rd International Conference on Computing Science, Communication and Security (COMS2-2022) at Ganpat University.

4. Mechanical Department

- Team of TRS Student Chapter, BVM has been qualified for Stage-II of DD ROBOCON 2022 under the mentorship of Dr. Vinay Patel and Prof. Ashish Thakkar. Doordarshan Robocon India, 2022 (DD Robocon) is a National Competition organized by IIT Delhi for Asian-Oceanian college robot competition.

5. Electronics & Communication Department

- Dr. B. C. Goradiya, Dr. T. D. Pawar, Dr. H. J. Patel and Prof. M. P. Prajapati had successfully organized 2 week in-house internship in association with Electronics Hunter on the title of "Embedded System Design". Lagori game is theme for DD ROBOCON 2022.

2022.1&2.15(1) Award received by Staff members.

No.	Name	Award Title	Event Name	Date
1	Prof. Neha Patel	Received appreciation certificate as Guide	Interlinking of academicians, Industries and Government, supported by Forests and Environmental Dept. GOG.	11-3-2022

Members congratulated the staff on their achievements.

Expert Talk delivered by department faculty members at various platform.

No.	Name of faculty	Title of Expert talk	Type of Program	Date	Venue
1	Dr. H.J. Chauhan	Introduction to Drone, Advance surveying using total station and drone	ATAL - STTP	11-02-2022	BLDEA's V.P Dr. PG Halakatti College of Engg. Karnataka
2	Dr. Reshma Patel	Issues and Challenges in E-Waste Management	Training	20-04-2022	Centre of Excellence, Vapi
3	Dr. H V Patel	On farm Irrigation Management with Conjunctive use in canal command area	Training program	25-04-2022	WALMI, Anand
4	Dr. N M Patel	Digital Image Processing Fundamentals & Segmentation	Expert talk	08-04-2022	CHARUSET University, Changa
5		File systems	Expert talk	04-05-2022	CHARUSET University, Changa
6		Internships-Education 4.0 for Higher order thinking skills to match the 4th Industrial Revolution	Academia-Industry Meet-	02-04-2022	GTU, Graduate School of engineering & Technology
7	Dr. J.M.Rathod	Patenting and its Drafting Process	IEEE Seminar	03-02-2022	CHARUSAT-Changa-Gujarat
8	Prof. Priyank Bhojak	Expert Talk on "Ethical Hacking"	Expert Talk	18-04-2022	SPEC, Bakrol
9	R S Barot	Manufacturing Aspects for Welded Components	Expert Talk	04-01-2022	L & T Engineers Training organized by L & T Technology Services, Vadodara & Siemens Center of Excellence for Industry and Automation, Vadodara
10		IIoT Case Study with Python Hardware Interface	Expert Talk	08-01-2022	
11		IIoT Case Study	Expert Talk	10-01-2022	
12		Basics of MFG Process - "Design aspects for welded components"	Expert Talk	07-02-2022	
13		Basics of MFG Process - "Design aspects for Casting"	Expert Talk	10-02-2022	
14		Basics of MFG Process - "Design aspects for Casting-Advanced Simulation"	Expert Talk	11-02-2022	
15		Manufacturing Processes Design aspects for welding	Expert Talk	28-02-2022, 01-03-2022	
16		ASME Welding Specifications, Procedures & Qualifications	Expert Talk	02-03-2022	

		and Validating Design using standards			
17		Industrial Internet of Things and industry 4.0	Expert Talk	07-03-2022	
18		Manufacturing Processes - Characteristics of Cast Components	Expert Talk	18-04-2022, 21-04-2022, 25-04-2022	
19		Manufacturing Processes - Characteristics of Welded Components	Expert Talk	27-04-2022	
20	Dr. Hardik Beravala	Manufacturing Aspects for Forged Components	Expert Talk	04-1-2022	The training session for Mechanical Engineering GETs of LTTS Ltd., Vadodara
21		Manufacturing Processes - Forged Components	Expert Talk	08-2-2022	
22		Manufacturing Processes – Forging and welding	Expert Talk	28-2-2022	
23	Prof K D Bhatt	3-D Printer	Expert Talk	19-4-2022	ADIT, New Vallabh Vidyanagar
24	Prof. Jagruti Shah	Next generation Sustainable Material	SPECTRUM 22	18-4-2022	ADIT, New Vallabh Vidyanagar
25	Dr Mukesh Shimpi	Mathematics for Science and Engineering	Workshop	08-1-2022	Charusat, Changa
26	Dr. Aakar N. Roghelia	Introduction to SPSS	Workshop	26-2-2022	ILSASS

The report was noted and BOG members congratulated all staff members and department on their achievements.

2022.1&2.16 Patent Details

Name of faculty	Title of Patent	Application no.	Date	Status (Published/Registration/Awarded)
Dr. Indrajit Patel Jagruti Shah	Concrete Composition	202221001157A	09-1-2022	Published
Dr. Vinay Patel Dr. R.B. Gandhi	Pipe Climbing Robot	202221001154	09-1-2022	Published
Dr. J.M. Rathod	A Solar Assisted Climatic Reader Farming Robotic System and Its Working Method	2021103075	02-3-2022	Awarded
Dr. Vinay Patel Dr. D. M. Patel	Swappable Battery Unit For An Underwater Vehicles	202221001155	09-1-2022	Published
Dr. Vinay Patel Dr. D. M. Patel	Design Application - Swappable Battery Unit For An Underwater Vehicles	356337 - 001	07-1-2022	FER generated
Dr. Vatsal Shah	Patent Published on "Vrdrive : A Driving Simulation For RTO	202221030867	10-6-2022	Published
Dr. Vinay Patel Prof. A. M. Thakkar	Smart Prosthetic Upper Limb	202221001156	09-1-2022	Published

Prof. A. N. Bhatt	Smart prepaid energy system and method thereof	202221000778	06-1-2022	Published
Dr. Vinay Patel Dr. H.P. Patolia	Quadruped Canine Robot	202221001158	09-1-2022	Published
Dr. J.M. Rathod	Design of Wideband Bowtie Antenna using Tapered Balun for Industrial, Scientific and Medical Band Application	202241008305	17-2-2022	Published
Dr. Vinay Patel Dr. Mehfuza. Holia	Ir Based Hexagonal Multilayered Micro Robot	202221001159	09-1-2022	Published
Dr. Vinay Patel	Eyedrops Instilling Robot	202221001245	10-1-2022	Published
Dr. Vinay Patel	Design Application - Eyedrops Instilling Robot	356340-001	09-1-2022	FER generated
Dr. Vinay Patel	Design Application –An Apparatus For Self – Instillation Of Eyedrops	356339-001	07-1-2022	FER generated

The report was noted. It was conveyed to commercialize the ideas.

2022.1&2.17 For Information: Study Tours (Technical) for Students during 1-01-2022 to 30-06-2022.

No.	Date	Place of Visit	Department
1	23-3-2022	Smart Cities –India Expo, New Delhi	Civil
2	28-3-2020	Narmada Clean Tech at Ankleshwar	
3	01-4-2022	Design Cell Infrastructure Private Ltd, V V Vidyanagar	
4	04-4-2022	Uma Marble & Stone, GIDC, V. U. Nagar	
5	05-4-2022	Kuldevi Timber and Ply, Anand	
6	06-4-2022	AICTE Funded SC/ST Boy's Hostel, Vallabh Vidyanagar	
7	12-4-2022	MCBS, Ahmedabad	Electronics
8	05-4-2022	Ritul Engineering Company, GIDC, V. U. Nagar	Production
9	16-4-2022	Unique Forging (India) Pvt. Ltd., V. U. Nagar	

The report was noted.

2022.1&2.18 Details of Academic Section.

- Four Academic Executive Committee meetings were conducted to decide academic related policies during 01-01-2022 to 30-06-2022.

The report was noted.

2022.1&2.20 Agenda for TEQIP – III Project

To take note of followings:

- The Statutory Audit for the extended period 01-10-2021 to 31-01-2022 F.Y. 2021-2022 have been conducted by JCR & Co., Chartered Accountant in the month of February 2022,

and the final audit report was submitted to NPIU on 21-03-2022. NPIU has processed the payment of Statutory Audit Fees in the Month of June 2022.

To Approve:

- Statutory Audit Report period 01-10-2021 to 31-01-2022 (F.Y. 2021-2022)

(Annexure : 4)

The report was noted.

2021.4.20 For Information: Details of Ongoing Projects at Institute

Name of Project	Funding Agency	Amount
SC- ST Students Hostel	All India Council for Technical Education (AICTE)	2,00,00,000/-
MODROB, RPS, FDP	All India Council for Technical Education (AICTE) for developing laboratory	51,63,489/-
SSIP	Government of Gujarat	1,20,00,000/-

The report was noted, Members congratulated the Principal and Team BVM for fetching and timely utilization of the grant as per the objectives and action plan.

2022.1&2.21 Report of BVM Alumni Association

The BVM Alumni Association is the most vibrant and active association of the Gujarat state.

The alumni activities involve supporting guest lectures, disbursing student scholarships, organizing and supporting conferences, conducting alumni reunion, alumni at city meets, facilitating short term training programs, conducting Fresher's Welcome and giving Farewell to the outgoing students.

During this term strong efforts were made for organizing the Get together as a part of Platinum Jubilee Celebration 2022-23 for the BVMites and preparing for NAAC visit.

- G2G @ Charotar -2021 – Birla Vishvakarma Mahavidyalaya held G2G Charotar on 9th January, 2022 with the motivation and guidance of Chairman CVM Shri Bhikhubhai Patel. As a part of upcoming Platinum Jubilee Celebration get together for Charotar was successfully organized at BVM Campus and V&C English School. 150+ members were present and enjoyed the event.
- NAAC Preparation – During February 2022, the documentation and preparation for NAAC visit was successfully carried out for the best results which includes gathering important criteria wise documents, filing, banners to showcase the strength of Alumni Association and so on.
- Local EC Meeting – On 7th March, 2022, all local Executive committee members were gathered to discuss regarding the Alumni meet with NAAC committee and targeted to have the large number of alumni during the visit.
- NAAC Visit – NAAC committee had a qualitative interaction with Alumni members on 15th March, 2022 regarding the work for development for the institute which is going on and what can be done for the future.
- BVM Alumni Association has conducted 9th Executive Committee Meeting on Thursday, 21st April, 2022 at 3.30 pm at Alumni Conference Room. 17 members have attended this meeting.
- Chai-pe-dosti @Ahemdabad - A get together was organised at Sardar Dham Sankul Ahmedabad Gujarat today on 8th May 2022. Er Bhikhubhai Patel Chairman CVM, Shri Surendra Patel President CHARUST, Shri Gagji Sutaria President Sardar Dham, Dr M N Patel Provost PU, Principal BVM Dr. Indrajit Patel, Shri Jashu Patel, Shri Vinod Panchasara,

Members of BVMAA executive committee, senior professors from BVM and many senior alumni graced the occasion. More than 270 plus alumni from all across the state participated in the event.

- 75th Foundation Day - 75th Foundation day was celebrated on 14th June, 2022 from 10 am to 1.30 pm. The program contains Satyanarayan Katha, Motivation speech by PP Apurvamuni Swamiji, brainstorming session for Platinum Jubilee year events followed by lunch. Around 400 members came together to celebrate this auspicious day.

Statement Showing Name of the Donation

No.	Name of Donor	Head of the Donation	Amount (₹)
1	Kiran H. Shah	Scholarship Fund - Batch 1983	1,50,050/-
2	Girishbhai M Patel	Scholarship Fund	20,000/-

The report was noted.

**2022.1&2.22 Statement Showing Name of the Donation for BVM Endowment fund
01.01.2022 to 30.06.2022**

Sr. No	Name	Amount
1	Mayankkumar Ambalal Patel	10,00,000/-
2	Darshana Anant Patel	50,000/-
3	Surendrabhai Motilal Patel	11,00,000/-
4	Pravinkumar Chandulal Patel	10,001/-
5	Rajiv Dhirajlal Mehta	5,000/-
6	Bhanuprasad Jashlal Dalwadi On Behalf of Rajan Chandubhai Patel (Indori)	71,000/-
7	Prakash K. Bhagchandani	10,000/-
8	Parsottam A. Sinojia	25,000/-
9	Pratik Sharadchandra Lele	5,000/-
10	Shriram Chandrasekar iyer	11,000/-
11	Ashish Bridgecon Pvt. Ltd.	11,00,000/-
12	Balkrishna Ambalal Patel	1,00,000/-
13	Ashish Maheshbhai Thakkar	25,000/-
14	Amit Madhusudan Trivedi	1,00,000/-
15	Vikrambhai Dahyabhai Patel on Behalf of Jagdishbhai A. Patel	5,00,000/-
16	Vipulkumar Harsinhbhai Chaudhari	25,000/-
17	Vikrambhai Dahyabhai Patel	5,00,000/-
18	Chandravadan Banwarilal Mishra	21,000/-
19	Snehal Bhupendra Shah	1,00,00,000/-
20	Kantibhai Meghijibhai Patel	51,000/-
21	Surendrakumar Keshavlal Patel	9,999/-
22	Jadavji Harjibhai Patel, Kaushal Jadavji Patel	11,00,000/-
23	Ravindra Prabhakar Ulangwar	50,000/-
24	Jayesh Rashiklal Koisa	25,000/-
25	Bharatkumar Ramanlal Dalwadi	21,000/-
26	Alpeshkumar Babubhai damor	25,000/-
27	Dharmesh Champaklal Modi	10,000/-
28	Dharmesh Surendralal Modi	25,000/-
29	Kiran H. Shah, Nimisha H. Shah	1,50,000/-

30	Maheshchandra Shantilal Sharma	50,000/-
31	Jashmatbhai Nanubhai Vidiya	5,50,000/-
32	Nanjibhai Amrishbhai Dabhi	2,75,000/-
33	Jaysukhbhai Harjibhai Goti	2,75,000/-
34	Rajeshbhai Kalidas Patel	2,75,000/-
35	Mansukhbhai karshanbhai Sheta	2,75,000/-
36	Harshadbhai Vitthalbhai Patel	51,000/-
37	Mukeshbhai Natvarbhai Patel	10,000/-
38	Vasant Trimbakeao Deokule	11,111/-
39	Rameshchandra Chhaganlal Patel	50,000/-
40	Mahendrakumar B. Verma	1,00,000/-
41	Kalpeshkumar B. Verma	1,00,000/-
42	Maheshbhai madhubhai Patel	2,51,000/-
43	Jayeshbhai Babubhai Desai	2,51,000/-
44	Sanjay Rameshchandra Patel	11,111/-
45	Ghanshyambhai Lakhimal Keswani	20,000/-
46	Maheshbhai Thakorabhai Patel	11,000/-
47	Manaharbhai Narsinhbhai Patel	11,000/-
48	Jagdishbhai Ishwarbhai Patel	5,00,000/-
49	Outinord Formworks Pvt. Ltd.	8,28,980/-
50	Ashish Mahendrabhai Thakkar	18,825/-
51	Jasvantlal Vallabhdas Thekadi	21,000/-
52	Bipinchandra P. Shah	20,000/-
53	Vinod Vasantlal Panchasara	21,000/-
54	Ishwarbhai Kishorbhai Patel	11,000/-
55	Ketankumar Prahladbhai Patel	10,000/-
56	Vipulkumar Anopchand Shah	5,00,000/-
57	Sunil Arjundas Bakhru	11,000/-
58	Sureshbhai Shankarbhai Patel	11,511/-
59	Keyurkumar hareshchandra Panchal	51,000/-
60	Amrutlal Naranbhai Patel	51,111/-
61	Rashmikant Krishnalal Gandhi	1,75,000/-
62	Kiritkumar natvarlal Sarvaiya	25,111/-
63	Paresh P. Thaker	2,75,000/-
64	Jagrat H Bhatt, Cipriani HARISON Valves pvt Ltd	5,50,000/-
65	Jagrat H Bhatt , Yantra kaushalya Engg. Pvt. Ltd	5,50,000/-
66	Dipchandbhai Nathabhai Patel	1,00,000/-
Total		2,24,32,760/-

Members appreciated the efforts of the institution to connect the alumni for their involvement in academic, administrative governance activities as well as financial support to enhance campus infrastructure.

2022.1&2.24 Nominate four experts/academicians from outside the college for the Academic Council for the period 01-07-2022 to 30-06-2024., vide approval letter no. AC/1/MT/63/1740 dated 30/06/2022.

1. Dr. Sudhir Kumar, Prof. MNIT, Jaipur
2. Dr. Ajitkumar Shukla, Director, PSIT College, Kanpur
3. Er. Deepak Acharya, CEO INOXCVA, Kalol

4. Dr. Urmila Patil, Dean Academic, D Y Patil College, Pune

Dr. V.J.Patel is appointed as Member Secretary of Academic Council for period of 1 year (01/07/2022 to 30/06/2023)

The report was noted

2022.1&2.25 Additional 07 cases approved by DTE of w.e.f. 01/03/2020 in July -2022 vide Chairman approval letter no. F/CVM/Acco./7th Pay/1905 dated 16/07/2022.

The report was noted

2022.1&2.26 BVM received Abdul Kalam Award & cash prize of Rs. 50,000/- for Best Promising Team in DD ROBOCON 2.0, 2022 organized by IIT New Delhi.

Board members congratulated to team members

2022.1&2.Sup-4 Received Various Consultancy Project.

Sr. No.	Agency	Amount	Faculty involved
1	GIDC Industrial Estate	15,00,000/-	Dr. Indrajit Patel Prof. Vimlesh Agrawal Prof. Jagruti Shah
2	ST Nigam Nadiad (Gujarat State Road Transportation Corporation)	2,28,260/-	Dr. Indrajit Patel Dr. Sumant B. Patel Prof. Vishal Patel Prof. Vimlesh Agrawal
3	Ohm Construction	75,000/-	Prof. A.N.Bhavsar
Total		18,03,260/-	

The report was noted & Board members congratulated to team members

2022.1&2.23 Any other matter with the permission of the Chair.

- Dr. D.P. Agrawal briefed about the previous day brainstorming session & NIRF, NAAC & NBA. He shared that many good & innovative things are happening in multidomain. TEQIP for fund utilization shall be planned in strategic way to address NIRF, NAAC, NBA, Patent should turn toward
- Dr. O.G.Kakde shared his view on utilization of for fund @ R&D component. The granted patent can be converted towards commercial.
- Shri. B.M.Vyas shared has thoughts on food processing, solar & other emerging area.
- Prof. Indrajit Patel requested DTE nominee Dr. K.P.Badgujar to look into matter of filling vacant sanctioned post as well as fee issue.

Hon. Chairman appreciated and acknowledged the active participation of Board Members and their constant encouragement for holistic development of the institute. He congratulated Principal and His team as well as students fraternity for attaining benchmarks in different domains. He also appreciated and acknowledged the donations form the alumni and well-wishers for campus infrastructure up-gradation and enhancing student support system as well.

Chairman put up to Board to resolve for the reasonable increase in GIA fee structure to meet with the challenges of manpower & constant up gradation of the infrastructure & computer facility.

He assured full cooperation and support from CVM to build BVM for the next generation.

At the end.....

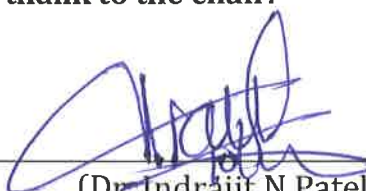
Dr. Indrajit Patel expressed thanks to all Board Members, Management, GTU, DTE, AICTE, UGC, Alumni for their contribution for development of BVM have gained a great mileage in terms of academic and administrative governance as well as quality assurance. TEQIP-3, other funded projects, enhancement of campus infrastructure, establishing and enhancing student support system, ranking and appreciation at national & international level all is possible due to constant mentorship and guidance from Board Members,

He also thanked to all Department Heads, Deans, teaching and non-teaching staff of BVM for their unconditional support for taking BVM to further heights.

Chair and Board members expressed satisfaction on the progress of the institute and achievements towards excellence.

Meeting ended with vote of thank to the chair.




(Dr. Indrajit N Patel)
Principal & Member Secretary
Birla Vishvakarma Mahavidyalaya

No. F/BoG Min 2021.4

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