

MINUTES

Board of Governors

Meeting – 2020.4

held on

08th March 2021

Monday – 10.30 A.M



Birla Vishvakarma Mahavidyalaya

Engineering College (An Autonomous Institution)

Vallabh Vidyanagar – 388120

Phone – (02692) 230104

E mail – principal@bvmengineering.ac.in,

Web Site – www.bvmengineering.ac.in



Minutes of the 2020.4 meeting of the Board of Governors of Birla Vishvakarma be held on **Friday, 08-03-2021 at 10.30 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 | Prin. R.C.Talati | : | Hon. Jt. Secretary, Charutar Vidya Mandal |
| 4 | Dr. D.P. Agrawal | : | Former Chairman, UPSC & Chairman P.G. Board, AICTE, New Delhi (Nominee of CVM) |
| 5 | Dr. S.D.Panchal | : | Professor (Nominee of VC, GTU) |
| 6 | Er. B.M. Vyas | : | BMV Consultant (Nominee of CVM) |
| 7 | Er. Jagdish I Patel | : | Ex. President, VUIA, (Nominee of CVM) |
| 8 | Dr. M.N. Patel | : | Pro vost, Parul University (Nominee of CVM) |
| 9 | Mr. Chetan B. Patel | : | DTE, Gandhinagar Nominee |
| 10 | Dr. Indrajit Patel | : | Principal & Member Secretary, BOG |
| 11 | Dr. B.C. Goradiya | : | Professor & Head EC Dept. |
| 12 | Dr. V.J.Patel | : | Professor, Mechanical Dept. |
| 13 | Dr. Vishal Singh | : | Principal, ADIT – Special Invitee |

Following Members attend the meeting online.

| | | | |
|---|---------------------|---|---|
| 1 | Dr. OmPrakash Kakde | : | Director IIT Nagpur, (Nominee Birla Edu. Trust) |
| 2 | Dr. S.S. Bhosale | : | Professor & Head Civil Dept. Pune (Nominee AICTE) |
| 3 | Dr. S.D.Dhiman | : | Professor Civil Dept. & TEQIP III Coordinator – Special Invitee |

Following Members could not attend the meeting and conveyed Best Wishes

| | | | |
|---|------------------------|---|---|
| 1 | Er. Prayasvin Patel | : | Chairman & MD, Elecon Group of Companies & President (Nominee of CVM) |
| 2 | Dr. (Mrs.) Manju Singh | : | Jt. Secretary UGC |
| 3 | Er. Surendrabhai Patel | : | President, Charusat University, Changa, (Nominee of CVM) |
| 4 | Dr. B.L.Gupta | : | Principal GEC Banswara - Special Invitee |
| 5 | Dr. Himanshu Soni | : | Principal GCET - Special Invitee |
| 6 | Dr. Archana Nanoty | : | Principal, MBIT - Special Invitee |

Dr. Indrajit Patel initiated meeting with permission of Chair and welcome Hon. Chair & Members of BoG. He introduce the representative of GTU and DTE of the meeting.

Dr. Patel presented overall picture of different Curricular, Co-curricular and extracurricular activities organized during last quarter. He briefed about achievements of Students, Faculties and Departments at State & National level. He highlighted the achievements of Mr. Kushagra, NCC cadet, Rutvik Patel & Meha Dave, EC department students & Chintan Ahir, Production department student for their achievements at National level.

He briefed about achievements of Dr. Mefuza Holia, Prof. Dharita Patel, Prof. Rakesh Barot and Dr. J.M.Rathod for their academic excellence achievements.

Principal briefed about upcoming Mega Placement fair 2020 & Smart Gujarat New India Regional Hackathon round to be hosted by BVM Engineering College.

He briefed the status of NAAC, NBA as well as application for extension of Autonomous status.

Dr. Patel informed Board about approval from GTU, BVM recognition as a Ph. D. Research Center in five courses Civil, Computer, Electrical, Environmental and Mechanical.

Dr. Indrajit Patel presented the Institution Performance for the last 3 months (01.10.2020 to 31.12.2020) with Agenda items 2020.4.1 to 2020.4.19. Dr. Indrajit Patel also presented Action Taken Report of 2020.3 BoG Meeting held on 04.12.2020.

BUSINESS

2020.4.1 To confirm the minutes of the 2020.3 meeting of the Board of Governors held on 04-12-2020.

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

2020.4.2 To consider the leave granted to teaching and non-teaching staff members during 1-10-2020 to 31-12-2020.

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

2020.4.3 To note the actions taken by Hon. Chairman:

1) The following expenditures were approved by Hon. Chairman.

| Sr. No. | Description | Estimated expenditure | Funding from | Remarks |
|---------|---|-----------------------|------------------------------------|--|
| 1 | B Block 1 st floor Room no. B206 Renovation | 3,25,000/- | GIA Grant | Work of Color, Flooring, Electrical work etc. |
| 2 | Civil/Furniture & Computing Facilities work of AI & Programming Lab, B201 | 24,36,000/- | Donation from Shri Rajendra Mehta | AI & Programming Lab, B201(E/F/G), B block |
| | | 9,97,337/- | GIA Civil | |
| | | 4,80,000/- | GIA Furniture | |
| 3 | Civil/Furniture & Computing Facilities work of Supercomputing Lab B201 & Seminar Room B201. | 33,50,989/- | Donation from Shri Ketanbhai Patel | Computing Facilities work of Supercomputing Lab B201(B/C) & Seminar Room B201 (A). |
| | | 9,37,796/- | GIA Civil | |
| | | 4,11,200/- | GIA Furniture | |
| 4 | Civil work of classroom A214 to A225, removal of flooring & door. | 1,71,000/- | GIA Grant | Classroom from A214 to A225 |

| | | | | |
|---|--|------------|-----------------|-----------------------------------|
| 5 | Replacement of old CCTV camera & Installation of few new CCTV camera | 4,50,807/- | Renovation fund | A & B block |
| 6 | Advance For Faculty Development Program | 20,000/- | GUJCOST | IT Department |
| 7 | Renewal of Saral PayPack License for the F.Y. 2020-21 | 14,514/- | | For Account |
| 8 | Binding the library periodicals | 14,960/- | GIA | - |
| 9 | Update Computer System & Tally Software | 6950/- | - | Add 4 GB RAM & Window Opt. System |

2) Approval given for renewal of contract period of the following staff member in Self finance component.

| Sr. No. | Name | Date of Joining | Date of completion of contract | Date of renewal from |
|---------|----------------------------------|-----------------|--------------------------------|----------------------|
| 1 | Mr. Amit Patel Lab. Assistant | 09/04/2012 | 02/12/2020 | 04/12/2020 |

3) Approval given for following staff member in Structural dept. (SF) vide approval letter and BVM Letter no. F/SFI/2020-21/PMB/2220.1 dated 21/12/2020.

| No. | Name | Designation | Date of joining | Remuneration p.m. |
|-----|--------------------|-----------------|-----------------|---|
| 1 | Mrs. Pratiti Bhatt | Asst. Professor | 21/12/2020 | Pay band 15600-39100 @ AGP 6000 p.m. |

4) Resignations of the following staff member were accepted and relieved one month early from date of resignation and He pay one month notice period.

| No. | Name & Designation | Date of joining | Resignation | Relieving |
|-----|--|-----------------|-------------|------------|
| 1 | Mr. Chintan Mahant, Asst. Prof., IT Dept. | 01/07/2013 | 01/12/2020 | 31/01/2021 |

5) Approval for shifting of Vallabh Vidyanagar Technical Institute from Electrical Department, BVM Engineering College to CVM ITI. Nana Bazar, Vallabh Vidyanagar vide chairman approval letter no. F/2175 dated 11/12/2020.

6) Prof. Krupali Shah, Assistant Professor, IT Dept. (SF Component) is relieved on 31/12/2020 after office hours completed 3 months' probation period vide letter no. F/2296 dated 31/12/2020.

7) Approval given for closer of Production Engineering B. Tech program (Self finance component) from next academic year vide chairman approval letter no. F/2356 dated 05/01/2021.

8) Approval given for add 36, 00,000/- rs. in budget financial year 2020-21 Self finance vide chairman approval letter no. F/CVM/Acco./2552 dated 21/01/2021.

9) CVM letter no. CVM/81/2020-21/2811-13 dated 30/01/2021, Dr. R.P.Mehta Electrical Dept. to be relieved from the deputation of Principal, Vallabh Vidyanagar Technical Institute w.e.f. 01/02/2021 BOH.

10) Following faculty members of (SF Component) who have completed extended probation period vide approval letter no. F/108/2/2421 dated 8/01/2021 w.e.f. 01/07/2020.

| Name & Designation | Department | Date of Joining | Date of Completion of Probation period |
|---------------------------------------|------------|-----------------|--|
| Mr. Pranay Patel, Asst. Prof. | Computer | 01/07/2017 | 30/06/2020 |
| Mr. Jignesh Brahmhatt, Asst. Prof. | Civil | 01/07/2017 | 30/06/2020 |

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

2020.4.4 To Report : The following staff members are due to retire on the date mentioned against their names.

| Sr. No. | Name & Designation | Date of Birth | Date of Appointment | Date of Superannuation | Date of Retirement as per GR |
|---------|---|---------------|---------------------|------------------------|------------------------------|
| 1 | Shri R. H. Mankad, Jr. Clerk, Admin Office | 02.01.1993 | 01.01.1963 | 31.12.2020 | 31.01.2021 |
| 2 | Shri B.C.Patel, Comp. Prog., Computer Dept. | 20.02.1963 | 01.03.1988 | 19.02.2021 | 28.02.2021 |
| 3 | Prof. P.J.Shah, Asso. Professor, Civil Dept. | 20.05.1959 | 16.04.1982 | 19.05.2021 | 31.05.2021 |
| 4 | Shri R.M. Chavda, Hamal, Workshop | 12.08.1961 | 01.12.1990 | 11.08.2021 | 31.08.2021 |
| 5 | Prof. C.B.Mishra, Asso. Professor, Civil Dept. | 18.09.1959 | 13.09.1985 | 17.09.2021 | 30.09.2021 |
| 6 | Dr. A.K.Verma, Professor, Structural Dept. | 28.10.1959 | 12.02.1986 | 27.10.2021 | 31.10.2021 |
| 7 | Shri D.P.Macwan, Wireman, Workshop | 29.10.1963 | 01.05.1989 | 28.10.2021 | 31.10.2021 |

The report was noted & procedure will be carried out for fill vacant post

2020.4.5 To Report: The following STTPs - Training Programs - Workshops - Expert lectures were organized during 1-10-2020 to 31-12-2020.

| Sr. No. | Coordinator | STTP-Workshop-Expert lecture | Duration | No. of Participants | Funding Agency |
|--------------------------------------|--|---|------------|---------------------|----------------|
| Civil + Structural Department | | | | | |
| 1 | Dr. Pinakin N. Patel Dr. L. B. Zala Prof. A. A. Amin | AutoCAD Civil 3D Training (Horizontal Alignment Design, Vertical Alignment Design) | 14/10/2020 | 101 | TEQIP III |
| 2 | Dr. L. B. ZALA Prof. A. N. Bhavsar Prof. N. F. Umrigar | Webinar on "Importance of interface between | 24/10/2020 | 64 | IE |

| | | | | | |
|---|--|---|---------------------------------|-----|------------------------|
| | | Geotechnical and Structural Engineering” | | | |
| 3 | Prof. Jagruti Shah Dr. Darshana Bhatt | AICTE Training and Learning (ATAL) FDP at our institute on “Software Applications: A Modern Platform for Smart City and Smart Village Infrastru. Development” | 12-10-2020 to 17-10-2020. | 125 | AICTE |
| Production Department | | | | | |
| 1 | Prof. Rakesh Barot | One week online Faculty Development Program on “Recent Advances in Composite Materials "Organized by GEC, Banswara and B V M | 21-12-2020 to 25-12-2020 | 90 | TEQIP III |
| 2 | | NPTEL course on Automation In Manufacturing | 12 week Sept-Dec, 2020 | - | TEQIP III |
| Information Technology Department | | | | | |
| 1 | Prof. Vishal Polara, Prof. Dharmesh Patel | FDP on Recent Trends in AI, ML and Deep Learning | 28-12-2020 to 2-1-2021 | 138 | GUJCOST |
| Electronics & Communication Department | | | | | |
| 1 | Dr. B. C. Goradiya Prof. G B Rathod | Renewable energy - Distributed solar power generation | 2-10-2020 to 2-10-2020 | 26 | - |
| 2 | Dr. B. C. Goradiya Prof. Palak K.Patel | Introduction to Machine learning and Deep learning | 3-10-2020 to 3-10-2020 | 55 | BVM Alumni Association |
| 3 | Dr. B. C. Goradiya, Prof. Robinson Paul | Career in the Core Electronics Field and its path - Experience sharing of life at Intel and e-infochips | 4-10-2020 to 4-10-2020 | 51 | - |
| 4 | Dr. B. C. Goradiya | AICTE ATAL FDP On Internet Of Things (IoT) | 14-12-2020 to 18-12-2020 | 103 | AICTE- ATAL |

The reported was noted and appreciated.

2020.4.6 To Report : The following faculty members have participated in various STTPs - Training Programs - Workshops -Expert lectures – Digital Platform Quiz -Courses during 1-10-2020 to 31-12-2020.

| Department | No. of Faculties | No. of Events |
|--------------------|------------------|---------------|
| Civil + Structural | 09 | 33 |
| Electrical | 08 | 08 |
| Mechanical | 01 | 01 |
| Computer | 03 | 04 |
| Electronics | 04 | 11 |

| | | |
|------------|----|----|
| Production | 02 | 02 |
| Humanities | 03 | 06 |
| IT | 11 | 29 |
| EC | 11 | 18 |

The report was noted and appreciated.

2020.4.7 To report : Details of testing and consultancy work carried out during 1-10-2020 to 31-12-2020.

| Sr. No. | Details of work | Client | Amount | Faculty involved |
|----------------------------------|--|--|--------------------|---|
| (A) Structural Department | | | | |
| 1 | Checking and Vetting of Structural Design and Drawings for the Project of "Library Building" "Guest House Building" | Shree Somnath Sanskrit University- Veraval | 64,268/- | Dr. I. N. Patel Prof. V. V. Agrawal Prof. V. B. Patel |
| 2 | Checking and Vetting of Structural Design and Drawings and Structural Stability of "Tourism building" at Mangarh-Di. Lunawada- Mahisagar | Gujarat Tourism | 1,94,700/- | Dr. I. N. Patel Prof. V. V. Agrawal Prof. V. B. Patel |
| 3 | Checking and Vetting of various projects during 23.10.2019 to 10.11.2020. | Geo Designs & Research (P) Ltd., Vadodara | 89,569/- | Prof. S. B. Patel Dr. S. V. Mevada |
| 4 | Checking and Vetting of Structural Design and Drawings for the Project of "Solar Mounting Str. Phase 2," | Rotomac & Solex V.U.Nagar | 10,000 | Dr. I. N. Patel, Prof. V. B. Patel |
| 5 | Testing of Materials | Various Agencies | 3,56,960/- | Structural Department |
| Total | | | 7,15,497/- | |
| (B) Civil Department | | | | |
| 1 | Environmental Audit | Various Agencies | 7,64,960/- | Dr. Reshma Patel Mr. J.I.Brahmbhatt Mr. Sanket Patel |
| (C) Consultancy | | | | |
| 1 | Testing & Design Consultancy | Various Agencies | 6,13,871/- | |
| Total (A+B+C) | | | 20,94,328/- | |

The report was noted, Members appreciated increase in efforts towards resource utilization and involvement of faculties in testing and consultancy activities leading to IRG.

2020.4.8 For Information: Training & Placement Cell team Dr. Akshay Pandya, Prof. Mehul Patel, Dr. Mehul Shah and Prof. Hardik Patel are coordinating Training & Placement activities.

Placement of BVM students during 1-10-2020 to 31-12-2020

| Sr. No | Name of company | CE | CP | EL | EE | EC | ME | PE | IT | Total | Package (in LPA) |
|--------|------------------------|----------|-----------|-----------|----------|----------|----------|----------|-----------|-----------|------------------|
| 1 | TCS(Digital) | - | 1 | - | - | 2 | - | - | 5 | 8 | 7 |
| 2 | Cybercom Creation | - | 1 | - | - | - | - | - | 1 | 2 | 2.64-3.12 |
| 3 | Viitorcloud | - | 6 | - | - | - | - | - | 3 | 9 | 3-5 |
| 4 | One Advanced | - | 1 | - | - | - | - | - | - | 1 | 6-7 |
| 5 | Cognizant | - | 1 | 2 | - | - | 1 | 1 | 2 | 7 | 4-7 |
| 6 | Solute Technolabs | - | - | - | - | - | - | - | 3 | 3 | 3.7 |
| 7 | Simform Technologies | - | 1 | - | - | - | - | - | 1 | 2 | 3 |
| 8 | Torrent Power | - | - | - | 2 | - | - | - | - | 2 | 3.75 |
| 9 | LTTS | - | 2 | 2 | 1 | - | - | - | - | 5 | 4 |
| 10 | Maxim Integrated | - | - | - | - | - | 1 | - | - | 1 | 5 |
| 11 | Synoverge Technologies | - | - | - | - | - | - | - | 1 | 1 | 2.65-3.3 |
| 12 | Shaligram Infotech | - | 1 | - | - | - | - | - | - | 1 | 2.4-3 |
| 13 | L&T | 2 | 1 | - | 1 | 1 | 2 | - | - | 7 | 6 |
| 14 | Collabera | - | - | - | - | 1 | - | - | - | 1 | 2.64 |
| 15 | Matrix Comsec | - | - | 2 | - | 2 | - | - | - | 4 | 3.5 |
| 16 | VVDN | - | - | 2 | - | - | - | - | - | 2 | 3.2 |
| 17 | Bacancy(EC EL) | - | - | 1 | - | - | 1 | - | - | 2 | 2.52 |
| 18 | eDelta | | - | - | - | - | - | - | 1 | 1 | 3.2 |
| 19 | Infi Civil | 1 | - | - | - | - | - | - | - | 1 | 2.4-3 |
| 20 | TCS Ninja | - | 1 | 6 | 3 | 1 | 1 | - | 3 | 15 | 3.36 |
| | Total | 3 | 16 | 15 | 7 | 7 | 6 | 1 | 20 | 75 | |

▪ **About Training Programs:**

Employability is one of the most concerned for technical graduates. BVM has taken initiative under TEQIP III and has developed and conducted various training programs for all the students of all levels of B. Tech. Dr. Indrajit Patel, Principal, BVM has constantly motivated and guided in this regard for the improvement of the employability of the BVM students.

| Sr. No. | Date | Programme | No. of Participants | Remarks |
|---------|------------|--|---------------------|-----------|
| 1 | 24-11-2020 | AMCAT 2020 for 2 nd , 3 rd & Final Year Students | 762 | TEQIP III |
| 2 | 12-12-2020 | AMCAT 2020 for 1 st Year Students | 318 | TEQIP III |
| 3 | 25-10-2020 | Webinar on "Various Competitive Exams for Engineering Students" | 57 | IMPACT |
| 4 | 28-11-2020 | Webinar on "Current Industry Scenario: Jobs And Education System And The | 63 | IMPACT |

| | | | | |
|---|------------|--|-----|----------------------------|
| | | Career Opportunities With Learning Japanese Language” | | |
| 5 | 20-12-2020 | Webinar on “Indian Government Exams and Opportunities” | 104 | STEM Educators’ Consortium |

The report was noted and appreciated.

2020.4.9 For Information: Paper Presentation - Publication at International-National - Workshops - Seminar - Conferences etc. by the staff members during 1-10-2020 to 31-12-2020.

| Sr. No. | Department | No. of Publication |
|---------|-----------------------------|--------------------|
| 1 | Structural | 13 |
| 2 | Mechanical | 1 |
| 3 | Computer | 3 |
| 4 | Production | 4 |
| 5 | Information Technology | 1 |
| 6 | Electronics & Communication | 1 |
| 7 | Humanities | 4 |

The publication report was noted and emphasized for publications in referred journal

2020.4.10 For Information: Details of Research & development Projects submitted to various funding agencies.

| Sr. No. | Name of Coordinator | Project Title | Funding Agency | Amount Rs. |
|-------------------------------|---------------------|---|----------------|-------------|
| Electronics Department | | | | |
| 1 | Dr. M. S. Holia | Bandwidth Extension of speech signal for Next generation wireless communication | DST-GUJCOST | 5,13,615/- |
| Electrical Department | | | | |
| 2 | Dr. R. P. Mehta | Design, Control and Testing and of Electric Vehicle Motors | AICTE-RPS | 25,00,000/- |

Details of Project Grant Received.

| Sr. No. | Name of Coordinator | Project Title | Funding Agency | Amount Rs. |
|--|---|--|----------------|------------|
| Information Technology Department | | | | |
| 1 | Dr. Keyur Brahmhatt, Prof Vishal Polara | FDP on Recent Trends in AI, ML and Deep Learning | GUJCOST | 20,000/- |
| | | | | |

| Structural Department | | | | |
|---|--|---|-------|------------|
| 2 | Prof. Jagruti Shah Dr. Indrajit Patel | AICTE –AQIS for conducting FDP on “Smart cities enabling technologies: A step towards New India”. | AICTE | 3,28,333/- |
| Electronics & Communication Department | | | | |
| 3 | Dr. B. C. Goradiya | AICTE ATAL FDP | AICTE | 93,000/- |

Board congratulated to all departments

2020.4.11 To report : The activities organized by the following ISTE Faculty & Student chapter, IE(I) Students Chapters, NCC & NSS activities during 1-10-2020 to 31-12-2020.

| Different Chapters | No. of Events |
|---|----------------------|
| Civil Department - IE(I) Students Chapter | 01 |
| Mechanical-Production Department - IE(I) Students Chapter | 01 |
| Electrical Department - IE(I) Students Chapter | 03 |
| Electronics Department - IE(I) Students Chapter | 01 |
| ISTE Student Chapter | 07 |
| IEEE Students Branch | 02 |
| NCC | 05 |
| TRS Student Chapter | 01 |

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

2020.4.12 Special Achievements Students

1. Electronics & Communication Department

- Rutvik Patel and Meha Dave Students from EC Won Third Price in” Digital India” Category in Students engineering Model Competition and Expo held at 6 th India International Science Festival 2020 Inaugurated by Honorable Prime Minister Narendra Modi.
- Vatsal Shah Student from EC worked as Esteem Member of International General of Creative Research Thoughts.
- Vatsal Shah, Dhruv Patel and Parikshit Mishra Presented Paper Title” Abnormality Detection Based on ECG segmentation “in 4th International Conference on Advanced Informatics for Computing Research(ICAICR*-2000)held During 26-27 December-2020 at Gurugram Haryana-India

2. Production Department

- The student of Final Year Mr Chintan Ahir (17PE415) initiated his start-up firm Lions Future Tech Pvt. Ltd along with his regular studies. His firm will provided services for micro-mobility of all kinds of electric vehicles.

3. Electronics Department

- Pankti Shah Secured 2nd Rank in all over the India in “AISYWLC GOT TALENT” Competition.

- Joshi Ishwariy, Dot Slash 3.0 Hackathon in SVNIT Surat 2020 - This is the 48 hours long hackathon and we team iTronics won a **First prize** in this Hackathon dated 18/1/2020.
- Joshi Ishwariy, GUJCOST Robofest 1.0 Rover Category - GUJCOST organized a robotic competition called Robofest 1.0 and our Team BVM had taken part in this event and we cleared the three and won a total **Prize money of 5 lakh INR** dated 14/12/2020.
- Joshi Ishwariy, Technext 1.0, GSFC University - Its 24-hour long hackathon first time organized in GSFC University and our team iTronics won a **1st prize**. Dated 1/3/2020.
- HexaHive 2.0, Parul Institute of Technology -This is a 24-hour run hackathon and we secured **2nd position** in this competition. Dated 27/2/2020.

4. Mechanical Department

- Jay Prajapati, Hussain Badri, Dhairya Parikh, Harshil Patel won award of rs. 2,50,000/- of state level "ROBOFEST Gujarat 1.0" Competition in Level III.

5. Electrical Department

- Kedar Patel (17EE024) - Applied for provisional patent on "Design of magnetic interlocking mechanism for solar panel" in September 2020. Now applied for funding from SSIP for full patent.
- Galav Bhatt (18EE027)- Presented a paper "Mathematical Analysis of the Ocean Plastic Pollutants" in International Conference ICRISSET2020 and paper got selected for publication in SCOPUS indexed journal Solid State Technology for January 2021 issue.
- Paras Rajeshbhai Dhagal (18EE301) Final year Electrical Engg. has completed 300 km running during 29-08-20 to 27-09-20 under "Fit India Freedom Run" and "Global Peace Movement Run" initiated by Prime Minister shri Narendra Modi on 74th Independence Day. And it was published in the newspaper Gujarat Samachar of 11th October 2020 also.

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

2020.4.13 Special Achievements Staff Members

1. Electronics & Communication Department

- Dr. Bhargav C. Goradiya keynote speaker: "Wearable Electronics Technology and Challenges" Webinar on 2nd October, 2020 organized by Institute for engineering research and publication (IFERP).

2. Production Department

- Dr A M Trivedi Initiated corporate learning interactions with practicing corporate professionals of Elecon Group of Companies through case based studies.

3. Electronics Department

- Dr.Mehfuza S. Holia, Received Gold medal and top position in NPTEL, MHRD MOOC course, "Microprocessors and Microcontrollers" offered by IIT Kharagpur.

4. Mechanical Department

- Dr. Vinay Patel (Mentor) won award of rs. 2,50,000/- of state level "ROBOFEST Gujarat 1.0" Competition in Level III.

5. Electrical Department

- Prof. Dharita K. Patel received Certificate of Appreciation for NPTEL course on TI Embedded System Design using MSP430 MCU MOOC for fostering the ecosystem

bridging Government, Academia and Industry from TEXAS INSTRUMENTS for rendering service as a mentor in the course.

Following staff members have delivered expert talk on different platforms:

| Sr. No. | Name of Faculty | Place & Title of Programme | Topic | Date |
|---------|----------------------|--|---|------------|
| 1 | Dr. Vishal A. Arekar | Webinar organized by CHARUSAT, Chnaga | Analysis with ANSYS | 25-10-2020 |
| 2. | Dr. S. V. Mevada | Seismic Risk Mitigation and Vibration Control of Structures by RK University | vibration control of structures | 25-11-2020 |
| 3. | Dr. S. V. Mevada | Expert Talk organized by the Department of Civil Engineering, Terna Engineering College, Nerul, Navi Mumbai | IS 1893: through understanding | 06-11-2020 |
| 4. | Prof. V. V. Agrawal | National Mathematics Day by VC Patel | Fundamentals of Maths basics | 22-12-2020 |
| 5. | Prof. V. B. Patel | A GUJCOST Sponsored Programme of Fundamental Design Using Staad Pro. | Understanding Structure and Staad.pro | 30-11-2020 |
| 6. | Prof. V. B. Patel | A GUJCOST Sponsored Programme of Fundamental Design Using Staad Pro. | Exercising earthquake and wind load in staad. pro | 03-12-2020 |
| 7. | Dr. S. V. Mevada | AICTE Training And Learning (ATAL) Academy Online Faculty Development Program On | Seismic analysis & Retrofitting of structures | 30-11-2020 |
| 8. | Dr. R.B.Gandhi | workshop on "Role of Applied Science and Humanities to Engineering" organized by ASH department, Madhuben & Bhanubhai Patel Institute of Technology(MBIT), V.U.Nagar | Integral Calculus: Single and Multivariate | 17-12-2020 |
| 9. | Dr. Manisha Bhatt | Guest lecture series on the occasion of National Mathematics Day under DBT STAR college | Application of Integration | 17-12-2020 |
| 10. | Dr. M.E.Shimpi | Guest lecture series on the occasion of National Mathematics Day under DBT STAR college | Applications of Mathematics in Real Life | 16-12-2020 |
| 11. | Dr. Akshay A. Pandya | GUJCOST Sponsored and Organized by Department of Electrical Engineering, V. V. P. Engineering College, Rajkot | Pathways for Grids of the Future | 26-12-2020 |

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

2020.4.14 Patent Award:

| Sr. No. | Faculty Name | Title of patent-Award | Other details of Patent - Award | Month & Year |
|---------|--|--|--|--------------|
| 1 | Dr. Vatsal Shah | Dmrt For Memory Management In Real-Time Operating System Using Memsimrt | Patent | 23/10/2020 |
| 2 | - Ka Patel Dhruvi (M.Tech. student) - M.I.Hasan - N.M.Patel -K.J.Sharma | Nd2tb – Novel Diagnosis Device For Tuberculosis | Patent published (Application id 202021041834) | 9/10/2020 |
| 3 | Rakesh Barot | "Best Paper Award" for Research paper Implementation of lean practices in water heater manufacturing industry in "International Conference & Exposition on Mechanical, Material and Manufacturing Technology | Award | 9/10/2020 |
| 4 | Dr. J.M. Rathod | National Award name as " Shiksha Bharati Award " on 19 th November-2020; it's an honor for Achievement and Contribution in Nation Building by Indian Achievers' Forum & Achievers' | Award | - |
| 5 | | National Award name as " Honour of Excellence in Research "; 5 Stars for Edge India Times Award for Excellence in Research. Edge India Times Award were organized by Edge India Publications Private Limited. | Award | 15/11/2020 |

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

2020.4.15 Details of Academic Section.

Minutes of the meeting of the Academic Council (AC.2021.1) of BVM Engineering College held on 24.10.2020 at 11.00 am online via MS Teams.

The report was noted.

2020.4.16 Agenda for TEQIP – III Project

To take note of followings:

1. **Data submitted to NPIU through Google Link regarding:**
 - Estimated Monthly expenditure and status of GeM Login on 07-10-2020.
 - Actual and Estimated Expenditure Details_ BVM Engineering College-Gujarat shared to Mr.Kapil Dey as on 19-11-2020.
 - TEQIP-III: Submission of Equity Action Plan 2020-21 21-11-2020.

- TEQIP Phase-III Submission of Financial Management Indicators Report for the period from 01.07.2020-30.09.2020 (July to Sep 2020) on 28-11-2020.
- TEQIP-III—Six monthly Internal Audit Report F.Y 2020-21 for the Period from 01.04.2020 to 30.09.2020 (April to Sep 2020) on 03-12-2020.
- Creation of Sub- Nodal Officer at Institution level for NIC CPP e-procurement portal under NPIU Organizational Structure 04-12-2020.
- Submission of Action plan for the 4th Qtr. (Jan. to March, 2021) for F.Y. 2020-21—reg. on 11-12-2020.
- Information required for 18th review meeting submitted to Mr. Kapil Dey on 17-12-2020.
- Evidence for benchmark review for MHRD on 21-12-2020 to Mr.Kapil Dey.
- Information on faculty position on 28-12-2020 Mr.Kapil Dey.
- 2. TEQIP-III—Six monthly Internal Audit Report F.Y 2020-21 for the Period from 01.04.2020 to 30.09.2020 (April to Sep 2020) on 03-12-2020. **(Encl. IV)**
- 3. Dr. D G Thakore, Head, Computer Engineering Department attended ICC meet (online) organized EC- Banswara on 18th December 2020.
- 4. Dr. R P Mehta, Head, Electrical Engineering Department attended ICC meet (online) organized by EC- Banswara on 21st December 2020.
- 5. Dr. H J Chauhan, Assistant Professor, Civil Engineering Department attended ICC meet (Online) organized by EC- Banseara on 24th December 2020.
- 6. Dr. Jignesh Patel (Twinning coordinator, EC Banswara) & Prof Shubham Awasthi (TEQIP Coordinator, EC Banswara) visited BVM during 11th & 12th Jan 2021 and Visit to BVM digital Library facility as well as CRS Project discussion with Dr Hitesh Bhargav (CoPI with Mr Shubham Awasthi), Guidance on Performance Audit, Twinning Activity, T&P Activities, Motivation and guidance on Upcoming Conference.

Following online activities were organized for Faculties and Students (from 01.10.2020 to 31.12. 2020)

1. Institute Organized Induction Programme (Digital Mode) for First year students during 19th October 2020 to 11th November 2020.
2. Computer Engineering online delivered Expert lecture under GATE Exam Preparation classes for core subjects (Operating Systems) for Third and Fourth Year Computer Engineering Students during 24th and 25th October, 2020
3. Civil Engineering Department organized Webinar on “Importance of interface between Geotechnical and Structural engineering” on 24th October 2020.
4. Civil Engineering Department organized Hands on Session on "CAD D for 2nd level Civil Engineering Students during 04th December 2020 to 21st December 2020.
5. Institute organized online GATE Preparation Classes of Fluid Mechanics for 03rd and 04th Year Students of Civil, Mechanical and Production Engineering Students during 21st to 25th and 28th -30th November, 2020.

To Approve:

- 1 Participation of Faculty members in various events like Conferences/ Seminars/ training programs/ capacity enhancement programs and paper publications under TEQIP-III. **Encl : V**
- 2 Latest Procurement Plan (From 01 Sep 2017 to 31 Dec 2020) in PMSS as on 22-01-2021. **Encl : VI**
- 3 Completed packages with 100% payment done **Encl : VII**

Notes to Procurement Status as on 31-12-2020:

- 96.25% (Amount of Rs. 3, 36, 88,479) of the maximum limit (Amount of Rs. 3, 50, 00,000) for procurement has been utilized, which is an achievement as per the benchmarks set by the NPIU and in comparison to the similar beneficiary institutes nationwide.
- A change in Procurement Guidelines for the TEQIP-III Project institution with effect from 22nd June 2020 delayed the Procurement Activity. With reference to revised procurement guidelines (w.e.f 22-06-2020) received from NPIU New Delhi, procurement of Goods & Services shall mandatorily be procured through GeM. BVM Engineering College is being a Grant-In-Aid does not have the email in the domains of .gov.in /nic.in. Institute has communicated through email and phone to the Higher & Technical Education Department, Gujarat for providing .nic or .gov login for GeM procurement.
- Since as per the latest NPIU instructions, the last date for issuing any PO under the TEQIP-III is 31-01-2021 and hence the remaining fund of rs. 13, 11,521 can be re-allocated for the academic activities with more priority.

- 4 All expenses and Financial Monthly Reports (FMRs) for the months of October 2020 to December 2020. **Encl : VIII**
- 5 Financial Management Indicator Report for the period 01-07-2020 to 30-09-2020 (April to June 2020) submitted to NPIU on 28-11-2020. **Encl : IX**

The report was noted. Principal shared highlights of the project, progress, achievements and exit strategy. He highlighted commitment of coordinator, apex team and project administration team.

2020.4.17 For Information : Details of Ongoing Projects at Institute

| Name of Project | Funding Agency | Amount |
|------------------------|---|---------------|
| TEQIP – III | National Program Implementation Unit, New Delhi for Technical Education Quality Improvement Program – III sponsored by World Bank and Ministry of Human Resource Development under Twinning Arrangement | 7,00,00,000/- |
| SC- ST Students Hostel | All India Council for Technical Education (AICTE) | 2,00,00,000/- |
| MODROB | All India Council for Technical Education (AICTE) for developing laboratory | 67,28,000/- |
| GUJCOST | The Gujarat Council on Science and Technology, Government of Gujarat | 20,50,000/- |
| Unnat Bharat Abhiyan | Government of India, Ministry of Human Resource Development (MHRD) | 5,50,000/- |
| SSIP | Government of Gujarat | 1,20,00,000/- |

The report was noted

2020.4.18 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 due to COVID-19, reunions were not possible but the Team has made extra efforts on working on Data bank, Membership drive and also fund raising for overall infrastructural development of BVM.

1. BVM Alumni Women Wing has conducted 1st Google meet on 15th October, 2020 at 9.30 am to discuss the strategy of work and to form the Women wing team by including more women alumni from other institutes which was attended by 6 members of the Core team.
2. BVM Alumni Association has conducted 4th Executive Committee Meeting on Thursday 29th October, 2020 through the online platform i.e. Google Meet which was attended by most of the Executive members.
3. BVM Alumni Association has conducted 1st Fund Raising Committee Meeting on Thursday 3rd December, 2020 through the online platform i.e. Google Meet which was attended by most of the committee members.
4. Annual Nadiad BVM Alumni Reunion 2020 was organized on Tuesday, 15th December, 2020 at 3.30 pm to 5 pm virtually on Google meet platform to get together and for providing information about the activities of BVM Engineering College and BVM Alumni Association. More than 30 members have participated virtually and gave their inputs.
5. 58th Annual General Meeting of BVM Alumni Association was held in the Auditorium of BVM Engineering College on Sunday, December 27, 2020 on a mix mode (Online & Offline) at 11:00 am, owing to the pandemic situation in accordance with the government guidelines. The AGM was successfully organized with all safety measures and attended by 46 Alumni in the Auditorium including active local EC Members, HOD and the faculty members in BVM Auditorium and 15 EC members attended it on Google Meet. BVMites from various parts of the world attended the program at different time zones on YouTube due to Covid Pandemic.

List of Donations received from 1-10-2020 to 31-12-2020

| | |
|--|-------------|
| Support Alumni Activities | 47,040/- |
| Dr. R M Dave Loan Scholarship Fund (Interest Free) | 19,000/- |
| Prof. J T Deokule Refundable Loan Scholarship | 11,000/- |
| Dr. N C Pandya Refundable Loan Scholarship | 11,000/- |
| Scholarship Fund | 15,060/- |
| Unknown | 11,000/- |
| BVM Endowment Fund | 12,13,000/- |

The report was noted.

2020.4.19

Hon. Chairman given approval for registration in Ph.D as a part time for the following candidates.

| Sr. No. | Name | Designation | Department | University |
|---------|-------------------------|-------------|-------------|----------------|
| 1 | Prof. Neha R. Patel | Asso. Prof. | Civil | GTU |
| 2 | Prof. Chetan Jayswal | Asst. Prof. | Electronics | GTU |
| 3 | Prof. Niraj Ada | Asst. Prof. | Electronics | GTU |
| 4 | Prof. Anita Bhatt | Asst. Prof. | Electronics | GTU |
| 5 | Prof. Vijaypratap Singh | Asst. Prof. | Mechanical | GTU |
| 6 | Prof. Jagruti Shah | Asst. Prof. | Structural | CVM University |
| 7 | Prof. Dharmesh Patel | Asst. Prof. | IT | CVM University |

| | | | | |
|---|-----------------------|-------------|------------|----------------|
| 8 | Prof. Jigisha Thakkar | Asst. Prof. | Production | CVM University |
| 9 | Prof. Pratiti Bhatt | Asst. Prof. | Structural | CVM University |

The report was noted and approved

2020.4.20 Carrier Advancement Committee (Nominated by Principal) for considering the eligible cases for re-designation of Asst. Prof. to Asso. Prof. Based on the DTE reference and AICTE CAS recommendations vide dated 18-02-2021, the members have reviewed the cases considering the criterion of drawing the AGP of 9000 for re-designation of the incumbent Asst. Prof. which are listed as below.

| Sr. No. | Name | Date of Joining | AGP Date | Qualification |
|---------|--------------------------|-----------------|------------|--------------------------------------|
| 1 | Dr. Hasmukh J. Chauhan | 16-11-1999 | 25-07-2013 | Ph.D. IIT Rurkee Dt. - 25-02-2017 |
| 2 | Dr. Snehal V. Mevada | 01-08-2002 | 01-08-2015 | Ph.D. IIT Bombay Dt. - 08-10-2012 |
| 3 | Shri. Jagdish K. Chauhan | 01-09-1989 | 26-05-2007 | ME GTU Dt. - 28-03-2014 |
| 4 | Shri. Manish N. Sinha | 16-11-1999 | 16-11-2013 | ME SPU Dt. - 01-08-2007 |

Matter was discussed at length. Principal will put a brief note to Hon. Chairman for further guidance.

2020.4.21 Any other matter with the permission of the Chair.

- Dr. M.N.Patel suggested to take advantage of Alumni in Academies & Research activities inviting them as visiting / adjunct faculties.
- Dr. O.G.Kakde shared his view of NAAC & NBA parameters achievements.
- Dr. D.P.Agrawal briefed about salient feature of NEP 2020, How BVM can take advantage as an Autonomous College. He Emphasis on activities related to Entrepreneurship & Self Employment. He shared his view on credit bank for different activities & flexibility in curriculum as well as opting MOOC courses.
- Dr. S.D.Panchal assured full co-operation from GTU to excel BVM Autonomous status.

From Chair

Hon. Chairman informed Principal to inform all departments about maximum utilization of infrastructure, laboratory, computing facilities and software to enhance testing consultancy and research activities. More quality publications and sponsored research projects must be contributed by all departments particularly the Ph. D scholars. He addresses thoughts towards holistic development of youth and mentoring students for their sustainable growth.

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

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 during their tenure of three year. BVM have gained a great mileage in terms of academic and administrative governance as well as quality assurance. TEQIP3, NBA, 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 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 Congratulated Principal, All leaders, and BVM family members for constant efforts 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 2020.4/108-2/

Date:

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