

# MINUTES

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*Board of Governors*

*Meeting – 2020.2*

*held on*

*28<sup>th</sup> August 2020*

*Friday – 10.30 A.M*



***Birla Vishvakarma Mahavidyalaya***

*Engineering College (An Autonomous Institution)  
Vallabh Vidyanagar – 388120*

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# Birla Vishvakarma Mahavidyalaya [An Autonomous Institution]

Engineering College,  
Vallabh Vidyanagar – 388120

Minutes of the 2020.2 meeting of the Board of Governors of Birla Vishvakarma be held on **Friday, 28-08-2020 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	Er. Surendrabhai Patel	:	President, Charusat University, Changa, (Nominee of CVM)
4	Prof M P Zakania	:	Principal, GP Kheda, CTE nominee
5	Er. Jagdish I Patel	:	Ex. President, VUIA, (Nominee of CVM)
6	Er. P.H. Rana	:	Former Member Technical, Gujarat Urja Vikas Nigam Ltd. (Nominee of CVM)
7	Dr. Indrajit Patel	:	Principal & Member Secretary, BOG
8	Dr. A.M. Trivedi	:	Professor & Head Production Dept. (Nominee of CVM)
9	Dr. B.C. Goradiya	:	Professor & Head EC Dept. (Nominee of CVM)
10	Dr. Vishal Singh	:	Principal, ADIT – Special Invitee
11	Dr. Archana Nanoty	:	Principal, MBIT - Special Invitee
12	Dr. S.D. Dhiman	:	Asso. Prof. Civil Dept. & TEQIP III Coordinator

## Following Members attend the meeting online.

1	Dr. OmPrakash Kakde	:	Director IIT Nagpur, (Nominee Birla Edu. Trust)
2	Dr. D.P. Agrawal	:	Former Chairman, UPSC & Chairman P.G. Board, AICTE, New Delhi (Nominee of CVM)
3	Dr. M.N. Patel	:	Pro vost, Parul University (Nominee of CVM)
4	Dr. S.D.Panchal	:	Professor (Nominee of VC, GTU)

## 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. B.M. Vyas	:	BMV Consultant (Nominee of CVM)
4	Dr. C.B. Bhatt	:	Principal Govt. MCA College, Ahmedabad, (Nominee of Education Dept. GOG)
5	Prin. R.C.Talati	:	Hon. Jt. Secretary, Charutar Vidya Manda
6	Dr. Shivlal	:	Principal GEC Banswara - Special Invitee
7	Dr. Himanshu Soni	:	Principal GCET - Special Invitee

With the permission of the Chair Dr. Indrajit Patel, Principal & Member Secretary initiated the meeting with welcome address on behalf of BVM and CVM family. He introduced the members and briefed about their contribution to technical society. Dr. Indrajit Patel presented overall picture of various activities, development and achievements since last meeting terms of academic and administrative governance, placement, infrastructure and human resource as

well as various projects received from different funding agencies, He put on record contribution of CVM and well-wishers for the infrastructural developments and student support system on campus. He put the words that our team will work with same spirit and continue to exhibit full strength and dedication for the betterment of youth and society under the dynamic leadership of Er. Bhikhubhai Patel and mentorship of all Board Members. .

He briefed about various activities organized by different departments and professional society chapters, central committee, WDC, NSS and NCC during pandemic situation. He mentioned about the flagship events like International Tech Conclave, Aatmanirbhar Bharat Ideathon and Hackathon, International symposium on technology and management as well as social services during pandemic time. He briefed about verities of activities undertaken by faculties through digital platform.

Dr. Patel informed about upcoming Mega event 2<sup>nd</sup> edition of International Conference on Innovation and Research in Science, Engineering & Technology, ICRISSET2020 during 4-5 September 2020 sponsored by TEQIP3 in association with different National and International organizations.

Dr. Indrajit Patel presented the Institution Performance for the last 3 months (01.04.2020 to 30.06.2020) with Agenda items 2020.2.1 to 2020.2.21. Dr. Indrajit Patel also presented Action Taken Report of 2020.1 BoG Meeting held on 26.06.2020.

Dr. S.D. Dhiman, TEQIP-III Coordinator presented the report for the period from 01.04.2020 to 30.06.2020.

### **BUSINESS**

**2020.2.1** To confirm the minutes of the 2020.1 meeting of the Board of Governors held on 26-06-2020.

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

**2020.2.2** To report: Actions taken on the resolution passed at 2019.3 meeting of the Board of Governors held on 26-02-2020 vide item no. 2019.3.7.

**ATR was presented and all members appreciated follow up action at appropriate level.**

### **Action taken on the Resolution**

The following members were relieved as detailed below:

<b>Sr. No.</b>	<b>Name &amp; Designation</b>	<b>Date of Appointment</b>	<b>Date of Superannuation</b>	<b>Date of Retirement as per GR</b>	<b>Total Service</b>
1	Prof. A.A.Shaikh, Asso. Professor, Electrical Dept.	08-03-1982	15-06-2020	30-06-2020	38.3 yrs.
2	Mrs. Ponnamma James, Sr. Clerk, Admn. Office	01-02-1990	27-05-2020	31-05-2020	30.3 yrs.

**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.**

**2020.2.3** To consider the leave granted to teaching and non-teaching staff members during 1-04-2020 to 30-06-2020.

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

**2020.2.4** To consider the library report for the period from 1-04-2020 to 30-06-2020.

**The report was noted and approved. Members appreciated for RFID System, Book bank scheme for needy students and digital book concept.**

**2020.2.5** To note the actions taken by Hon. Chairman:

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

Sr. No.	Description	Estimated expenditure	Funding from	Remarks
1	Wall-mounted cabinet cupboards from Lintel level to downwards	63,600/-	GIA (Maintenance & Furniture account)	For Embedded Systems Laboratory Electrical Dept.
2	Wooden cupboards with racks			
3	Two desk on two sides of a dynalog PLC automation panel			
4	Filament for 3D printer PlaPlvs 1kg spool – 20 kg	33,984/-	Department GIA Budget	For 3D printer for Production dept. lab
5	Budget for “Aatmanirbhar Bharat Hackathon”	37,500/-	GIA (Gymkhana)	Held on 9 <sup>th</sup> and 10 <sup>th</sup> July 2020.
		19,500/-	SSIP	
		45,000/-	TEQIP	
		860/-	Industry	
6	Installation of Solar Rooftop System (approval for 50% Advanced Payment rs. 18,00,000/-)	Total Cost 36,00,000/-	CVM	Solar rooftop system
7	Approved of E – Package	8,26,446/-	GIA	1. IEEE – ASPP 2. IEEE – POP
8	Civil Maintenance Repairing Work	36,864/-	GIA	Generator Room
		58,194/-		Panel Room
9	Approved cost of Bio face Machine for attendance	7875/-	GIA	For Attendance to avoid physical touch.

**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. Chirag R. Patel Lab. Attended	06-02-2012	02-05-2020	04-05-2021

2	Mr. Keval Pandya Wireman	12-09-2011	31-05-2020	02-06-2021
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3) Approval given for following staff member (SF Component) purely on Adhoc basis for ERP section.

Sr. No.	Name	Designation	Date of joining	Remuneration p.m.
1	Mrs. Mansi Desai	Adhoc Computer Asst.	01-07-2020	10,000/-

4) CVM Governing Body passed resolution in it's Governing Body & Council minutes of meeting held on 27-05-2020 vide CVM Circular No. CVM-Meeting-2020-21-165 dated 14-05-2020 sanctioning Dearness Allowance as below as per Government of Gujarat Finance Department, Resolution no. Vallabh-102019-GOE-16-Ch dated 15-02-2020.

**The arrears paid to Grant in Aid employees.**

With effect from	At the rate of
01-07-2019	164 %

5) CVM Governing Body passed resolution in its Governing Body & Council minutes of meeting held on 27-05-2020 vide CVM Circular No. CVM-Meeting-2020-21-165 dated 14-05-2020 sanctioning difference of Medical Allowance from rs. 100 to rs. 300 for the period of October 2012 to June 2014 as per Government of Gujarat Finance Department, Resolution no. PGR-2012-345-Ch dated 03-10-20.

**The arrears paid to Grant in Aid employees.**

6) Certificate issued by CVM Dead stock committee members vide no. CVM-B-312-2019-20-5883 dated 21-01-2020 for remove unused or damaged instruments and furniture from dead stock register of institute.

7) Approval given of remuneration rates for End Semester Exam Practical/Viva for examiners.

Item	Rate (Rs.)
Minor / Mini Project / Project as a course / Seminar for B.Tech	20/- per student Min. 175/- for external examiner
Major / Full semester project for B. Tech and Minor / Mini Project / Project as a course / Seminar for M.Tech	40/- per student Min. 350/- for external examiner
	40/- per student Min. 350/- for internal examiner (To be shared equally amongst Guide / Co-guide)
M.Tech Dissertation	250/- per student (Min. 1000/- for External examiner) 250/- per student for Internal examiner (To be shared equally amongst Guide / Co-guide)

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

**2020.2.6 For Information:**

1) Birla Vishvakarma Mahavidyalaya, Engineering College submitted Grant Utilization Data on SSIP Portal and considering the utilization till 31-03-2020, the approval for release on INR 14, 10,000/- towards next installment of SSIP Grant has been accorded. The amount has been transferred into college SSIP account vide letter no. GKS/SSIP/Grant/BVMEC/Next Installment/2020-21/699 dated 21-07-2020.

**The Board members congratulated to SSIP Coordinator & Team.**

2) With reference to mail received from GTU dated 29-07-2020 BVM recognition as a Ph. D. Research Center in five courses Civil, Computer, Electrical, Environmental, and Mechanical. Chairman approval letter no. F/151/400 dated 30-7-2020 paid 2, 00,000/- rs. Fees at GTU. Expense included in estimated budget for the year 2020-21 of PG SF Component.

**Fee for Ph.D. Center approved by Chairman and report noted and approved.**

3) Reminder to Director DTE for Bahali of who selected for the post of assistant professor in different department vide letter no. એક/ સી.ભરતી/વર્ગ-૨/શ્રે.બહાલી/૪૦૫ dated 31-7-2020.

4) Reminder to Director DTE for give approval for recruited teaching post of Class 1 and class 2 vide letter no. એક/સીટીઈ/વર્ગ-૧/૨/ભરતી/૪૦૪ dated 31-7-2020.

5) Reminder to Director DTE for give approval for recruited Non-teaching post of Class 3 and Class 4 vide letter no. એક/વર્ગ-૩/૪/ભરતી/૪૦૧ dated 31-7-2020.

**The report was noted and it was requested to nominee of CTE to pursue the matter.**

6) On 14th June, 2020, BVM completed 72 years and its 73rd Foundation Day was celebrated through the digital platform successfully. In which Charutar Vidya Mandal's chairman, Shri. Bhikhubhai Patel; Principal BVM, Prof. (Dr.) Indrajit Patel; Secretary BVM Alumni Association, Prof. Pradeep Patel; All Department HODs and faculties have participate with enthusiasm. More than 700 people have watched this event through You-tube.

**The Boards member conveyed best wishes and congratulation to Principal & Staff members and Alumni Association.**

**2020.2.7 Book Publication:**

Sr. No.	Author & Co-author	Title	Publisher ISBN
1	Dr. Vatsal Shah	Load Balancing by process migration in Distributed Operating System	Lambert & Amazon 978-620-0-56517-4
2	Mayur S. Vekariya, Dr. Jayesh Pitroda Ashish Makwana	Bacterial Concrete: New Invention in Construction	LAP LAMBERT Academic Publishing, Copyright © OmniScriptum GmbH & Co. KG, Germany, Page: 69, ISBN: 978-620-2-51727-0

3	Mayur S. Vekariya, Dr. Jayesh Pitroda Ashish Makwana	Economical Concrete: Using Stones Chips Aggregate	LAP LAMBERT Academic Publishing, Copyright © OmniScriptum GmbH & Co. KG, Germany, Page: 145, ISBN: 978-620-2-52350-9
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**The reported was noted. Congratulations to Authors.**

**2020.2.8** To Report : The following STTPs - Training Programs - Workshops -  
Expert lectures were organized during 1-4-2020 to 30-6-2020.

Sr. No.	Coordinator	STTP-Workshop-Expert lecture	Duration	No. of Participants	Funding Agency
<b>Computer (CSI activities) Department</b>					
1	Dr. N. M. Patel	Webinar on Python with Django (Jointly organized by CSI and CP Dept.)	18-4-2020	40	--
2	CSI student Coordinators	CSI 'Code Crunch Competition' on hacker earth platform	25-4-2020	30	--
3	Prof. Pranay Patel	National Level Webinar on ASP.NET Core (Jointly organized by CSI and CP Dept.)	07-6-2020	65	--
4	Prof. Pranay Patel Prof. Dipa Soni	Webinar on How to Create 3D Games Using Unity (Jointly organized by CSI and CP Dept.)	10-6-2020	175	--
<b>Mathematics Department</b>					
1	Dr. Trupti Desai Dr. Manisha Bhatt	A Fitness in quarantine: Three Day Webinar Series Commit To Be Fit Organized Jointly By WDC	08-5-2020 to 11-5-2020	573	Free Webinar
2	Dr. Trupti Desai Dr. Manisha Bhatt	(અંત:પૂરણ) A Five Days Virtual (SDP) on Entrepreneurship and Innovation	15-6-2020 to 19-6-2020	350	Free Webinar
3	Dr. Trupti Desai Dr. Mehul Shah	Webinar " Multiple Regression using SPSS"	08-5-2020	251	Free Webinar
4	Dr. Trupti Desai Dr. Mehul Shah	Webinar " Aptitude Ability"	19-6-2020	55	Free Webinar
5	Dr. Trupti Desai Dr. Dipti Patel	Webinar series	13-6-2020 to 18-6-2020	217	Free Webinar
6	Dr. Trupti Desai	IEI Team BVM & Woman's Cell BVM introduces	24-6-2020 to 26-6-2020	500	Free Webinar

<b>Information Technology Department</b>					
1	Dr. Keyur Brahmbhatt Dr. Vatsal Shah Prof. Priyank Bhojak Prof. Prachi Shah	Remote Faculty Development Programme on "R Programming" in association with IIT Mumbai spoken tutorial	11-5-2020 to 16-5-2020	265	--
2	Dr. Zankhana Shah, Prof. Chintan Mahant Prof. Vishal Polara	Webinar on "Insight into Agile Software Development and Industry 4.0"	11-4-2020	128	BVM Alumni
3	Dr. Nilesh Prajapati Prof. Priyank Bhojak Prof. Dharmesh Patel	Webinar on "Social Media and Cyber Law"	18-4-2020	227	BVM Alumni
4	Dr. Vatsal Shah	Webinar on "How to get Placed in the Post- COVID19-era"	20-4-2020	173	--
5	Dr. Nilesh Prajapati Prof. Chintan Mahant	Webinar on "Pranayam se Pran Bachao"	25-4-2020	140	BVM Alumni
6	Prof. Bijal Dalwadi Prof. Prachi Shah	Webinar on "Brief tour of Python libraries - A Practical approach"	27-4-2020	60	BVM Alumni
7	Dr. Keyur Brahmbhatt Prof. Bijal Dalwadi Prof. Prachi Shah	Webinar on "Blockchain Digital Transformation"	02-5-2020	180	BVM Alumni
8	Dr. Keyur Brahmbhatt Dr. Zankhana Shah	Webinar on "Getting started with AR-VR "	0-5-2020	200	BVM Alumni
9	Dr. Nilesh Prajapati Prof. Chintan Mahant Prof. Vishal Polara	Online Workshop on "Android Application Development using Firebase"	17-5-2020	70	BVM Alumni
10	Dr. Nilesh Prajapati Prof. Chintan Mahant	Webinar on "Integration of game applications in Classroom Teaching"	23-5-2020	200	BVM Alumni
11	Dr. Vatsal Shah	Webinar on "Online Teaching Learning Tools" for BVM Faculty Members.	23-5-2020	60	--
<b>Structural Department</b>					
1	Prof. V. V. Agrawal Prof. Jagruti Shah	State-Of-The-Art Technology: Super Cell In Bi-Directional Pile Test	29-4-2020	100	--
2	Prof. V. V. Agrawal Prof. Jagruti Shah	Post COVID Solid Waste Management Practices	14-5-2020	146	--
3	Prof. V. V. Agrawal Prof. Jagruti Shah	Triple Constraints in Project Management	15-5-2020	124	--

4	Prof. V. V. Agrawal Prof. Jagruti Shah	BIM & its Application	16-5-2020	114	--
5	Prof. V. V. Agrawal Prof. Jagruti Shah	Advanced Technique for Monitoring real time Cast-in-situ Concrete strength	20-5-2020	58	--
6	Prof. V. V. Agrawal	Online Software Training "Structural Engineering Software STAAD.pro"	15-6-2020 20-6.2020	57	--
<b>Civil Department</b>					
1	Prof. Jignesh Brahmbhatt	Environmental Impact Assessment	19-5-2020	158	--
2	Prof. Pinakin Patel, Prof. Amit Amin	Application of Structural Equation Modeling and Ordered Probit Model in Transportation Engg.	22-5-2020	28	--
<b>Production Department</b>					
1	Prof. R S Barot	Workshop on "Aatmanirbhar Bharat Ideathon"	20-6-2020	329	SSIP & TEQIP III
<b>Computer Department</b>					
1	Dr. N. M. Patel Mr. Jigar Thakkar Sr. Software Trainer TOPS Technologies, Ahmedabad	Webinar on Python with Django (Jointly organized by CSI and CP Dept.)	18-4-2020	42	--
2	Prof. M. J. Joshi	TPC Computer Department Online Aptitude Test	20-4-2020	44	--
3	Dr. N. M. Patel	CSI 'Code Crunch Competition' on hacker earth platform	25-4-2020	70	--
4	Prof. M. J. Joshi	TPC Computer Department Online Aptitude Test	29-4-2020	33	--
5	Prof. Mosin Hasan Prof. Kirti Sharma Harshil R. Sadharakiya	Peer to peer learning Webinar on Basic of Angular and FASTAPI with Project	02-5-2020	26	--
6	Dr. N. M. Patel Prof. Pranay Patel Mr. Mitesh Patel	National Level Webinar on ASP.NET Core (Jointly organized by CSI)	07-6-2020	70	--
7	Dr. N. M. Patel Prof. Pranay Patel, Ms. Dipa Soni Mr. Paresh Chauhan CEO, Creative Design and Multimedia Institute, Surat	Webinar on How to Create 3D Games Using Unity (Jointly organized by CSI and CP Dept.)	10-6-2020	182	--

<b>Mechanical Department</b>					
1	Prof. Jaydeep Sanandiya	Organized webinar on "Introduction To AUTOCAD" for 1st year students having Engineering Graphics subjects.	16-5-2020	170	--
<b>Electronics &amp; Communication Department</b>					
1	Dr. B. C. Goradiya	MOCK/Practice online examination	6-4-2020 to 13-4-2020	2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> year student	EC Dept. BVM
2		Vocational courses for 12 <sup>th</sup> science student	6-5-2020 to 15-5-2020	137	EC Dept. BVM
3		ANUBHAV - BVM TALKS	15-5-2020 to 16-5-2020	650	BVM Central Committee
4		KHOJ – Quest For Talent	27-5-2020 to 30-6-2020	320	BVM Central Committee
5	Dr. Darshan Dalwadi	IEEE Xplore User Awareness Session	3-4-2020	134	IEEE
6		Basics of Cyber Security field, awareness & career path	12-4-2020	178	IEEE
7	Dr. B. C. Goradiya Prof. G.B. Rathod	BVM EC GK Quiz Competition on Kahoot	15-4-2020	30	EC Dept. BVM
8	Dr. B. C. Goradiya Dr. Darshan Dalwadi	Awaken The Entrepreneur Within You	17-4-2020	168	IEEE
9	Dr. B. C. Goradiya Dr. Rajvirsinh Rana	Start-up To Scale-up	18-4-2020	50	SSIP
10	Dr. B. C. Goradiya Prof. G.B. Rathod	Creating E-books from a Webpage using Python	21-4-2020	54	EC Dept, BVM
11	Dr. B. C. Goradiya Prof. Anish Vahora	Telecom Service Provider Network & Its Working	25-4-2020	52	EC Dept. BVM
12	Dr. B. C. Goradiya Dr. Darshan Dalwadi	IEEE International tech conclave	26-4-2020 to 30-4-2020	21231	IEEE
13	Dr. B. C. Goradiya Dr. Darshan Dalwadi	Blogathon: Personal Development for Smart People	26-4-2020 to 3-5-2020	100	IEEE
14	Dr. B. C. Goradiya Dr. Rajvirsinh Rana	effective design approach for problem solving	29-4-2020	149	SSIP
15	Dr. B. C. Goradiya Dr. Rajvirsinh Rana	Intellectual Property Rights: Basics And Future Prospects	2-5-2020	95	SSIP
16	Dr. B. C. Goradiya Prof. G.B. Rathod	Vocational Course on use of Google tools for day to day life	6-5-2020 to 11-5-2020	31	EC Dept. BVM
17	Dr. B. C. Goradiya Prof. Anish Vahora	Computer Hardware, Networking & Troubleshooting	7-5-2020 to 12-5-2020	50	EC Dept. BVM

18	Dr. B. C. Goradiya Prof. Amit Choksi, Prof. Mayur Sevak	Vocational course on 'C' and 'C++'	11-5-2020 to 13-5-2020	50	EC Dept. BVM
19	Dr. B. C. Goradiya Prof. G.B. Rathod	"EC Engg-An ample of opportunity waiting at your doorstep"	19-5-2020	30	EC Dept. BVM
20	Dr. B. C. Goradiya Prof. Palak Patel, Prof. Ronak Vashi, Prof. G.B. Rathod	Quiz on "Fundamentals of EC Engineering"	25-5-2020	35	EC Dept. BVM
21	Dr. B. C. Goradiya Dr. Darshan Dalwadi Prof. Mayur Sevak	Virtual Walk Around Campus Radio Station	2-6-2020	328	IEEE BVM SB
22	Dr. B. C. Goradiya Dr. Darshan Dalwadi	Destiny of Game Makers 1.0	6-6-2020 To 9-6-2020	150	IEEE
23	Dr. B. C. Goradiya Dr. Darshan Dalwadi	Unboxing Github	15-6-2020	65	EC Dept. BVM
24	Dr. B. C. Goradiya, Dr. Darshan Dalwadi Prof. R. P. Paul Prof. G.B. Rathod	Farewell function for budding Engineers	26-6-2020	54	EC Dept. BVM
25	Dr. B. C. Goradiya Prof. G.B. Rathod, Prof. Palak Patel, Prof. Amit Choksi	EC Department excellence award	27-6-2020	80	EC Dept. BVM

**Electronics Department**

1	Dr. T. D. Pawar, Dr. J. M. Rathod, Prof. Parul Panchal	ASEPL - Zoom online Technical Training – Oscilloscopes.	29-4-2020	50	--
2	Dr. T. D. Pawar, and Mr. Nadimkhan Pathan (Adhoc)	A Training Session for Trainee Faculty on Scilab - A Free and Open Source Software in Computer Lab.	13-6-2020		--
3	Dr. T. D. Pawar, Dr. K. D. Patel, Dr. K. N. Brahmhatt	International Symposium on "Theory and Application of Teaching: Didactics" by UrFU, Russia	13-6-2020	500	--
4	Dr. T. D. Pawar, Dr. K. D. Patel, Dr. K. N. Brahmhatt, Dr. R. D. Patel	Two Day International Conclave on "Global Initiatives : a true blend of Engineering and Management" under aegis of Institution of Engineers Vallabh Vidyanagar Local Centre	26-6-2020 to 27-6-2020	450	--

<b>BVM - Women Development Cell (WDC)</b>					
1	Dr. Trupti Desai Dr. Zankhana Shah Prof. Jagruti Shah Dr. Manisha Bhatt.	A Fitness in quarantine: Three Day Webinar Series: Commit To Be Fit Organized Jointly By WC BVM & CVM	08-5-2020 to 11-5-2020	573	Webinar For faculty and Girls Students.
2	Dr. Trupti Desai.	IEI Team BVM & Woman's Cell BVM introduces	24-6-2020 to 26-6-2020	500	Free Webinar

**The reported was noted and appreciated.**

**2020.2.9 To Report : The following table shows information of faculty members who have participated in various STTPs - Training Programs - Workshops - Expert lectures -Digital Platform Quiz -Courses during 1-4-2020 to 30-6-2020.**

Department	No. of Faculties	Webinar	STTP	Workshop	Quiz	Courses	Expert Lectures	FDP
Mathematics	09	73	07	09	02	02	02	-
IT	12	354	15	10	09	07	04	31
Structural	06	260	7	5	5	7	7	5
Civil	05	46	07	02	31	10	-	04
Production	05	33	01	03	01	16	-	06
Computer	07	37	07	02	01	01	01	09
Mechanical	06	7	07	02	01	01	-	06
EC	09	31	02	03	01	-	-	01
Electrical	09	13	14	03	01	06	01	01
Electronics	13	193	07	08	03	11	01	33

**The report was noted.**

**2020.2.10 To report : Details of testing and consultancy work carried out during 1-4-2020 to 30-6-2020.**

Sr. No.	Details of work	Client	Amount	Faculty involved
<b>Structural Department</b>				
1	Checking and Vetting of Structural Design and Drawings for the Project of "4 - 6 - 8 - 10 MMS solar panel mounting structure".	Rotomeg, GIDC, VUNagar	30000 (INC. GST)	Dr. Indrajit Patel Prof. Vishal Patel
2	Checking and Vetting of Structural Design and Drawings for the Project of "4 - 6 - 8 - 10 MMS solar panel mounting structure".	Solex, GIDC, VUNagar	40000 (INC. GST)	Dr. Indrajit Patel Prof. Vishal Patel

3	Checking and Vetting of Structural Design and Drawings for the Project of “4 MMS solar panel mounting structure”.	Rotomeg,GIDC, VUNagar	7500 (INC. GST)	Dr. Indrajit Patel Prof. Vishal Patel
4	Checking and Vetting of Structural Design and Drawings for the Project of “Balasinor Revised Town Hall”.	Balasinor, Nagar Palika	20,000 (INC GST)	Dr. Indrajit Patel Prof. Vishal Patel
5	Structural Stability of Pediatric and Orthopedic ward- Karamsad Medical Hospital, Karamsad- Anand	Karamsad Medical Hospital	1,80,000 + 32,400 (GST)	Dr. Indrajit Patel Prof. Sumant Patel Dr. E. George Prof. Vishal Patel Prof. V. V. Agrawal Dr. V. A. Arekar
6	Checking and Vetting of Structural Design and Drawings for the Project of “Balasinor Revised Town Hall”.	Balasinor- Nagarpalika	17,000 + 3,060(GST)	Dr. Indrajit Patel Prof. V. V. Agrawal Prof. Vishal Patel
7	Checking and Vetting of Various Structures	Geo Design and Research Pvt. Ltd., Vadodara	Consolidated Amount yet to be received	Prof. Sumant Patel, Dr. Snehal Mevada
8	Testing of Materials	Various Agencies	1,55,150/-	Dr. Snehal Mevada Prof. V. V. Agrawal Prof. V.A Arekar, Dr. Elizabeth George, Dr. Deepa Sinha
<b>Total</b>			<b>4,85,110/-</b>	
<b>Civil Department</b>				
1	Adequacy certificate of Effluent Treatment Plant / EMS for GCPTCL	Gujarat Chemical Port Terminal Company Ltd.	Rs. 50,000/-	Dr. Reshma Patel
<b>Grand Total</b>			<b>5,35,110/-</b>	

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

**2020.2.11** For Information : Training & Placement Cell team Prof. Mehul Patel, Dr. Mehul Shah, Dr. Akshay Pandya are coordinating Training & Placement activities.

**Placement of BVM students.**

Sr. No	Company	M.Tech		B.Tech (GIA)					B.Tech (SF)				Total	
		EE	ST	CE	CP	EE	EL	ME	PE	ME	PE	IT		EC
1	TCS Digital	-	-	-	4	-	-	-	-	-	-	2	-	6
2	Crest Datasystems	-	-	-	17	-	-	-	-	-	-	9	-	26
3	Kothari Infotech	-	-	-	2	-	-	-	-	-	-	1	-	3
4	Perfect VIP	-	-	-	-	-	1	-	-	-	-	-	1	2
5	Volansys	-	-	-	-	-	2	-	-	-	-	-	1	3
6	Argusoft	-	-	-	-	-	-	-	-	-	-	-	-	0
7	eInfochips	-	-	-	1	-	3	-	-	-	-	1	4	9
8	Tatvasoft	-	-	-	-	-	1	-	-	1	-	5	-	7
9	Meditab	-	-	-	1	-	-	-	-	-	-	4	1	6
10	Maruti Techlabs	-	-	-	3	-	-	-	-	-	-	1	-	4
11	Cybage	-	-	-	1	-	-	-	-	-	-	3	-	4
12	Webmob Tech	-	-	-	1	-	-	-	-	-	-	-	-	1
13	TCS Ninja	-	-	-	11	1	9	3	-	-	-	6	5	36
14	Evosys	-	-	-	-	-	-	-	-	-	-	2	1	3
15	MG Motors	-	-	-	-	-	-	2	-	-	-	-	1	3
16	Streebo	-	-	-	-	-	-	-	-	-	-	1	-	1
17	PEaaS - a Finablr company	-	-	-	2	-	-	-	-	-	-	-	-	2
18	AIMDek Tehnologies	-	-	-	-	-	-	-	-	-	-	-	-	0
19	Reliance	-	-	-	-	-	-	1	-	-	-	-	-	1
20	Collabera	-	-	-	-	-	-	-	-	-	-	-	1	1
21	Infostretch	-	-	-	-	-	-	-	-	-	-	2	-	2
22	Capgemini	-	-	-	1	-	3	-	-	-	-	1	-	5
23	JARO Education	-	-	-	-	-	-	-	-	-	-	-	-	0
24	Zeus Learning	-	-	-	-	-	-	-	-	-	-	1	-	1
25	Matrix Comsec	-	-	-	-	-	-	-	-	-	-	-	-	0
26	L&T Construction	-	1	1	-	-	-	-	-	-	-	-	-	2
27	Gateway group of Co.	-	-	-	4	-	-	-	-	-	-	-	-	4
28	L&T Powai	-	-	-	1	-	1	2	1	-	-	1	-	6
29	Maxim Integrated	-	-	-	-	-	-	-	-	1	-	-	-	1
30	Atul Chemical	-	-	1	-	-	-	1	1	-	-	-	-	3
31	Linde	-	2	-	-	1	-	2	-	-	-	-	-	5
32	ML Veda	-	-	-	1	-	-	-	-	-	-	-	-	1

33	Tech Innovaters	-	-	-	2	-	-	-	-	-	-	-	-	2
34	Geocarte	-	-	2	-	-	-	2	-	-	-	-	-	4
35	Infinite Civil Solutions	-	1	-	-	-	-	-	-	-	-	-	-	1
36	RKC Infrabuilt	-	-	7	-	-	-	-	-	-	-	-	-	7
37	Torrent Power (Sabarmati)	-	-	-	-	3	-	2	-	-	-	-	-	5
38	Hidden Brains	-	-	-	-	-	1	-	-	-	-	-	-	1
39	Pressue Jet Systems	-	-	-	-	-	-	1	-	3	2	-	-	6
40	Torrent Power (Sugen)	-	-	-	-	1	-	2	-	-	-	-	-	3
41	LTTS	-	2	1	-	-	-	5	-	-	-	-	-	8
42	Viviana Power	-	-	-	-	4	-	-	-	-	-	-	-	4
43	Techno Electromech	-	-	-	-	1	-	2	-	1	1	-	-	5
44	Alien	-	-	-	2	-	4	-	-	-	-	-	-	6
45	Wesige	-	-	-	1	-	-	-	-	-	-	-	-	1
46	Shaguna Foods	-	-	2	-	-	-	-	-	-	-	-	-	2
47	Cognizant	-	-	-	-	-	2	-	-	-	-	1	3	6
48	Juspay	-	-	-	-	-	-	-	-	-	-	-	-	0
49	Tata chemicals	-	-	-	-	-	-	-	-	-	-	-	-	Pending
50	ERDA	-	-	-	-	-	-	-	-	-	-	-	-	Pending
51	Voltas - Tata enterprise	1	-	-	-	-	-	-	-	-	-	-	-	1
52	Zahn Tech Engineering	-	-	-	-	-	-	-	-	1	-	-	-	1
	<b>Total</b>	<b>1</b>	<b>6</b>	<b>14</b>	<b>55</b>	<b>11</b>	<b>27</b>	<b>26</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>41</b>	<b>18</b>	<b>211</b>

▪ **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	April'20 - june'20	Webinar Series- I	400+	<b>11 webinars &amp; 44 aptitude tests</b> (At department level) Organized under webinar series-I for improvement of different placement Skills and also Acknowledging them their current Stand in Actual Placement world
2	15-6-2020	Aptitude tests for 2nd, 3 <sup>rd</sup> & Final year students	360+	Aptitude tests are Conducted to Make them understand how online tests work in the placement procedure

**The report was noted.**

**2020.2.12** For Information: Paper Presentation - Publication at International-National - Workshops - Seminar - Conferences etc. by the staff members during 1-4-2020 to 30-6-2020.

**A). International Level**

Sr. No.	Title	Author(s)	Name, Vol. No. of Journal & Year of Publication
<b>Information Technology Department</b>			
1	Biometric Door Lock using Mobile Fingerprint	Dr. Vatsal Shah	Springer, Scopus
2	Create EC2 Instance, Install Splunk and Configure using Ansible	Dr. Vatsal Shah	Springer, Scopus
3	Overview for Creating m Health Application	Dr. Vatsal Shah	Springer, Scopus
4	A Review of Cost Estimation: Methods and Models for Transport Infrastructure	Nirajkumar Suneja, Jagruti Shah, Dr. Zankhana Shah	Tathapi (UGC Care Journal)
5	Fingerprint Image Classification	Dr. Sudhir Vegad, Dr. Zankhana Shah	Springer Lecture notes on Data Engineering and Communications Technologies
6	Disease Prediction in Plants: An application of Machine Learning in Agriculture Sector	Dr. Zankhana Shah, Dr. Sudhir Vegad	Springer Lecture notes on Data Engineering and Communications Technologies
7	A Survey Of Different Image In painting Techniques	Prof. Bijal Dalwadi, Riya Golani, Rutu Patel, Nishita	International Journal of Creative Research Thoughts (IJCRT)
<b>Structural Department</b>			
1	A review of uplift load carrying capacity and failure mechanism of cylindrical and belled pile"	Devashish Kumavat, Dr. A.K.Verma, Prof. B.R.Dalwadi	International research journal of engineering and technology (IRJET) (2020), Volume - 7, Issue - 4, Pg - 6346-6349.
2	Effective Utilization of Construction and Demolition Waste- A Review	Gaurang Vani, Prof. Jagruti Shah, Dr. Indrajit Patel	GIS Business, Vol. 15 Issue 4 Month April Year 2020, Page no. 688 – 693 *UGC CARE LISTED
3	Lean Principle - An Approach Towards Effective Construction Management	Anuj Patel, Prof. Jagruti Shah, Dr. Indrajit Patel	Journal of Civil Engineering and Environmental Technology, Volume 7 , Issue 1 June 2020 Presented at Recent Trends in “Civil Engineering, Architecture and Environmental Engineering for Global Sustainability” (CEAEGS- 2020) krishi sanskriti, June 2020

4	Project Performance improvement using lean construction technique - A review	Aniruddh Sadhaliya, Prof. Jagruti Shah, Dr. Indrajit Patel	Tathapi, Vol-19-Issue-09 May-2020 *UGC CARE LISTED
5	"New Town In Town": An approach for development of fringe village in Vadodara-Savli corridor	Pooja Shah, Prof. Jagruti Shah, Dr. Indrajit Patel	Journal of Civil Engineering and environmental Technology, Volume 7 , Issue 1, June 2020 Presented at Recent Trends in "Civil Engineering, Architecture and Environmental Engineering for Global Sustainability" (CEAEGS- 2020) krishi sanskriti, June 2020
6	Green Buildings For Better Future-A Case Study	Rohan N Ramaiya, Prof. Jagruti Shah, Dr. Indrajit Patel	Will be Published in Civil Engg., Architecture and Environmental Engg. for Global Sustainability Presented at Recent Trends in "Civil Engineering, Architecture and Environmental Engineering for Global Sustainability" (CEAEGS- 2020) krishi sanskriti, June 2020
7	A Review of Urban Transport Integration an Ahmedabad case	Deep Patel, Prof. Jagruti Shah, Dr. Indrajit Patel	Edu. Index, Vol-15 Issue 4 month April year 2020 *UGC CARE LISTED
8	Suggestive Measure for Sustainable City-A case study of Bilimora	Parth Desai, Prof. Jagruti Shah, Dr. Indrajit Patel	Presented at Recent Trends in "Civil Engineering, Architecture and Environmental Engineering for Global Sustainability" (CEAEGS- 2020) krishi sanskriti, June 2020
9	Experimental Study on Light-Weight Concrete by using Cinder and ECA	Dr Deepa Sinha, Parmar Hitesh, Shah Sagar, Kachiya Akhil, Jagani Bhavesh, Dafda Ravi	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 06   June 2020 www.irjet.net p-ISSN: 2395-0072
10	Effects of Soil Condition on Elevated Water Tank Using Time History Analysis with Different Staging Systems	Bhakti B. Jani, Prof. V.VAgrawal, Prof. Vishal Patel	SSRG International Journal of Civil Engineering (SSRG-IJCE), ISSN: 2348 – 8352, June 2020. Volume 7 Issue 6 –page 41-47, Impact Factor 2.21
11	Soil structure interaction for basement system of malty story building for different soil condition using static analysis in Etab	Gopal Dabhi, Prof. V.VAgrawal, Prof. Vishal Patel	SSRG International Journal of Civil Engineering (SSRG-IJCE), ISSN: 2348 – 8352, July 2020. Volume 7 Issue 6 –page 71-79, Impact Factor 2.21
12	Seismic Vibration Control of a Two-Way Asymmetric Tall Building Installed with	Nisha J. Pandit, Dr. Snehal Mevada, Prof. Vishal Patel	SSRG International Journal of Civil Engineering 7(5), 10-20.

	Passive Viscous Dampers under Bi-Directional Excitations		
13	Seismic Risk Assessment of Asymmetric Frame Buildings using Fragility Curves	Upasana R. Rana, Dr. Snehal Mevada, Prof. Vishal Patel	SSRG International Journal of Civil Engineering 7(5), 1-9
14	Derivation of Empirical Formula of Natural Period for Irregular Building with Shear Wall	Hardik B Mandanka, Prof. Sumant Patel, Dr. Snehal Mevada	SSRG International Journal of Civil Engineering 7(6), 48-53
15	Design and Analysis of Core and Outrigger Structural System	Krutagn Patel, Prof. Vishal Patel Dr. Snehal Mevada	International Research Journal of Engineering and Technology, 07(6), pp. 3026-3033
16	Vibration Control of Adjacent Building using Shared Tuned Mass Damper	Meet Ankola, Prof. Vishal Patel Dr. Snehal Mevada	International Research Journal of Engineering and Technology, 07(6), pp. 3203-3207
17	Sustainable solid waste Management by integration of waste at Taluka Level- A case study of Nadiad.	Jenil Jani, Dr. Aarti Pamnani, Prof. Jagruti Shah	International journal on emerging technologies 11(3):107- 113, May 2020
18	An Analytical Study on Behavior of Fixed Offshore Jacket Structure	George S. R., Dr. A.K.Verma, Prof. B.R.Dalwadi	International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 04   Apr 2020, pp: 5697-5704.
<b>Civil Department</b>			
1	Pinnacle of solid waste management and covid-19	Parmar Adityarajsinh , Dr. Ravirajsinh Rana , Giri Parth , Prof. C.B. Mishra	International Journal of Scientific Development and Research – IJSDR, Volume 5, Issue 4, April-2020. page no.175 - 179
2	Green Building: A Need In Today's Environment	Vatsal Patel, Utsav Shah, Jay Jariwala, GautamKumar, Prof.C.B.Mishra	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 4, April 2020 Page No 1120 - 1124
3	WhatsApp – A Tool Reshaping Remote Learning during COVID - 19 Periods	Hani Upadhyay, Nandana M, Parigna Kathiriya, Prof. C. B. Mishra.	International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; Volume 8 Issue IV April 2020 Page No. 1017 - 1022
4	Performance measure appraisal for two-lane roads under Indian traffic conditions	Ankit Patel, Prof. Pinakin Patel Dr. L. B. Zala	Vol 5, No 2 (2020), Journal of Transportation Systems Mat Journals
5	Speed estimation model of different category of vehicle	Ankit Patel, Prof. Pinakin Patel Dr. L. B. Zala	Vol 5, No 3 (2020), Journal of Transportation Systems Mat Journals

	at horizontal curve on two-lane rural highway		
6	Inclusion of Metakaolin and Basalt Fiber with High Strength Concrete	Nirav Prajapati, Prof. Amit Raval, Dr. Jayesh Pitroda	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 5 PP: 394-403 JETIR2005059 ISSN : 2349-5162 (Journal No: 63975) May 2020
7	An Experimental Investigation on High Strength Concrete Incorporated with Bacteria	Jaydeep Chavda, Prof. Kishor Vaghela, Dr. Jayesh Pitroda	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 5 PP: 750-758 JETIR2005106 ISSN : 2349-5162 (Journal No: 63975) May 2020
8	Feasibility Study of Internet of Things (IoT) In Construction Industry	Rupam Maru, Dr. JayeshR. Pitroda, Prof. Amit Raval	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 5 PP: 447-452, JETIR2005203 ISSN : 2349-5162 (Journal No: 63975) May 2020
9	Recommending Strategies Toward Transparency and Integrity for Construction Projects of Afghanistan	Abdul Latif Hamid, Dr. Jayesh Pitroda, Prof. Amit Raval	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 5 PP: 652-658 JETIR2005232, ISSN : 2349-5162 (Journal No: 63975) May 2020
10	Strategy Implementation and an Organizational Performance: A Review	Raxak R. Thakor, Dr. Jayesh Pitroda	Tathapi (UGC Care Journal) ISSN: 2320-0693, Vol-19 Issue-11 PP: 52-65, May-2020
11	An Experimental Study on High Performance Bacterial Concrete	Raxak R. Thakor, Dr. Jayesh Pitroda, Prof. Kishor Vaghela	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 6 PP: 1897-1905 JETIR2006274, ISSN : 2349-5162 (Journal No: 63975) June 2020
12	Approach for Documentation in Construction Sector of Ahmedabad	Dhanesh Poriya, Er. Jigar Shah, Dr. Jayesh Pitroda	Tathapi ,(UGC Care Journal) ISSN:2320-0693, Vol-19-Issue-55 PP: 273-283, June-2020
13	Influence of Steel Fiber on Mechanical Properties of Concrete	Hiren Kamani, Prof. Amit Raval, Dr. Jayesh Pitroda	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 6 PP: 1287-1293 JETIR2006520, ISSN : 2349-5162 (Journal No: 63975) June 2020
14	Geopolymer Concrete of Next Generation	Jeet Parsana, Dr. Jayesh Pitroda	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 6 PP: 1287-1293 JETIR2006426, ISSN : 609-617 (Journal No: 63975) June 2020
15	Designing Sustainable Paver Block – A Step Towards Green Environment	Krunal Gabani, Dr. Jayesh Pitroda	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 6 PP: 1287-1293

			JETIR2006430, ISSN : 639-649 (Journal No: 63975) June 2020
16	Prioritizing the Risk based on its impact for Redevelopment projects using AHP & TOPSIS	Raj D. Vachheta, Dr. Mehul J. Shah, Dr. Jayesh Pitroda	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 6 PP: 1294-1302 JETIR2006521, ISSN : 639-649 (Journal No: 63975) June 2020
17	Impact on Real-Estate Developers Pursuant to Implementation of Real Estate Regulatory Act [RERA] 2016	Ujval Trivedi, Dr. M. J. Shah, Dr. Jayesh Pitroda	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 6 PP: 1294-1302 JETIR2006526, ISSN : 1341-1347 (Journal No: 63975) June 2020
<b>Production Department</b>			
1	Induction Furnace Energy Conservation: A Foundry Case Study	Prof. R S Barot	4th International Conference on Advanced in Power Generation from Renewable Energy Sources 2020.
2	IoT feasibility aspects of mold temperature monitoring and casting simulation for smart foundry	Prof. R S Barot	International Conference on Aspects of Materials Science and Engineering 2020. Punjab University, Chandigarh May 29-30, 2020
3	Corrosion prevention and industrial economic analysis aspects for water heater	Prof. R S Barot	International Conference on Aspects of Materials Science and Engineering 2020. ICAMSE 2020 Punjab University, Chandigarh May 29-30, 2020
4	Implementation of lean practices in water heater manufacturing industry	Prof. R S Barot	Elsevier: Materials Today Proceedings (SCOPUS Indexed) In Press, 3 February 2020
5	Development of Inventory Control Model based on Linear Programming Technique for the Cutting Inserts used in the Machining of Gear Wheels from S45C Material	Prof. R S Barot	Third International Conference on Advancements in Materials for Manufacturing (ICAAMM-2020)" organized by Aeronautical and Mechanical Engineering Departments, MLR Institute of Technology, Hyderabad
6	Development of Inventory Control Model based on Linear Programming Technique for the Cutting Inserts used in the Machining of Gear Wheels from S45C Material	Dr. Hardik Beravala	Accepted in "3rd International Conference on Advancements in Materials for Manufacturing (ICAAMM-2020)" organized by Aeronautical and Mechanical Engineering Dept, MLR Institute of Technology, Hyderabad
7	Development of Machining Fixture to Improve Machining Lead Time of Helical Gearbox Case	Dr. Hardik Beravala	International conference on Recent Advances in Manufacturing (RAM 2020), Organized by SVNIT Surat, Gujarat

8	Implementation of lean practices in water heater manufacturing industry	Dr. Hardik Beravala	Materials Today Proceedings (SCOPUS Indexed)
<b>Computer Department</b>			
1	Vehicle Detection and Classification Using Deep Learning: A Survey	Ruchi Patel, Dr. U.K. Jaliya, Dr. N. M. Patel	International Journal for Modern Trends in Science and Technology ,Vol 6, Issue 4, April 2020
2	A Survey on Object Detection Based Automatic Image Captioning using Deep Learning	Trushna Patel , Dr. Darshak Thakore, Dr. N. M. Patel	International Journal for Modern Trends in Science and Technology ,Vol 6, Issue 4, April 2020
3	Perlustration on Hindi News Classification using Transfer Learning	Esha Desai, Prof. Mosin Hasan, Dr. H.D. Vasava	International Journal for Modern Trends in Science and Technology Volume 6, Issue 4, April 2020
4	A Study on Generative Adversarial Perturbations Attacks	Swati C Thavrani Prof. Mosin Hasan Prof. Kirti Sharma	International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778 :: Volume: 06, Issue No: 04, April 2020
5	A Study on Auto encoder based Technique in Modern Movie Recommendation System	Vaibhavi Bhatt, Prof. Bhavesh Tanawala, Prof. Kirti Sharma	International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778 :: Volume: 06, Issue No: 04, April 2020 Page No 210-216
6	"A Survey Paper on Prediction of Stock price Using Machine Learning Technique"	Maithili D. Patel, Prof. P. B. Swadas, Prof. Kirti Sharma	International Journal of Advance Engineering and Research Development, Volume 7, Issue 04, April -2020 IJAERD2020V07I0435530 e-ISSN (O): 2348-4470 p-ISSN (P): 2348-6406
7	A Survey on Plant Leaf Disease Detection	Sneha Patel, Dr. U.K. Jaliya Prof. Pranay Patel	International Journal for Modern Trends in Science and Technology, Vol. 06, Issue 04, April 2020, pp.:129-134.
8	A Survey on Identification of Objects from Images Based on Spoken Words	Riddhi Surani, Dr. Darshak Thakore Dr. U.K. Jaliya	International Journal for Modern Trends in Science and Technology ISSN: 2455-3778 :: Volume: 06, Issue No: 04, April 2020, pp.:268-273
<b>Mechanical Department</b>			
1	"Simulation and experimental validation for defect reduction in geometry varied aluminum plates casted using sand casting" Materials Today- Elsevier	Dr. P M George	27(2020), 1422-1430

<b>Electronics &amp; Communication Department</b>			
1	Performance of Interpolations with Wireless OFDM System Based Channel Estimation	Prof. A B Bambhaniya	WutanHuatanJisuanJishu, Vol-16, Page no.-394-405 ISSN:-1001-1749 Year of Publication:-01/05/2020
2	Growth and Structural Characterizations of CuWO <sub>4</sub> Crystals by Flux Growth Method	Dr. Sandip Unadkat	Research and Applications : Emerging Technologies, Vol-2, Page no.-1-6, Year of Publication :-01/05/2020
3	A Survey of Various Application of SVD in ECG Signal Processing and Hardware	Prof. Mayur Sevak	International Journal of Advance Science and Technology, Vol-29, Page no.-7496-7503 ISSN:- 2207-6360, 01/05/2020
4	Face Recognition-Based Attendance System Using Real-Time Computer Vision Algorithms	Dr. D.C. Dalwadi Yagnik Mehta, and Neel Macwan	Advances in Intelligent Systems and Computing,, 01/05/2020 Vol-1141, Page no.-39-49 ISSN:- 978981153383 Year of Publication:- 01/05/2020
5	AI Enabled Self Diagnosis Predictor Tool using Tongue Image Capture with Automatic Prescription Generation	Dhwani Trivedi, Dr. Bhargav Goradiya, Prof. G B Rathod	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol-9, Page no.-26-29 ISSN:- 2278-3075 Year of Publication:-01/05/2020
6	IOT Based Smart Farming and the Agreacaruss	Dr, Darshan Dalwadi Dr. Bhargav Goradiya, Jinish Shah, Abhishek Pattanaik	“International Conference on Smart Modernistic in Electronics and Communication” ICSMEC – 2020 ISBN-978-93-80831-43-5 Page no:-225
7	Intelligent IoT- Cloud Based Water Meter	Aayush N. Patel Sulax Shah, Dr. Bhargav Goradiya, Dr. Darshan Dalwadi	“International Conference on Smart Modernistic in Electronics and Communication” ICSMEC – 2020 ISBN-978-93-80831-43-5 Page no:-256
8	Triple Band Dielectric Resonator Antenna Array Using Power Divider Network Technique for GPS Navigation/Bluetooth/Satellite Applications	Prof. Anish Vahora	International Journal Of Microwave And Optical Technology, Vol-15, Page no.-369-378 ISSN:-1553-0396 Year of Publication :-01/07/2020
9	Versatile Multipurpose Crash proof UAV: Machine Learning and IOT approach	Dr. Bhargav Goradiya	2020 International conference for Emerging Technology (INCET) Year of Publication :-June 5-2020
<b>Electrical Department</b>			
1	A Comprehensive Survey on Use of Soft Computing and	Prof. Y R Prajapati, V N Kamat, J J Patel	JEEE, 8(2): 64-70, 2020

	Optimization Techniques for LFC		
2	Reactive Power Compensation by TSC-TCR Using Fuzzy Logic Controller.	Krunal Shah, Prof. Swapnil Arya, Divyesh Harwani	International Conference on Data Sciences, Machine Learning; Lecture Notes in Electrical Engineering, vol. 601. Publisher: Springer, Singapore. ISBN: 978-981-15-1420-3,
3	Design of Fast charging method for electrical vehicle charging station.	Tarun Parmar, Prof. G.K.Sharma	International conference on Advances in power generation from Renewable Energy sources Government Engineering College, Banswara

**Electronics Department**

1	A Survey of various applications of SVD in ECG Signal Processing and Hardware	Prof. Mayur Sevak, Dr. T. D. Pawar	International Conference on Integration of Advanced Technologies for Industry 4.0 (ICIATI) sponsored by AICTE May 15th and 16th, 2020
2	Design of Modified Wideband log periodic Micro strip Antenna with slot for Navigational App.	Shahid Modasiya, Dr. J M Rathod	Second International Conference on Advances in Electrical and Computer Technologies 2020 (ICAECT 2020).
3	A Survey on Smart Agricultural System Using LoRa Wireless Technology	Parimal Solanki Dr. D.G. Thakore, Dr. Dipak Patel	International Journal for Modern Trends in Science and Technology, Volume No. 6 Issue No4 may,2020
4	Prepaid energy meter	Ankur Verma, Dr. M. S. Holia, Dr. M.M.Solanki	International Journal of Electrical Machines and drive, Volume No. 6 Issue No 1, June 2020
5	Industrial Safety and Power Measurements through IoT	Prof. C. J. Jayaswal	International Journal for Research in Applied Science and Engineering Technology

**B). National Level**

Sr. No.	Title	Author(s)	Name, Vol. No. of Journal & Year of Publication
<b>Mathematics Department</b>			
1	“Impact on Real Estate Developers pursuant to implementation of Real Estate Regulatory Act(RERA)2016”	Ujjawal Trivedi, Dr. Mehul Shah, Dr. Jayesh Pitroda	Journal of Emerging Technologies and innovative research, Volume 7 issue 6, June 20
2	“Prioritizing the Risk based on its impact for Redevelopment projects using AHP & TOPSIS”	Raj Varecha, Dr. Mehul Shah, Dr. Jayesh Pitroda	Journal of Emerging Technologies and innovative research, Volume 7 issue 6, June 20

<b>Electronics &amp; Communication Department</b>			
1	National Seminar on Education in Era of Pandemic	Prof. G. B. Rathod	National Seminar on Education in Era of Pandemic Vol-15, Page no.- 369-378 ISSN:-1553-0396 Date - 27/04/2020

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

**2020.2.13** For Information: Details of Research & development Projects submitted to various funding agencies.

Sr. No.	Name of Coordinator	Project Title	Funding Agency	Amount Rs.
<b>Structural Department</b>				
1	Prof. V. V. Agrawal Dr. Indrajit Patel	Experimental Investigation of Elevated tank for Seismic loading	AICTE	16,50,000
2	Prof. Jagruti Shah Dr. Vishal Arekar	Two week FDP on Smart Cities Enabling Technologies : A Step Towards New India	AICTE	5,00,000
3	Dr. Darshana Bhatt	Geosynthetics for Infrastructure development	AICTE	20,00,000
<b>Electrical Department</b>				
1	Dr. R. P. Mehta	Modernization of Power Systems Lab	AICTE MODROBS	Provisionally Recommended on AICTE Portal

**Details of Project Grant Received.**

Sr. No.	Name of Coordinator	Project Title	Funding Agency	Amount Rs.
<b>Information Technology Department</b>				
1	Dr. Keyur Brahmhatt, Dr. Vatsal Shah	Augmented Virtual Reality (AVR)	AICTE MODROB	4,23,000/-
2	Dr. Vatsal Shah	Improve Technical, Personal and Communication Skills for SC-ST Students	AICTE	5,40,000/-
<b>Structural Department</b>				
1	Dr. Snehal Mevada	Modernization of Earthquake Laboratory	AICTE	14,29,000/-
2	Dr. Indrajit Patel Prof. Jagruti Shah	Unnat Bharat Abhiyan	MHRD	1, 10,000/- Each Village
<b>Electronics Department</b>				
1	Dr. T. D. Pawar, Dr. M.S. Holia	Development of Signal Processing and Image Processing Lab	AICTE MODROB	12,60,000/-

2	Dr. J. M. Rathod, Dr. M. M. Solanki	Advanced Communication Engineering Lab	AICTE MODROB	6,48,000/-
3	Dr. M.S. Holia	Content Based Video Indexing And Retrieval	NVIDIA	1,25,000/-

**Board congratulated to all departments**

**2020.2.14** To report : The activities organized by the following ISTE Faculty & Student chapter, IE(I) Students Chapters, NCC & NSS activities during 1-4-2020 to 30-6-2020.

Sr. No.	Name of Event	Faculty Coordinator	Duration	No. of Participants
<b>Mechanical-Production Department - IE(I) Students Chapter</b>				
1	Quarantine Quiz	Prof. B S Patel Prof. P G Chokshi	1-3-2020	55
2	Quarantine Talk	Prof. B S Patel Prof. Ronak Patel	22-4-2020 to 27-4-2020	700
3	Simulation - Precursor to Automation - Cyber Physical Systems	Prof. B S Patel Prof. Druvesh Gajjar	17-6-2020	255
4	Nari	Prof. B S Patel Prof. Alpesh Damor	24-6-2020 to 26-6-2020	450
5	Organized lecture on Virtual Laboratories, AICTE, Portal	R S Barot	27-6-2020	35
<b>Civil Department - IE(I) Students Chapter</b>				
1	Webinar on Civil Engineering Opportunities Post Covid 19	Prof. N.F. Umrigar	25-4-2020	110
2	Webinar on State of the Art Technology: Super Cell in Bidirectional Pile Test	Prof. V.V. Agrawal	29-4-2020	100
3	Webinar on Multiple Linear Regression Using SPSS	Dr. Mehul Shah, Prof. N.F. Umrigar	08-5-2020	251
4	Webinar on Post COVID Solid waste Management and Practices	Prof. Jagruti Shah, Prof. V.V. Agrawal	14 -5- 2020	140
5	Webinar on Triple Constraints in Project Management	Prof. Jagruti Shah, Prof. V.V. Agrawal	15-5-2020	125
6	Webinar on BIM and its Application	Prof. Jagruti Shah, Prof. V.V. Agrawal	16-5- 2020	115
7	Webinar on Environmental Impact Assessment	Prof. Jignesh Brahmbhatt	19-5-2020	158
8	Webinar On Advanced Technique For Monitoring Real Time Cast-In-Situ Concrete Strength	Prof. Jagruti Shah, Prof. V.V. Agrawal	20-5-2020	65

<b>ISTE Student Chapter</b>				
1	Organized a workshop on Arduino Coding for beginners.	Prof. Hiren Patel	06-04-2020	14
<b>TRS Student chapter</b>				
1	Webinar on Approach towards Machine learning and Artificial Intelligence.	Dr. Vinay Patel Prof. Ashish Thakkar	05.04.2020	306
<b>Electrical Department - IE(I) Students Chapter</b>				
1	Fundamentals of Electrical Vehicle Engineering webinar	Prof. Manish Sinha, Prof. Y. R. Prajapati, Prof. S V Arya,	4-6-2020	57
2	Future Perspectives after Graduation (GATE and other technical exams) webinar	Prof. D K Patel	14-6-2020	46
3	Controlled Switching of Circuit Breaker Expert Talk Online series of lectures	Dr. R P Mehta	10-4-2020 to 10-5-2020	20
<b>Electronics Department - IE(I) Students Chapter</b>				
1	"Living In The 5G World " (Expert: Mr. Subhas Mondal (Chief Architect – 5G at Wipro Ltd.)	Dr. T. D. Pawar, Dr. J. M. Rathod Prof. Parul Panchal	05-9-2020	1200
2	"How To Convert Project Into Final Product" (Expert: Mr. Pritesh Kukadia (Application Engineer at SLS Ltd)	Dr. T. D. Pawar, Dr. J. M. Rathod Prof. Parul Panchal	10-5-2020	850
3	"Internet of Things " ( Expert: Mr. Sanjay Singh (IoT expert at CEPTA InfoTech)	Dr. T. D. Pawar, Dr. J. M. Rathod Prof. Parul Panchal	18-5-2020	3750
4	" Machine Learning" (Expert: Rahul Pathak (Data Analytics ML & AI expert at CEPTA Info	Dr. T. D. Pawar, Dr. J. M. Rathod Prof. Parul Panchal	26-5-2020	7500
<b>IEEE Students Branch</b>				
1	International Tech Conclave (ITC) 2020	Dr. Indrajit Patel Dr. J. M. Rathod Dr. Darshan Dalwadi	25-4-2020	22000
2	Awaken the Entrepreneur Within You	Dr. Darshan Dalwadi	17-4-2020	168
3	Basics of Cyber Security Field, Awareness & Career Path		12-4-2020	178
4	IEEE Xplore User Awareness Session on WebEx Meetings		02-4-2020	140
5	Blogathon		26-4-2020to 06-5-2020	128
6	Destiny of Game Makers (D.O.G.M.)		06-6-2020to 09-6-2020	615
7	Virtual Walk Around Campus Radio Station		02-6-2020	346

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

### 2020.2.15 Special Achievements Students

#### ➤ **Production Department**

- Ravi Devmurari (17PE313) presented paper doing Major Project at Finecast Guj. Pvt. Ltd, V U Nagar under guidance of Prof R S Barot, entitled “IoT feasibility aspects of mould temperature monitoring and casting simulation for smart foundry” in International Conference on Aspects of Materials Science and Engineering 2020. (ICAMSE 2020) Punjab University, Chandigarh, during May 29-30, 2020.
- Avadh Patel (16PE305) presented paper doing Major Project at Warm stream, V U Nagar under guidance of Prof R S Barot, entitled “Corrosion prevention and industrial economic analysis aspects for water heater” in International Conference on Aspects of Materials Science and Engineering 2020. ICAMSE 2020 Punjab University, Chandigarh during May 29-30, 2020.

<b>Student Name</b>	<b>Activities</b>	<b>Achievement</b>
Kandoi Achal	Blogathon - IEEE Blog Writing Event	(1 <sup>st</sup> Rank)
Uttam Sorathiya	"Pictoria"(KHOJ) Quarantine Talks	1 <sup>st</sup> Prize
Bhargav Mota	“ROTA-STARS” Rotaract Club of GCET	2 <sup>nd</sup> Rank in Photography

### **1. Computer Department**

- Peer Learning: The department is pioneer introducing peer learning practices. CSI student coordinator Dhruvil Kotecha (a third year student) trained students of Computer Engineering for Gate exam through Google classroom by sending learning materials. He conducted several quiz for subjects Data structures and Algorithms, Database management and Computer Organization. More than 40 students of second year and third year participated.

### **2. Electronics & Communication Department**

- Vedant Dokania (18EC432) has secured third position in student innovation category in Fight Corona Ideathon organized by AICTE, MHRD department for innovating E-pass proving app on timely basis.
- Aayush Prajapati (18EC450) has designed a fully automatic sensor based sanitizing machine to sanitize without human touch.
- Dhvani Trivedi (17EC411) has designed Contactless Infrared Thermal Scanner with Camera.
- Dhvani Trivedi (17EC411) has joined M19 initiative started by Makers Assylum , Mumbai and made 379 M19 face shield amid covid 19 situation to donate doctors and health workers in Bhavnagar.
- Dhvani Trivedi (17EC411) E.C. Department student’s Paper Accepted on AI Enabled Self Predictor Tool for Primary Diagnosis using Tongue Image Capture for UN SDG3 at IJITEE Conference 21st February 2020.
- Dhvani Trivedi (17EC411) presented a poster at mobile learning week at UNESCO Paris in “Innovation Demonstrations” for AI Enabled self-predictor tool for primary diagnosis using Tongue Image Capture for UN SDG 3 2020. 3rd march 2020.

- Dhwani Trivedi (17EC411) was selected as a penalist at Youth Panel at UNESCO, Paris for Ensuring non-discriminatory and gender equitable use of AI for lifelong learning 4th march 2020.
- Aziz Sutervalva (17EC439), secured First rank in the national online Hackathon - Crack The Covid - 19, Organised by Nasscom and IBM.
- Harsh (17EC410) participated in ITC-2020 as a team Member
- Harsh (17EC410) had organized and participated in Webinar organized by IEEE SB – BVM.
- Rohit Shah (17EC438) had delivered a career guidance webinar on "EC Engineering an ample of opportunity waiting at your door".
- EC Department organized Annual Day of department and distribute Academic Excellence Award under following categories.
  - Best Academic Performance Award
  - Most Punctual and Regular Student, Leadership Award
  - Star Performer of EC Department
  - Co-Scholastic Excellence Award
  - Excellence Awards
  - Academic Performance Improver Awards

### **3. Electronics Department**

- Darshana - 17EL018, Dhwani Trivedi- 17EC411, Sakshi Mehta 17EC403 achieved Runner's Up position in ssip Ideathon Post pandemic business section. Topic : "Future Nova" on 20<sup>th</sup> June.
- Harsh Mehta 19EL083 received 6<sup>th</sup> rank in event, TrakInvest BTC stock simulation Game" during 15-5-2020 to 14-06-2020 organized by Internshala.
- Harsh Mehta 19EL083 received 3<sup>th</sup> rank in event, TrakInvest Shaastra Mixed Bag#1 National level quiz competition" during 14-6-2020 organized by IIT Madras.
- Harsh Mehta 19EL083 received 1<sup>st</sup> rank in event, AGNITO Ideathon competition" during 13-6-2020 organized by IEEE MBIT SB
- Aishwariy Joshi 18EL315 received 1<sup>st</sup> position and hardware kit in competition Helium IoT for Good organized by huckster on 29<sup>th</sup> may, 2020.
- Aishwariy Joshi 18EL315 received 1<sup>st</sup> position in competition Hardware Hunt organized by ADIT IEEE SB on 20<sup>th</sup> may, 2020.
- Insiya Garbadawala (CE - 8thSem - BVM), Ankur Varma (EL - 8thSem - BVM), Prof. Dr.Indrajit Patel published paper, on corrosion, the cancer to concrete: a study to monitor through sensors in International Journal of Scientific Research in Engineering and Management (IJSREM) in its Volume: 04 Issue: 05 | May -2020

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

## **2020.2.16 Special Achievements Staff Members**

### **1. Mathematics Department**

- Dr Aakar Roghelia organized Khoj-Quest for Talent a unique online cultural talent event during 7-20 June, 2020.

**2. Information Technology**

- Dr.Keyur Brahmhatt Coordinated training of “Digital Transformation” at institute level 100 + faculty members have successfully completed the training under the initiative of MHRD and NPIU and also 13 Smart boards are installed with all necessary equipment’s at each department.
- Team of IT Department has taken initiative to provide free learning to the 12<sup>th</sup> pass students for preparing them for the higher engineering education by online mode Under the title of “Summer School”, It was Coordinated By Dr. Keyur Brahmhatt, Head IT, Prof. Bijal Dalwadi and Prof. Dharmesh Patel.
- First time in this region online Faculty development programme was organized by IT Department BVM in association with IIT Bombay Spoken Tutorial and 200 + faculty members have participated. It was coordinated by Dr. Keyur Brahmhatt, Dr. Vatsal shah, Prof. Prachi Shah and Prof. Priyank Bhojak.

Sr. No	Faculty Name	Title of contribution	Organization Name	Date
1	Dr. Vatsal Shah	Designed and Deployed Teaching Learning Module for COVID 19	BVM	16-4-2020
2	Dr. Vatsal Shah	Expert Speaker for 10 days session in Online Summer School on “Computer Workshop”	IT Dept., BVM	18-5-2020 to 23-5-2020
3	Dr. Vatsal Shah	Delivered Webinar with hands on for online teaching learning tools for BVM Faculty members	BVM	23-5-2020
4	Dr. Zankhana Shah	Expert Speaker for 10 days session in Online Summer School on “Programming Language Fundamentals”	IT Dept., BVM	25-5-2020 to 5-6 2020
5	Dr. Vatsal Shah	Designed and Deployed Video Meet Inquiry Module for Admission 2020-21	BVM	30-5-2020
6	Dr. N. B. Prajapati	Expert Speaker for 10 days session in Online Summer School on “C++- A Learning Path”	IT Dept., BVM	8-6-2020 to 18-6-2020
7	Dr. Zankhana Shah	Delivered Expert talk on “Online Teaching Tools” for CVM School Teachers	CDC, CVM	26-6-2020

**3. Structural Department** (Expert Talk delivered)

Sr. No.	Name of Faculty	Title of Programme	Topic	Date
1	Dr. Darshana Bhatt	Online Software Training "Structural Engineering	Introduction and Analysis of Beam	15-6-2020
2	Prof. V. V. Agrawal		Analysis of Plane Frame	16-6-2020
3	Dr. V. A. Arekar Prof. V. B. Patel		Analysis of Plane Truss	17-6-2020

4	Prof. V. V. Agrawal	Software STAAD.pro"	Design of RC Structure	18-6-2020
5	Dr. Snehal Mevada		Analysis of Multi store Building	19-6-2020
6	Dr. Snehal Mevada		Analysis of Industrial Building	20-6-2020
7	Prof. Jagruti Shah	Inclusive town planning in Indian context	Webinar on Town planning	13-4-2020
8.	Dr. Snehal Mevada	Panel Expert	STTP on Innovation and Up gradation in Infrastructural Technology by Terna Engineering College, Navi Mumbai	27-5-2020 to 02-6-2020

#### **4. Production Department**

- Prof R S Barot & Prof Akil Jariya: The First Faculty duo of our college to earn “**Six Sigma Green Belt**” during April-May, 2020.
- "Excellence as Technocrat" award given to Prof. R S Barot from Warm Stream, Vithal Udyonagar for strengthening Industry Institute Interaction during 2009-2019.
- Dr. A M Trivedi has completed major modules of the in-house code for Thermal and flow for friction stir welding process and has initiated developmental work of antiviral coatings on plastic & metal surfaces.

#### **5. Computer Department**

- 4 Aptitude tests and one mock interview was organized by TP Cell of Computer Dept for third year students. The department consistently maintains highest placement in the institute since several years.
- Pranay S. Patel, Computer Engg., was shortlisted as a translator for NPTEL Text Translation. He is translating lectures of the course Software Project Management (106105218) into Gujarati language.
- Pranay Patel, Computer Engg., is one of the coordinators of the team for the organization-wide setup of "Microsoft Teams" for online education.
- Dr. Mayur Vegad was shortlisted as a translator for NPTEL Text Translation. He translated three lectures to Gujarati language in the course number 106106199 (Information Security -5- Secure Systems Engineering).
- Dr. N. M. Patel and Dr. Mayur Vegad were experts in the Aatmanirbhar Bharat Ideathon event hosted by BVM on 20th June.

#### **6. Mechanical Department**

No	Topic	Coordinator	Expert Talk	Date
1	on “Challenges & opportunities in Renewable Energy” during online webinar organized by DJMIT, Mogar through Google Meet platform	Dr. Hitesh Bhargav	Delivered Expert Talk	12-5-2020
2	on “Solar Energy Potential in India” during online webinar organized by GEC, Patan through Zoom Meet platform			26-5-2020

## **7. Electronics & Communication Department**

- Dr. B. C. Goradiya Coordinated online Mock/Practice exam for all the students EC department from 6<sup>th</sup> April to 13<sup>th</sup> April, 2020.
- Dr. B. C. Goradiya Coordinated online Vocational Course for 12<sup>th</sup> Science School Students from 6<sup>th</sup> May to 15<sup>th</sup> May, 2020.
- Dr. B. C. Goradiya Conducted and Coordinated Online “**Foundation Day Celebration**” on 14<sup>th</sup> June, 2020. More than 700 well-wishers attended the same.
- BVM listed in top 300 engineering institution in NIRF ranking 2020. Dr. B. C. Goradiya is working as NIRF BVM Advisor.
- Dr. B. C. Goradiya had completed AICTE NITTT Orientation Training Programme (OTP) for Mentors. Dr. B. C. Goradiya will be AICTE recognize mentor.
- Dr. B. C. Goradiya had delivered sessions on “career opportunities after 12<sup>th</sup> Science” on numerous occasions, through online webinar.
- Dr. B. C. Goradiya and Dr. R. C. Rana has coordinated and conducted national level “Aatmanirbhar Bharat Ideathon” – 20-06-2020, in association with MHRD, NPIU, SSIP and Govt of Gujarat. More than 1800 students participated across the nation.
- Dr. B. C. Goradiya – SPOC with NASSCOM mentored the students of BVM for participation in national covid-19 Hackathon conducted by NASSCOM and IBM. BVM students secured 1<sup>st</sup> Rank.
- Prof. Robinson Paul has secured A-1 Grade (100 %) in Python for Data Science offered by IBM on Coursera Platform.
- Prof. Robinson Paul has secured 98 % in Certificate course on Machine Learning with Python offered by IBM on Coursera Platform.
- Dr. Darshan Dalwadi had delivered an Online vocational Course entitled “Effective Learning of Microsoft Office” organized by EC Dept.
- Dr. Sandip Unadkat had Delivered an Online vocational Course entitled “ Black Holes and Fundamental laws of Physics ” organized by EC Dept.
- Prof. Robinson Paul has secured 100 % Grade in Build a Data Science Web App with Streamlit and Python offered by Coursera Platform.
- Prof. Robinson Paul has secured 100 % Grade in Computer Vision - Object Tracking with Open CV and Python offered by Coursera Project Network.
- Prof. Robinson Paul has secured 100 % Grade in Introduction to Intel® Distribution of Open VINO™ toolkit for Computer Vision Applications offered by Intel
- Prof. G. B. Rathod had delivered an Online vocational Course entitled “Use of Google Tools for day to day life” organized by EC Dept.
- Prof. G.B. Rathod had completed course on AI for everyone offered on Coursera platform.
- Prof. G. B. Rathod had passed the NPTEL course of “Biomedical Signal Processing”, with 83 % percentage.
- Prof. G. B. Rathod had passed the NPTEL course of “Effective Engineering teaching in practice”, with 77 % percentage.

## **8. Electronics Department**

- Dr. T. D. Pawar has achieved 97% score in Discrete time Signal Processing (8 Weeks) On the SWAYAM platform, NPTEL, during the Jan-Apr 2020 semester
- Dr. M. S. Holia has achieved 99% score in Microprocessors And Microcontrollers (12 Weeks) on the SWAYAM platform, NPTEL, during the Jan-Apr 2020 semester
- Dr. M. S. Holia has achieve 90% score in Digital Electronic Circuits (12 Weeks) on the SWAYAM platform, NPTEL, during the Jan-Apr 2020 semester.

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

**2020.2.17** Patent Award:

<b>Sr. No.</b>	<b>Faculty Name</b>	<b>Title of patent-Award</b>	<b>Other details of Patent - Award</b>	<b>Month &amp; Year</b>
1	Dr. H S Beravala Prof. R S Barot	“Single point incremental forming process: used for improving surface roughness in formed sheet material component”, Patent Filling (Provisional Date):- 08-6-2015	Patent Filling Publication (Complete Application Date:- 06-06-2016) Submitted response of first Patent examination report for the patent (Application number: 2187-MUM-2015)	Provisional Patent Number: 2187-MUM-2015, Type Of Patent: - Process Patent.

**The report was noted.**

**2020.2.18** Agenda for TEQIP – III Project

To take note of followings:

1. Internal Auditor Report for the period 01-10-2019 to 31-03-2020 submitted by A Yadav and Associates Internal Auditor on 16-06-2020. **(Encl. - IV)**
2. Statutory Audit Report for F.Y. 2019-2020 submitted by JCR & Co. Statutory Auditor on 09-07-2020. **(Encl. - V)**
3. BVM had deposited 8% of Internal Revenue Generated to the TEQIP III project sustainability fund vide Cheque No.001579 on 30<sup>th</sup> June 2020 for the Financial Year 2019-2020.
4. **Data submitted to NPIU through Google Link regarding:**
  - Equity Action Plan to be submitted to NPIU on 29-05-2020.
  - TEQIP III: Action Plan for GATE 2021 -reg. on 03-06-2020.
  - Submission of Action plan for the 2nd Qtr. (July to Sept., 2020) for F.Y. 2020-21— reg. on 10-06-2020.
  - Participation of institutes / ATUs in Digital Initiatives by MHRD on 13-06-2020.
  - Dr. Rajvirsinh Rana, Associate Professor, Electronics & Communication nominated under National Innovation and Start-up Policy (NISP) Implementation program of MHRD’s Innovation Cell and AICTE on 18-06-2020.
5. Prof. Mehul Shah and Prof. Rajvirsinh Rana will work as Jt. Nodal Officers (III and GE) under TEQIP III project.
6. 105 faculty members successfully completed online training on “Digital transformation in Teaching Learning Process (DTITLP)” conducted by NPIU in three different batch started from February 2020 to April 2020.
7. BVM has submitted “Expression of Interest (EoI) for Virtual Labs (An MHRD Govt. of Indian initiative) center at our institution on 03rd June 2020. Prof. Ajay A Daiya, Associate Professor, Electronics Department shall work as Nodal Coordinator.
8. In view of revisions in Procurement Guidelines of TEQIP-III, the existing framework for signing the contract for services (Employability Skill training and GATE training) with

the NPIU empaneled service providers (SPs) stands cancelled & no longer remains in existence with effect from 22.06.2020 (NPIU Email dated 22 June 2020).

9. BVM Engineering college organized below mentioned webinars jointly with Engineering College Banswara under twinning:
  - TEQIP-III Sponsored Three Days' webinar series organized by Structural Engineering Department and IEI Students' Chapter Civil of BVM Engineering College, V. V. Nagar jointly organized with GEC Banswara in between 14-16<sup>th</sup> May,2020.
  - TEQIP-III Sponsored: BVM Engineering College and GECB under twinning arrangement Student's Chapter of IE (I) ELECTRONICS along with CETPA INFOTECH Pvt. Ltd organized webinar about Internet of Things on 18<sup>th</sup> May 2020.
  - Production and Mechanical Engineering Department arranged "Quarantine Talks" during 22<sup>nd</sup> to 27<sup>th</sup> May 2020.
  - TEQIP-III Sponsored: BVM Engineering College and GECB under twinning arrangement Student's Chapter of IE (I) ELECTRONICS along with CETPA INFOTECH Pvt. Ltd organized webinar about Machine Learning on 26 May 2020.
10. Approval received from CVM (letter ref. no. No. F/108/353 dated 21-07-2020) for
  - Enrolling for ICT Academy institutional membership
  - Enrolling for Institutional Membership of the Institution of Engineers (India). The membership fees payment for both bodies will be made from TEQIP III project fund.
11. TEQIP-III Sponsored: BVM Engineering College and GECB under twinning arrangement, SSIP along with Educational Department of Government of Gujarat and MHRD have done online competition on Aatmanirbhar Bharat Ideathon & Hackathon on 20th June-2020.
12. Twinning meet was organized online on 8 July 2020 with our Mentor Institute organized on Google meet Platform at 11 Am onwards under Covid-19 Pandemic situation, Meeting was called by BVM Engineering College. Principal, TEQIP Coordinators and Twinning coordinators of both the college have attended.

**Following online activities were organized for Faculties and Students (from 01.04.2020 to 30.06. 2020)**

1. Computer Engineering Department organized "Webinar on "Python with Django" on 18<sup>th</sup> April 2020.
2. Computer Engineering Department organized CSI 'Code Crunch Competition' on hacker earth platform on 25<sup>th</sup> April 2020.
3. BVM organized International Tech Conclave ITC-2020 during 26th April 2020 to 30th April 2020.
4. Structural Engineering Department organized webinar on State-of-The-Art Technology: Super Cell in Bi-Directional Pile" test during 29<sup>th</sup> April 2020.
5. Computer Engineering Department organized Peer to peer learning Webinar on Basic of Angular and FASTAPI with Project on 02<sup>nd</sup> May 2020.
6. Civil Engineering Department along with Mathematics Department organized webinar on "Multiple Linear Regression" using SPSS" on 08<sup>th</sup> May 2020.
7. Electronics Engineering Department organized webinar on "LIVING IN THE 5G WORLD" on 09<sup>th</sup> May 2020.
8. BVM organized Fitness in Quarantine Commit to be Fit workshop 08<sup>th</sup> May 2020 TO 10<sup>th</sup> May 2020.

9. Electronics Engineering Department organized webinar on "HOW TO CONVERT PROJECT INTO FINAL PRODUCT" on 10<sup>th</sup> May 2020.
10. BVM organized BVM Talks "ANUBHAV" during 15<sup>th</sup> -16<sup>th</sup> May 2020.
11. Civil Engineering Department organized webinar on "Traffic Studies for DPR Project" on 16<sup>th</sup> May 2020.
12. Civil Engineering Department organized webinar on "Environmental Impact Assessment" on 19<sup>th</sup> May 2020.
13. Structural Engineering Department organized webinar on "Advanced Technique for Monitoring real time Cast-in-situ Concrete strength" on 20<sup>th</sup> May 2020.
14. Civil Engineering Department organized webinar on "Application of Structural Equation Modeling and Ordered Probit Model in Transportation Engineering" on 22<sup>nd</sup> May 2020.
15. Civil Engineering Department organized webinar on "One Dimensional Hydrodynamic Flood Modelling using HEC-RAS 5.0.7" on 23<sup>rd</sup> May 2020.
16. Mathematics Department along with Ethnus, Bengaluru organized webinar on "Aptitude Ability on 19<sup>th</sup> June 2020.
17. Mathematics Department organized 6-day Webinar Series on "Mathematical Tools" From 13<sup>th</sup> June 2020 to 18<sup>th</sup> June 2020.
18. Mathematics Department organized a 5-day virtual student development program on "Entrepreneurship and Innovation" during 15<sup>th</sup> June to 19<sup>th</sup> June 2020.

**To Approve:**

- 1 Completed Packages with 100% payment done as on 30-06-2020. **Encl : VI**
- 2 Packages Cancelled. **Encl : VII**
- 3 Packages in GRN with 90% payment done\_30-06-2020 **Encl : VIII**
- 4 Procurement at PO released Stage (Waiting for Delivery of Goods)\_30-06-2020 **Encl : IX**
- 5 Procurement Plan in PMSS\_30-06-2020 **Encl : X**
- 6 Re-Latest Procurement Plan (From 01 Sep 2017 to 31 Dec 2020) in PMSS as on 23-07-2020 **Encl : XI**
- 7 Financial Management Indicator Report for the period 01-01-2020 to 31-03-2020 (Jan to March 2020) submitted to NPIU on 18-06-2020. **Encl : XII**
- 8 TEQIP-III: Tally Certification for Procurement Expenditure on 18-06-2020. **Encl : XIII**
- 9 TEQIP – III phase Financial Monthly Report (FMRs) for the month of April 2020 to June 2020. **Encl : XIV**
- 10 For ensuring equity, payment norms for online activities by students, faculty and staff members will be implemented from 18<sup>th</sup> June 2020.
- 11 To purchase various peripheral items (computer add-ons) for undertaking the teaching remotely and on digital platforms at time of pandemic situation. The expenditure for the same will be booked under IOC-Operation & Maintenance component.
- 12 Dr. Mayur M Vegad is the faculty trainer for the NPIU mandated online training programme on IoT (Ref. NPIU Email dated 2nd June). Dr. Mayur has requested to include Mrs. Dharita K Patel, Asst. Prof, EE department of BVM as a faculty expert to cover one module in the curriculum to be covered. If approved, Mrs. Dharita should be given remuneration as per the current TEQIP-III guidelines.
- 13 With reference to revised procurement guidelines with effect from 22-06-2020 (NPIU Email dated 22 June 2020), any procurement of Goods & Services shall now be

mandatorily procured through GeM only. However, the service for internal auditor and the statutory auditor is not available on the GeM portal and hence, the services of existing Internal and statutory auditors will be extended for the current Financial Year 2020-2021 for TEQIP III Project. The terms, and increment of fees etc. shall be as per previous year extension and re-appointment.

**The report was noted**

**2020.2.19** For Information: Details of Ongoing Projects at Institute

<b>Name of Project</b>	<b>Funding Agency</b>	<b>Amount</b>
TEQIP – III	The college received a grant of 7 crores from 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**

**2020.2.20** 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 and Membership drive.

1. BVM Alumni Association has conducted A GOOGLE MEET ON DATA BANK on Saturday 30<sup>th</sup> May, 2020 at 10 am with the data bank committee. 16 members from the committee have participated and made the meet successful by giving their suggestions to make the data bank strong. Also the strategies have been discussed for the future process of the data bank and membership drive.
2. On the occasion of 73<sup>rd</sup> BVM Foundation Day on June 15, 2020, BVM Alumni Association had contributed Rs. 11, 00, 000/- towards PM Cares Fund. Earlier we had contributed Rs. 12, 00, 000/- towards Gujarat Chief Minister’s Relief fund on April 14, 2020.
3. COVID-19 donations received during April-2020 to June-2020 is rs. 19, 82,289/-.

**List of Donations received from April 2020 to June 2020**

<b>BVM Alumni Association Donation During 1-4-2020 to 30-6-2020</b>				
<b>Sr.No.</b>	<b>Name of Donor</b>	<b>Head of Donation</b>	<b>Amount</b>	<b>Date</b>
1	P H Savalia	Scholarship Fund	₹ 1,000.00	28-5-2020
2	Girish M Patel	Scholarship Fund	₹ 20,000.00	06-6-2020
3	Girdhar Adroja	Scholarship Fund	₹ 2,000.00	08-6-2020
4	Bhupendrakumar Halani	Support Needy Students	₹ 11,000.00	16-6-2020
5	Mayur Shah	Support Alumni Activities	₹ 2,000.00	25-6-2020
<b>Total</b>			<b>₹ 36,000.00</b>	

**The report was noted**

**2020.2.21 To Information - Result Analysis**

<b>Semester - 8 (UG)</b>				
<b>Branch</b>	<b>Appeared</b>	<b>Pass</b>	<b>Fail</b>	<b>Percentage</b>
Civil	139	139	0	100
Computer	72	72	0	100
Electrical	71	71	0	100
Electronics	75	75	0	100
Mechanical	139	139	0	100
Production	49	49	0	100
PDDC	11	11	0	100
EC	51	51	0	100
IT	68	68	0	100

<b>Semester - 4 (PG)</b>				
<b>Branch</b>	<b>Appeared</b>	<b>Pass</b>	<b>Fail</b>	<b>%</b>
Computer	14	13	01	92.86
Construction Engineering and Management	19	19	0	100
Electrical Engineering	09	09	0	100
Infrastructure Engineering and Technology	13	13	0	100
Machine Design	12	11	01	91.67
Structural Engineering	12	12	0	100
Transportation Engineering	16	16	0	100

**The results were noted and Board congratulated all departments.**

**2020.2.22 To Information – Project Grant Received**

Sr. No	Scheme	Letter No. & date	Amount received	Coordinator	Title
1	Prerana Scheme for SC/ST Students	No. 72-1/StDC/Prerana/Policy/2019-20 dated 14-7-2020	5,40,000/-	Dr. Indrajit Patel Dr. Vatsal Shah	Improve Technical, Personal and Communication Skills for SC-ST Students.
2	STTP	No. 34-36/96/FDC/STTP/Policy-1/2019-20 dated 10-8-2020	3,28,333/-	Prof. Jagruti Shah	Smart Cities Enabling Technologies : A Step Towards New India
3	RPS	No. 8-43/FDC/RPS (Policy-1)/2019-20 dated 14-8-2020	11,05,882/-	Dr. Narendra Patel	A Vision based dynamic gesture recognition of Indian Sign Language using Kinect
4	ATAL FDP	Confirmation Email dated 04-8-2020 App. ID - 1583745695	93,000/-	Prof. Jagruti Shah Dr. Indrajit Patel	Infrastructure Engineering

**Board congratulated to all Members.**

**2020.2.23** Mr. Girishbhai C. Patel, Administrative Officer retired on 31-08-2020 due to Superannuation. As awaiting NOC for recruitment of sanctioned non-teaching staff from Director Technical Education Gandhinagar (DTE), For Stopgap arrangement chairman BoG has given approval for Contractual appointment as OSD Admin. in interest of smooth administrative governance of the college vide letter no. F/40/264 dated 18-08-2020.

Name	Date of Contractual Appointment	Remuneration p.m.
Mr. Girishbhai Patel	01-09-2020	12,000/-

**The report was noted.**

**2020.2.24** Matter regarding Re-designating Associate professor to Professor (GIA Component).

**Principal informed about the procedure carried out and informed about the past action taken for similar cases. The board suggested to consider the present eligible cases Eligible, there is no financial implication as well as seniority claim.**

**Cases of all present eligible faculty members will be presented to committee for finalizing and approval as suggested by Hon Chairman BoG**

- Prin R C Talati ,Mentor Secretary
- Dr Indrajit Patel ,Principal
- Dr T D Pawar, Dean of Faculty Affairs

**It is further resolved to take put cases of SFI to fulfill cadre ration and reverted cases.**

**GIA cases for asst. to asso. Professor cadre to be checked in context to SFR and Cadre ration for further action and to be discussed with Hon. Chairman**

**2020.2.25** To Information: Details of GATE 2020 Qualified Students

Total Students in current 4th Year:	<b>488</b>
Total Students Registered in GATE:	<b>264</b>
Total Students Appeared in GATE:	<b>264</b>
Total Students Qualified in GATE:	<b>56</b>

**The report was noted and BOG members congratulated all students. Principal informed about national qualifying average and strategy to improve the same.**

**2020.2.26** Any other matter with the permission of the Chair.

**MoU with Volata-e Mobility Mumbai was signed by the Chairman BoG. Congratulations to Team Electronics Engineering Department and coordinator Dr J M Rathod.**

**Annual Report of BVM for year 2019-20 was released by the members and congratulated to Editors Dr Zankhana Shah, Prof Jagruti Shah and members of the Team.**

- Prof (Dr) D P Agrawal congratulated team BVM and Principal for efforts towards excellence. He shared his views to prepare exit strategy after TEQIP project to sustain the activities. All he inform to map outcome of all activities. Dr Agrawal asked principal to present the best practices of the institution to other colleges.
- Dr Kakre inquired about the modality of online teaching learning process and desired to get feedback from the stakeholders. He also shown keen interest to know about the technicality and feasibility of the Roof Top Solar Power plant to be installed in Campus.
- Dr M N Patel Shred his experience at Parul University about online teaching activates. He informed that Learning beyond curriculum practice at BVM is unique and should be continued using digital platform.
- Shri Surendrabhai Patel appreciated team effort and congratulated for establishing Endowment Chair in the Name of Principal S B Junarkar, founder principal of the college.

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.

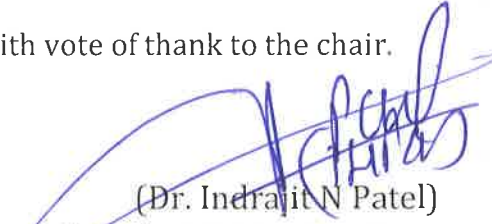
Dr. Indrajit Patel expressed thanks to all Board Members, Management, GTU, DTE, AICTE, UGC, Alumni for their contribution for development of BVM during their tenure of three year. BVM have gained a great mileage in terms of academic and administrative governance as well as quality assurance. TEQIP3, 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.

**Chairman and all the Board Members Congratulated Principal and Team BVM.**

Meeting ended with vote of thank to the chair.



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

No. F/BoG Min 2020.2/108-2/

Date:

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