

# Bhailalbai and Bhikhabhai Institute of Technology

## Science and Humanities Department (GIA & SFI)

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### Department Activities carried out during lockdown period till 30/4/2020

Sr. No.	Activity	Details
<b>Departmental Activities</b>		
1	Departmental meeting	Two online departmental meeting were held in this lockdown period. 1 <sup>st</sup> on 26/03/2020 and 2 <sup>nd</sup> on 20/04/2020. Information provided by the principal and instructions received from CVM and Govt. were discussed. All were instructed to work from home and check various online platforms and use them for online studies.
2	Laboratory manual	All the staff members were instructed to prepare and update laboratory support material and laboratory manuals. These are now ready to be used whenever required.
3	External Paper Setting	Dr. Anurag Emanuel received intimation from GTU for paper setting for the subject of Applied Science – II.
<b>Faculty Development Activities</b>		
1	Research activity/publications	<p>1. <b>Dr. Reena R Meena</b> has published a research paper on “Thermo-acoustic study of transformer oils through ultrasonic technique”, Petroleum Science and Technology, DOI: 10.1080/10916466.2020.1739708.</p> <p>2. <b>Dr. Shyam Khambholja</b> has submitted an article in V Vidyanagar magazine for the National Technology Day which is celebrated every year on 11<sup>th</sup> May.</p> <p>He is also in constant communication with the Board of Research in Nuclear Science regarding his ongoing major research project titled “Numerical Study for prediction of various thermal and physical properties of Lead-Lithium System”</p>
2	Online courses	<p>1. <b>Dr. Anurag Emanuel</b> has successfully completed an online course on Generate and Visualize data in Python and Matlab on UDEMY.</p> <p>2. <b>Dr. Reena R Meena</b> has enrolled herself in a 4 week online academic course on “Hinduism through Scriptures”, Harward University, Cambridge, MA, USA.</p>
3	Webinar/e-STTP attended	1. Total <b>14</b> webinars were attended by the faculty members of the department.

		2. <b>Dr. Heena B Variya</b> is attending an e-FDP on 'Teaching in Uncertain Times: Opportunities and Challenges' (From 30 <sup>th</sup> April, 2020 to 5 <sup>th</sup> May, 2020)
4	Expert lecture	<b>Dr. Shyam Khambholja</b> has received invitation as an expert in webinar on "Sponsored research opportunities in higher education" by Parul Polytechinc and delievered expert talk on 1 <sup>st</sup> May, 2020.
5	Books	The faculty members have read around 11 books, both academic and non-academic to keep themselves motivated and updated during the period of lockdown.
<b>Faculty Student Interaction</b>		
1	Guidance and counseling	Guidance and Counseling sessions were held by subject coordinators of our department for the students of all the departments where in the students were motivated and directed on how to prepare themselves in this adversity and how their online session on the related subject will be held so that they can prepare themselves for the exams. Staff members are available to students on whatsapp and on call to solve any doubts or difficulties and also counseling if required.
2	Assignment and tutorials	All the staff members were instructed to prepare and circulated assignments and tutorials among students which will be helpful to them in studies as well as preparing for examination.
3	Online lecture/session	Online lectures for the subject of mathematics, physics and chemistry are being held and the teachers are in constant contact with the students. All the online options are being used for online teaching. Staff has created youtube channels for teaching and material sharing. Lectures are being taken on various platforms like zoom, webex, conferencecall meeting, whatsapp etc. As of today almost 90% course has been completed and by 10 <sup>th</sup> May we will be able to complete the full course in all the departments.
4	Online material provided	Study material has been provided to students via various online platforms such as youtube, whatsapp, emails etc. staffmembers have created their youtube channels so that maximum students can get benefit from it. Subject related videos and video lectures have been prepared and circulated among students and their doubts solved personally on whatsapp or on call.

**Dr. Anurag Emanuel**

In-charge Head, Science and Humanities Department

B & B Institute of Technology

Vallabh Vidyanagar