

## G S Science Arts and Commerce college, Khamgaon

### A report on In-house Summer Research Program (Online) 2019-20

As per policy for promotion of Summer Research, online summer research program was conducted during the academic year 2019-20. Due to COVID -19 pandemic, it was conducted in an online mode. Students applications were invited in online mode by the IQAC. A total of 116 students applied for the summer internship under the mentorship of five mentors. A few students were shortlisted based on their academic record and availability of IT infrastructure with them.

Summer research program was successfully completed under following three mentors:

1. Dr D S Talwankar (Area of Research : Ethno-medicinal Plant)
2. Dr A D Bhosale ( Area of Research: Commerce and Business Management)
3. Dr H S Chandak ( Area of Research : Computational Chemistry and Understanding chemical footprints from Human Life)

It is noteworthy to mention that Dr H S Chandak have tried to build a linkage with **Dr Sanjio Zade, IISER Kolkata** to conduct training session on the use of Gauss View and Gaussian software. Periodic virtual meetings with students were conducted on Zoom/ Google Meet platform. Dr Zade sir attended all the meetings The recorded videos of the training sessions were uploaded on YouTube and following links were shared with the students to get better insight of the topic.

Sr No	Name of the mentor	No. of students who completed Summer Research	Link to report by mentor
1.	Dr D S Talwankar	02	<a href="https://tinyurl.com/tm6mvkma">https://tinyurl.com/tm6mvkma</a>
2.	Dr A D Bhosale	05	<a href="https://tinyurl.com/hy3w9fbb">https://tinyurl.com/hy3w9fbb</a>
3.	Dr H S Chandak	09	<a href="https://tinyurl.com/y2z7ekjh">https://tinyurl.com/y2z7ekjh</a>

Following students successfully competed in-house summer research program:

S. No.	Name of the student	Mentor	Department	Link to report
	Anuja Bawaskar	Dr D S Talwankar	Botany	<a href="https://tinyurl.com/tm6mvkma">https://tinyurl.com/tm6mvkma</a>
	Samidha S Ugale	Dr D S Talwankar	Botany	<a href="https://tinyurl.com/tm6mvkma">https://tinyurl.com/tm6mvkma</a>
	Divya S Dhole	Dr A D Bhosale	Commerce	<a href="https://tinyurl.com/hy3w9fbb">https://tinyurl.com/hy3w9fbb</a>
	Sakshi N Chopda	Dr A D Bhosale	Commerce	<a href="https://tinyurl.com/hy3w9fbb">https://tinyurl.com/hy3w9fbb</a>
	Vaishnavi V Khandare	Dr A D Bhosale	Commerce	<a href="https://tinyurl.com/hy3w9fbb">https://tinyurl.com/hy3w9fbb</a>
	Hemlata C More	Dr A D Bhosale	Commerce	<a href="https://tinyurl.com/hy3w9fbb">https://tinyurl.com/hy3w9fbb</a>
	Aparna G Mankar	Dr A D Bhosale	Commerce	<a href="https://tinyurl.com/hy3w9fbb">https://tinyurl.com/hy3w9fbb</a>
	Roshani Tiwari	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/roshanitiwari">https://tinyurl.com/roshanitiwari</a>
	Bhargav N Bhatti	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/bhargavbhatti">https://tinyurl.com/bhargavbhatti</a>
	Ankita D Kale	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/ankitakale">https://tinyurl.com/ankitakale</a>
	Vaishnavi.N.Fursule	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/vaishnavifursule">https://tinyurl.com/vaishnavifursule</a>

	Anmol Khanchandani	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/anmolkhanchandani">https://tinyurl.com/anmolkhanchandani</a>
	Rutuja Yadgire	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/rutujayadgire">https://tinyurl.com/rutujayadgire</a>
	Sarika K. Bavane	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/sarikabavane">https://tinyurl.com/sarikabavane</a>
	Neha S Lakhani	Dr H S Chandak	Chemistry	1. <a href="https://tinyurl.com/nehafotprints">https://tinyurl.com/nehafotprints</a> 2. <a href="https://tinyurl.com/nehadft">https://tinyurl.com/nehadft</a>
	Trupti M Nemane	Dr H S Chandak	Chemistry	<a href="https://tinyurl.com/truptinemane">https://tinyurl.com/truptinemane</a>

**Some of the significant outcomes of these projects are :**

1. Research aptitude among the student has been developed.
2. Students learned to search literature and write reports.
3. Students perspective about use of different items have been changed. They now look for the contents in the product, their effects and side effects before using any item.
4. They are showing willingness to work as ambassador for creating awareness among the society.
5. Their confidence level has been raised so that they can come up with new ideas and try new experiments.

**Dr. H S Chandak**  
(Coordinator, IQAC)

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