

Best Practices

1. Short Term Courses Conducted under Shri G D Kelkar Skill Development Centre

These courses impart training in niche areas that enable student to have better employability or to improve personality/acquire new skills. 12 Courses were conducted and their details are as follows:

Sr. No	Title of the Course	Date of Commencement	No of Beneficiaries
	Certificate course in German Level A1	24/09/2018	47
2	Certificate course in German Level A2	22/08/2018	14
3	Certificate course in Research Methodology in Social Science	20/08/2018	14
4	Certificate course in GST ready Tally	09/09/2018	13
5	Self Empowerment through Meditation	07/08/2018	20
6	Positive Psychology and Well Being	24/08/2018	27
7	English Enhancement course	04/08/2018	11
8.	Advanced Diploma in Interior Design (ADID)	1/08/2018	20
9	Advanced Diploma in Fashion Design (ADFD)	1/08/2018	22

10	Certificate in Spoken English	20/08/2018	62
11	Maths Bridge Course	28/01/2019	06
12	Saral Hindi	28/08/2018	21

2. Research: The Differentiator with the Focus on Social Welfare

Goals:

- To establish Vaze College as a front runner in research and a knowledge hub across specialties with state of the art laboratories, facilities and libraries so as to attract talent for research and to retain and provide encouragement to the in-house talent
- To undertake socially as well as commercially relevant research projects
- To transfer research from Lab to industry and to Land
- To establish linkages for Backward and Forward integration
- To establish linkages with industry and Institutes of National importance

On-going Research Activities :

- Scientific Research Centre (SRC) was established in 1991 as a special purpose vehicle for research in the emerging areas of Biotechnology and Cosmetology so as to realize his dream of social responsibility. Today, SRC carries impeccable credentials like approval from Department of Science and Industrial Research (DSIR), recognition by FDA and rating by CRISIL.
- Advanced Research Laboratory for Natural and Synthetic Chemistry was established to synthesis and develop new agents which were effective against various diseases.
- Additional laboratories and facilities were established through the grants under schemes like UGC – BSR, CPE, DST -FIST, DBT - Star scheme for promotion of research at UG level.

- Perfumery and Cosmetology laboratories were built to develop formulations for small industries.
- SRC, Advanced Chemistry Lab and Perfumery and Cosmetology department take up socially relevant projects and such other projects where contribution to the growth of industries can be through the original research or through improvement in the processes. Special efforts are made for forward integration by encouraging researchers from other institutions to carry out their research work and to get exposure to new technology. The laboratories and in house expertise is made available to them.

SRC has standardized protocols for cultivation and post-harvest processing of various aromatic crops and have demonstrated the same in various parts of the country. DBT-GOI provided project formulation budget and has also sanctioned the project at a total cost of Rs.143.83 lacs for 4 years duration. The project involved standardization of agro technologies under local conditions for five aromatic crops viz. Lemon grass (*Cymbopogon flexuosus*), Citronella (*Cymbopogon winterianus*), Palmarosa (*Cymbopogon martini*), Patchouli (*Pogostemon cablin*) and

Geranium (*Pelargonium graveolens*); demonstration on 50 acres at farmers fields, capacity building of farmers, setting up two distillation units for value addition through extraction of essential oil and arranging marketing tie-ups for its buy-back through Unati and Keva Biotech

- Researchers in the Advanced Research Laboratory for Natural and Synthetic Chemistry have successfully developed anti-malarial agents. Anti-diabetic activities are also established.
- Department of Botany carried out carbon dioxide sequestration using micro algae in collaboration with ICT DBT centre for energy, bio-fuels.