



SOMAIYA
VIDYAVIHAR UNIVERSITY



2050: Navigating Strategies For Skilled Manpower Readiness

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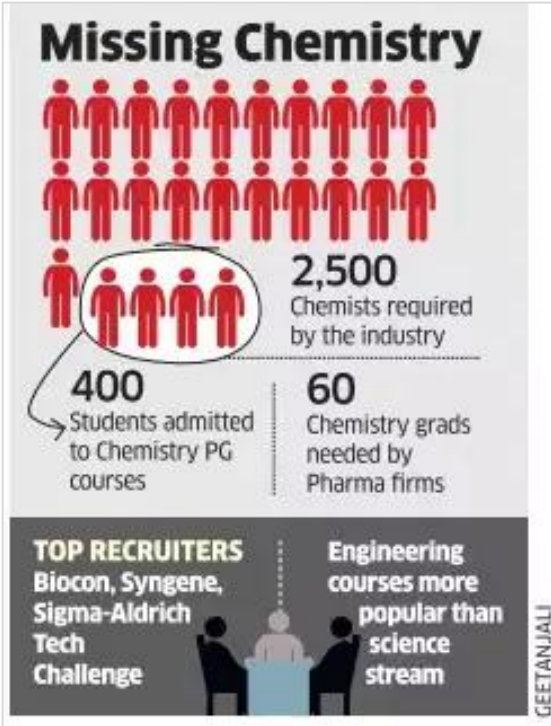
Professor  Chemical and Polymer Sciences

Chemical industry expects to reach a market size of \$383 billion by 2030

The chemicals sector is not only expanding in terms of market value but also in enterprise and employment numbers. By 2024, the number of enterprises operating in this market is expected to reach 15,730, with CAGR of 4.70 per cent from 2024 to 2029. This growth will translate into a higher enterprise density of 11 enterprises per 100,000 populations.

Employment in the chemicals sector is projected to reach 1 million by 2024, supported by a CAGR of 3.19 per cent over the forecast period.

Favorable government policies, improving infrastructure, and **the availability of skilled labor at competitive costs** further enhance the sector's attractiveness.

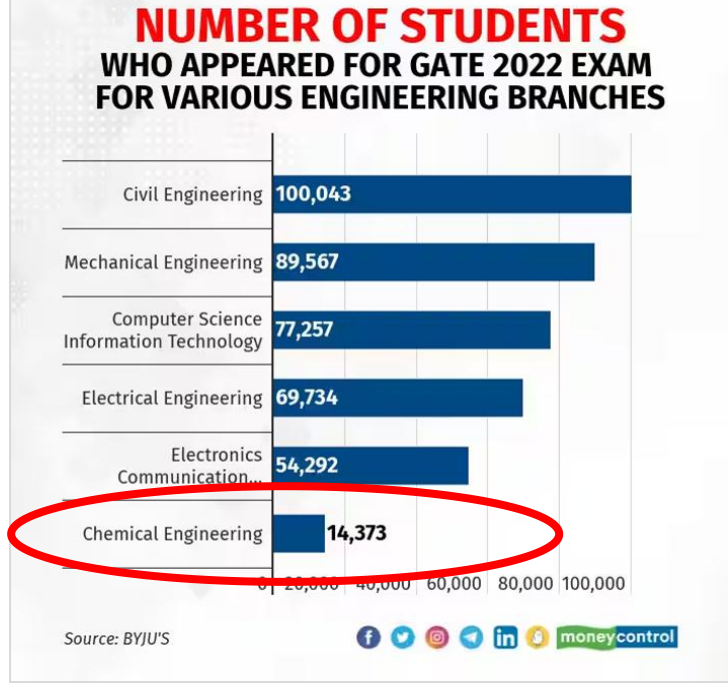


SCIENCE STREAM WORST AFFECTED

District	Mumbai (city+suburb)		Thane+ Palghar		Raigad	
	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21
Arts	34,633	41,300	36,617	38,291	8,483	8,368
Science	41,625	50,998	33,303	37,334	10,304	11,423
Commerce	1,84,508	2,05,655	1,38,902	1,37,599	20,829	21,206
Total	2,60,766 (-12.5%)	2,97,953	2,08,882 (-2.04)	2,13,224	39,616 (-3.4)	40,997

(source: Mumbai university)

Few takers for Chemistry at postgraduate level



Bengaluru: Chemistry graduates in short supply as courses find no takers

Amid new FYUGP, decline in demand for Science subjects

Just 45% of India's graduate jobseekers meet industry needs: Study

Reality Check...

  Would we have the required number of graduates

 Science  Chemistry  Chemical Engg  in     

  Would the graduates be skilled to take on these jobs 



Turning Challenge into Opportunity



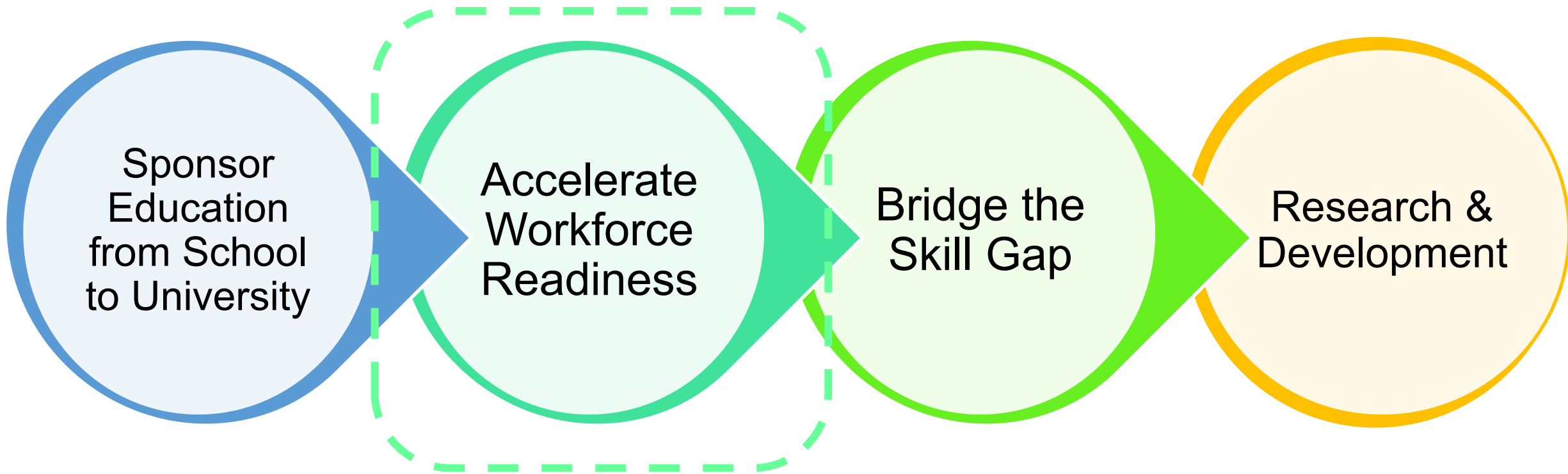


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*Opportunities for
Industry  Academia Collaboration
@Somaiya Vidya Vihar University*

Knowledge Alone Liberates



Building a talent pipeline for the Chemical Industry



“Equip 200 women from underprivileged backgrounds to pursue careers in the chemical industry”

an initiative

‘Led by BASF, implemented by Somaiya Vidyavihar University and supported by Indian Chemical Council’





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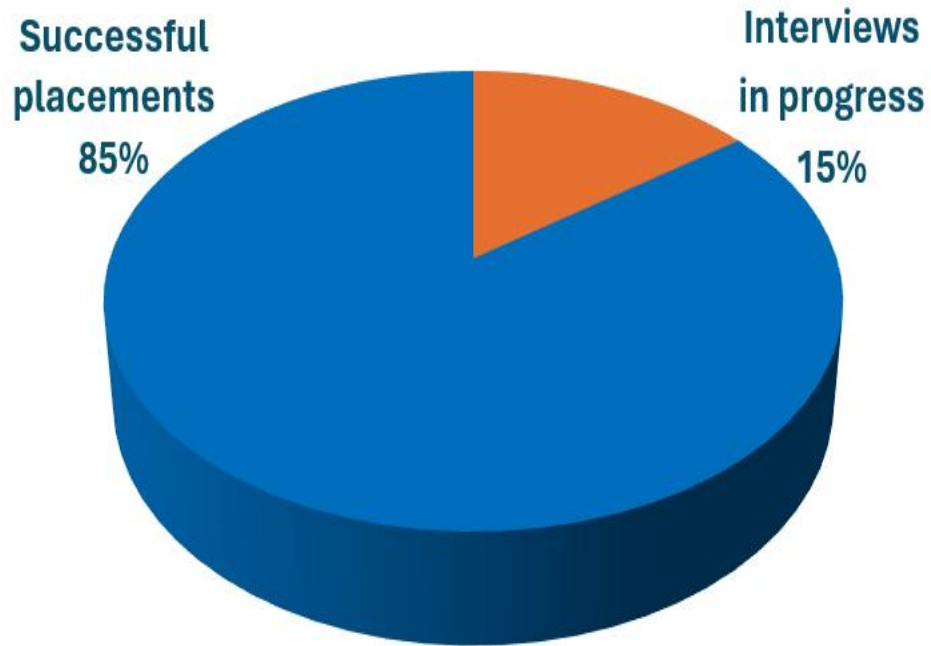


From Classroom to Team Building...



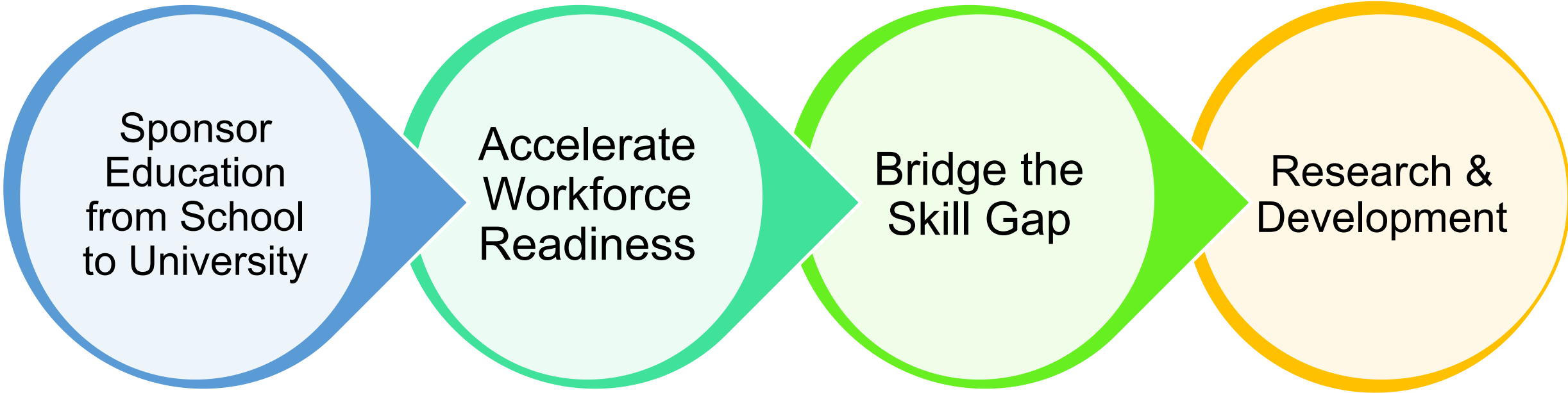
...to Industry Visits and Conferences

1st Batch of Ue Chemie girls join the Chemical Industry





Inviting Industry to collaborate with us





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