



CATALYSING EXCELLENCE

THROUGH INNOVATION

“ TRANSFORMING IDEAS
INTO INDUSTRIAL REALITY ”



YOUR INNOVATION. OUR ENGINEERING. ENDLESS POSSIBILITIES.



ABOUT US

We are an engineering technology company specialized in laboratory units, pilot plants, demonstration plants, and semi-commercial plants. Our expertise lies in transforming innovative laboratory concepts into scalable industrial solutions.

Every scientist and researcher dreams of taking their chemistry from the laboratory to commercial scale and we are committed to bridging that gap. We understand the years of dedication, research & hard work behind every process and we treat each project with the same level of passion and ownership as our own.

From understanding your exact requirements to engineering design, fabrication, assembly, testing, Factory Acceptance Testing (FAT), supply, installation, commissioning, training, warranty support, and Annual Maintenance Contracts (AMC) we provide complete end-to-end solutions.

With a strong focus on quality, safety, reliability and innovation, we help our clients validate technologies, minimize scale-up risks and accelerate their path to commercial success.



OUR MISSION

To accelerate the commercialization of innovative chemical technologies through efficient pilot plant solutions and engineering excellence.



OUR VISION

To become a trusted partner in process development and scale up, enabling sustainable and innovative solutions globally.



WHAT WE OFFER

Fully automated lab units, pilot plants, demo plants & semi commercial plants as listed below but not limited to



Fixed bed reactor plants
for hydro processing, hydro treating, hydrogenation, reforming



Fluidized bed reactor plants
for hydrocracking, gasification, pyrolysis, catalyst regeneration



Continues stirred tank reactor plants
for polymerization



Plug flow reactors



Mass transfer units
like distillations, extraction, absorption, stripping, drying, membrane separation



Services:
Engineering design package



**ENGINEERING
SOLUTIONS THAT
DRIVE INNOVATION
AND GROWTH**

WHY WE STAND OUT

Our commitments:



Keeping all your technical information confidential



Understand your exact technical requirement



Provide accurate, reliable, and innovative engineering solutions tailored to your needs



Deliver fully automated, thoroughly tested, and performance-validated plants



Ensuring on-time project execution and delivery



Adhering to the highest standards of quality, safety and engineering excellence



Offering comprehensive installation, commissioning, and operator training support.



Delivering prompt after-sales service, technical assistance and maintenance support.

<https://catcel.com/>

WHO WE SERVE



R&D Centers in the field of
Oil & Gas, Chemical, Petrochemical etc.



Defense R&D Laboratories



Government Research Organizations



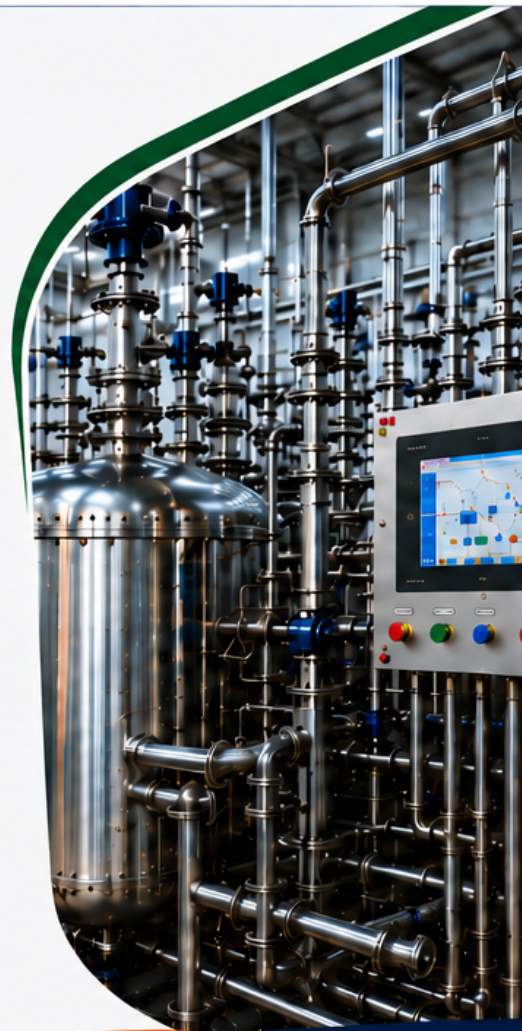
Universities, Educational Institutions
and Academic Research Centers



Technology Start-ups and
Innovation-Driven Enterprises



Chemical, Specialty Chemicals,
Pharmaceuticals Companies



CONTACT US



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