

## Creating Corporate Value

### R&D Structure



## R&D POLICY AND ORGANIZATION

With deep expertise in its core polymer and precision manufacturing technologies, the JSR Group has widened the scope of its technological domains by integrating technologies from disparate fields such as photochemistry, inorganic chemistry, precision processing, and biotechnologies. On this basis, the Group has advanced R&D activities, and its accumulated efforts have enabled it to develop unique strengths relative to chemical companies worldwide, which is our driving force to expand superior materials and technologies globally.

The JSR Group's main R&D centers are located at Yokkaichi City in Mie Prefecture and Tsukuba City in Ibaraki Prefecture. There we carry out R&D activities aimed at tracking swiftly evolving societal needs such as the changes that are emanating from the digital revolution.

Our R&D mission can be broadly divided into three categories: "support research" for business domains we are developing; "next-generation technology research" such as novel and application research for peripheral fields; and "seeds research" such as R&D for cutting-edge materials that will be necessary in the future. In promoting research, we highly value the close linkages in the Group's value chain from market development to process development and manufacturing technology development, extending out to manufacturing, sales, and distribution. In our "support research", we bring together our businesses and R&D in ways that enable our researchers to directly contact customers to delve deeper into customers' needs. Moreover, we are enhancing technical services in a number of countries and constructing a system capable of providing global and timely support for customer's businesses promotion.

For next-generation technology and seed research, it is necessary for R&D to anticipate latent market needs. Particularly in the case of new R&D fields, we promote open innovation such as joint research with universities and research institutions in Japan and overseas. We have established the JSR-Keio University Medical and Chemical Innovation Center (JKiC), a joint research facility on Keio University's Shinanomachi campus, which is to open in October 2017.

We will create innovation through investigating the wholly novel concept of fusing medicine and chemistry, which will lead to establish practical technologies that contribute to global society with people living long and healthy lives.