initKernel

Initiates kernel and chooses kernel implementation by initiated GPR options.

Syntax

```
Mdl = initKernel(Mdl)
```

Description

Mdl = initKernel(Mdl) loads kernel submodule by passed identifier.

Input Argurments

Mdl model struct.

Output Argurments

Mdl with attached kernel functionality.

Requirements

- Other m-files required: None
- Subfunctions: None
- MAT-files required: None

See Also

- initGPR
- kernelQFC
- kernelQFCAPX

Created on February 20. 2021 by Tobias Wulf. Copyright Tobias Wulf 2021.

```matlab
function Mdl = initKernel(Mdl)

    % set covariance function and input function to respect covariance function
    % serve with right format of data, sets mean function which belongs to the
    % corresponding kernel model
    switch Mdl.kernel
        case 'QFC'
            Mdl = initQFC(Mdl);

        case 'QFCAPX'
            Mdl = initQFCAPX(Mdl);

        % end kernel select
        otherwise
            error('Unknown kernel function %.', Mdl.kernel);
    end
end
```