

NITK, Bosch launch hybrid MTech course on EVs

Kevin.Mendonsa
@timesgroup.com

Mangaluru: In an attempt to embrace the new generation of educational patterns, NITK Surathkal, in partnership with Bosch Global Software Technologies Private Limited, Bengaluru, has launched a unique hybrid mode MTech programme, 'Power electronics and control for electric vehicle'.

Currently, the two-year hybrid mode course is available only for employees of Bosch. The hybrid course will have online classes, and the examinations will be held offline, at the NITK Surathkal campus.

Dattatraya Narayan Gaonkar, HoD, department of electrical and electronics engineering, NITK, said that it is an industry-sponsored two-year regular MTech course, and currently only Bosch employees are allowed to take it. "We may allow others to take the course in the coming years. NITK, Surathkal, has signed the agreement with Bosch Global Software Technologies Private Limited, Bengaluru, for the start of the programme on September 16. The first batch will have 27 Bosch employees, and it will commence in October. The total intake is 40," he said.

Explaining why the course was introduced, Gaonkar said that the future of the automobile industry will be all about EVs. There is a need for such a course, in order to prepare for the next boom in the automobi-

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le sector. The course, designed in consultation with Bosch, will have strong theoretical courses and labs, covering important topics in power electronics and control for electric vehicle.

This is the second PG programme offered by the department, which is one of the largest departments at NITK Surathkal, said Gaonkar.

"Interestingly, this programme is the first-of-its-kind in the institution, based on the institute framework on customised PG programmes," he said.

Since the course is exclusively for working professionals, the classes are held between 5pm to 9pm, from Monday to Friday. All other regulatory requirements are as per the regular fully residential PG programmes of NITK Surathkal.

The institution is offering an MTech in construction technology and management. It is sponsored by Larsen and Toubro (L&T), and started a few years ago. Gaonkar said that the difference between the Bosch and L&T sponsored courses, is that MTech in CTM is an offline course.