

**APJ Abdul Kalam Technological University  
Thiruvananthapuram**

**Abstract**

APJAKTU - Academic - Modifications of courses in B.Tech Curriculum ( 2019 Scheme) - approved - Orders issued.

*ACADEMIC SECTION*

U.O.No. 1649/2021/KTU

Thiruvananthapuram, Dated: 18.10.2021

*Read:-*Minutes of the 12th meeting of the Academic Council held on 17/08/2021, item no. 12.3.08

**ORDER**

Vide reference cited above, the various modifications in the curriculum of B.Tech 2019 scheme, as suggested by the Board of Studies of Bio medical Engineering, Electronics & Communications Engineering, Mechanical Engineering, Civil Engineering, Computer Science and Engineering, and Aeronautical Engineering, was placed before the Academic Council meeting for discussion and decision-making.

The Academic Council resolved to approve the recommendations of the respective Board of Studies on the matter as noted below;

| <b>Programme</b>                                   | <b>semester</b> | <b>Existing title</b>                       | <b>Tilte modified as</b>                             | <b>Remarks</b>             |
|--|-----------------|---|--|----------------------------|
| <b>Biomedical Engineering</b>                      | <b>S5</b>       | <b>BMT393 -</b><br>Bio Signal Processing    | BMT393- Digital Signal Processors                    | recommended by BoS in EEE. |
| <b>Biomedical Engineering</b>                      | <b>S6</b>       | <b>BMT394-</b><br>Digital Signal Processors | <b>BMT394-</b><br>Speech and Audio Signal Processing | -do-                       |
| <b>Electronics &amp; Communication Engineering</b> | <b>S7</b>       | <b>ECT401-</b><br>Wireless Communication    | <b>ECT401-</b><br>Microwaves and Antennas.           | recommended by BoS in ECE. |
| <b>Electronics &amp; Communication Engineering</b> | <b>S8</b>       | <b>ECT402 -</b><br>Instrumentation          | <b>ECT402 -</b><br>Wireless Communication            | -do-                       |
| <b>Electronics &amp; Communication Engineering</b> | <b>S7</b>       | <b>ECT443-</b><br>Antenna and Wave          | <b>ECT443-</b><br>Instrumentation.                   | -do-                       |



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|  |           | Propagation.  |   |  |
| <b>Electronics &amp; Communication Engineering</b> | <b>S6</b> | <b>ECT394-</b><br>Electronic Design and Automation Tools.   | <b>ECT394-</b><br>Electronic Design Automation.     | -do-                                     |
| <b>Mechanical Engineering</b>                      | <b>S6</b> | <b>MET322-</b><br>Data Analytics for Engineers.             | <b>MET322-</b><br>Computational Fluid Dynamics.     | recommended by BoS in ME.                |
| <b>Mechanical Engineering</b>                      | <b>S8</b> | <b>MET444 -</b><br>Computational Fluid Dynamics.            | <b>MET444-</b><br>Data Analytics for Engineers.     | -do-                                     |
| <b>Mechanical Engineering</b>                      | <b>S6</b> | <b>MET304-</b><br>Dynamics of Machinery and Machine Design. | <b>MET304-</b><br>Dynamics and Design of Machinery. | -do-                                     |
| <b>Mechanical Engineering</b>                      | <b>S5</b> | <b>MET383-</b><br>Thermal Engineering.                      | <b>MET383-</b><br>Thermal Science and Engineering.  | -do-                                     |
| <b>Civil Engineering</b>                           | <b>S6</b> | <b>CET382-</b><br>Estimation & Costing.                     | <b>CET382-</b><br>Estimation, Costing & Valuation.  | recommended by BoS in Civil Engineering. |
| <b>Computer Science and Engineering</b>            | <b>S6</b> | <b>CST352-</b><br>Introduction to IA32 Architecture         | <b>Course to be removed from Curriculum.</b>        | recommended by BoS in CSE.               |
| <b>Computer Science and Engineering</b>            | <b>S7</b> | <b>CST453-</b><br>Advanced topics in IA32 Architecture.     | <b>Course to be removed from Curriculum.</b>        | -do-                                     |
| <b>Computer Science and Engineering</b>            | <b>S8</b> | <b>CST456-</b><br>Unified Extended Firmware Interface.      | <b>Course to be removed from Curriculum.</b>        | -do-                                     |
| <b>Aeronautical</b>                                |           | <b>AOT393-</b><br>Advanced                                  | <b>AOT393-</b><br>High Speed and                    | recommended                              |



|                    |           |                                |  |                       |
|--------------------|-----------|--------------------------------|--|-----------------------|
| <b>Engineering</b> | <b>S5</b> | Advanced Numerical Techniques. | High Speed and High Enthalpy Aerodynamics. | by BoS in Automobile. |
|--------------------|-----------|--------------------------------|--|-----------------------|

Sanction has been accorded by the Vice Chancellor for implementing the resolution of the Academic Council regarding the modifications of the above courses in the B.Tech Curriculum of 2019 Scheme. The Curriculum has been modified to the above extent in the website of the university also.

Orders are issued accordingly.

*Sd/-*

Dr. Sadiq A. \*  
Dean (Academic)

Copy to:-

1. Principals of all affiliated institutions.
2. Controller of Examinations.
3. AD(IT), to publish in the website.
4. PS to VC/PVC, Dean(Acad)/JR(Acad)/JD(Acad)/SO2(Acad).
5. SF/FC.

Forwarded / By Order

Section Officer

\* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

