

## ATTENTION 6<sup>TH</sup> SEMESTER STUDENTS: ENERGY ENGINEERING

Dear students,

I am your course coordinator for Energy Engineering (ChBC- 64) I will be attaching the resource books and the respective chapters as per the syllabus requirement. I will also be attaching the resource material for various topics. Moreover I have also attached the link to video lectures which will come resourceful for this course. If you have any query regarding the course material, please feel free to contact me on [iqra2106@gmail.com](mailto:iqra2106@gmail.com).

Resource books:

1. Griswold, J. , “Fuels, Combustion and Furnaces”
2. Energy balance problems from book: Problems on Material and Energy Balance Calculation by K. Balu , N. Satyamurthi , S. Ramalingam & B. Deebika

Nptel links:

Nuclear energy generation: <https://nptel.ac.in/courses/108/105/108105058/>

Nuclear fusion power: <https://nptel.ac.in/courses/108/105/108105058/>

Solar energy: <https://nptel.ac.in/courses/108/105/108105058/>

<https://nptel.ac.in/courses/112/105/112105050/>

Wind Energy:

[https://nptel.ac.in/content/storage2/courses/108108078/pdf/chap6/student\\_slides06.pdf](https://nptel.ac.in/content/storage2/courses/108108078/pdf/chap6/student_slides06.pdf)

[https://nptel.ac.in/content/storage2/courses/108108078/pdf/chap6/teach\\_slides06.pdf](https://nptel.ac.in/content/storage2/courses/108108078/pdf/chap6/teach_slides06.pdf)

Biomass energy:

[https://nptel.ac.in/content/storage2/courses/108108078/pdf/chap7/student\\_slides07.pdf](https://nptel.ac.in/content/storage2/courses/108108078/pdf/chap7/student_slides07.pdf)

Energy management systems: <https://nptel.ac.in/courses/108/106/108106022/>