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| **Name-Surname of the student or student group** | **Chosen homework topic** |
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**Homework topics**

1. Synthesis of Nanoparticles
2. Carbon nanotubes
3. Graphene
4. Characterisation of Nanoparticles
5. Magnetic Nanoparticles
6. Polymer Matrix Nanocomposites
7. Metal Matrix Nanocomposites
8. Ceramic Matrix Nanocomposites
9. Bionano composites
10. Optical Properties of Nanostructured Materials
11. Electrical Properties of Nanostructured Materials
12. Self-assembled Nanostructured Systems
13. Organic/Inorganic Hybrid Nano materials
14. Nanomedicine
15. Nanoparticles for Drug delivery System
16. Processing of Nanocomposites/Micro moulding
17. Applications of Nanostructured Materials and Nanocomposites
18. Nano-biosensors, Nano Bioengineering, Nano mechanical devices
19. Nanostructured complexes, Nano-belts, Nano- pyramids, Nano-engines
20. Modeling and Simulation of Nano-structured Materials**.**

***Prepare an article or report in the form of a review, which will not exceed 10 pages, on the subject you are interested in, with a maximum of 4 people. Also, prepare a 5 minute powerpoint presentation. Prefer presentations to be as visual as possible.***