



Workshop on Mathematical Physics

One week online workshop for first year PG
students

Academy of Physics Teachers (APT) in association with Department of Physics Union Christian College Aluva is organizing one week workshop for first semester post graduate students on Mathematical Physics. The workshop envisions to bridge the gap the students face in post graduate classes. Students will be given ample platform to discuss their interests and also to continue the interactions during the course of their PG. The workshop is expected to be helpful in preparing for exams like NET,GATE etc.

The student intake for the workshop is from three regions viz Kerala University region , M.G university region and Calicut & Kannur University(together) region. Maximum intake of students is 30 from each university region. Selection will be made based on the BSc marks. Additional weightage will be given for national/state wide exam scores.

Date of workshop : 22nd-27th February 2021
Time : 11.30am - 12.30pm
: 3.00pm - 4.00pm
Platform : Google meet

The topics covered will be mostly from MSc Syllabus. Problem sheets and theory classes (recorded) will be given during the workshop.

Topics to be covered

- ✓ Transformation of vectors and tensors
- ✓ Vector Calculus using index notation
- ✓ Linear vector space
- ✓ Functions of matrices
- ✓ Differential Equations
- ✓ Complex analysis

Chief Resource persons

Dr Pramod Dominic

Dr Madhu K

Dept of Physics, Union Christian College, Aluva

How to apply

Students are requested to fill the google form given below. Scanned copy of final year marklist and if applicable score cards of JAM/JEST/APT-TSE/NGP-IAPT exams is needed to be uploaded. There will be no registration fees. Detailed schedule will be sent to selected candidates by 15/02/2021.

<https://forms.gle/G96FxEChYAo4Tp27>

For more details contact the respective coordinators.

Coordinator Kerala university region

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