

NATIONAL GRADUATE PHYSICS EXAMINATION (NGPE-2016)

Conducted by



INDIAN ASSOCIATION OF PHYSICS TEACHERS

Registered Office : L117/302 Naveen Nagar, Kanpur - 208 025 (U.P.), (Regd. No. K 1448)

Web-site : www.iapt.org.in : www.indapt.org.in

Day, Date & Time of Examination

SUNDAY, January 24, 2016

TIME : 10.00 AM to 1.00 PM

Last Date for Enrolment : November 21, 2015

**Eligibility for Appearing in NGPE-2016 : Students of BSc I, II and III (Pass, Hons. or Integrated) are eligible.
(Any one who has already passed B.Sc. is NOT eligible)**

NGPE - 2016 Student Handout

What is IAPT?

Indian Association of Physics Teachers (IAPT) is an organization of Physics Teachers spread through out the country. It was started by Late Prof. D.P. Khandelwal in 1984 and today it has about 7000 life members. All the work of this (our) organization is voluntary in character. NOBODY is paid any Honorarium or Remuneration for ANY WORK of IAPT.

All work of IAPT and therefore of this examination (NGPE) is VOLUNTARY for all its members.

What is NGPE?

National Graduate Physics Examination (NGPE) is a voluntary Examination conducted by Indian Association of Physics teachers every year in the month of January throughout India from Kashmir to Kanya Kumari and Kachchh to Kohima at about 250 centers for Graduate students studying Physics since 1989. A few of its salient features are listed below:

- Fully voluntary examination in a stress free environment.
- It provides individual's own assessment at all India level.
- Carry away the question paper both part A, part B and Part C.
- Same paper for all BSc I, II and III Year Students with separate national merit.
- Solutions in printed form are provided to Centre In-Charge for each participant.
- The only national level examination testing students in both theory & experiment.
- Last Year (2015) Question Paper & its Solution for every centre registered for NGPE-2016 is provided.
- Certificate and Awards for Toppers.

Eligibility for NGPE - 2016

Any students studying at BSc I, II and III (Pass, Honours or Integrated) is eligible for the NGPE-2016. To note, any one who has already passed BSc is not eligible, however the students, who have enrolled for integrated MSc (Physics) programme of five years or BS programme of four years can appear in this examination when in any of first three years.

How do I enroll myself for NGPE - 2016?

Any students who desires to enrol him/her for NGPE-2016 should contact his/her Head of Physics Department or any other Senior faculty member in his/her college. The Centre Incharge at the college can enrol its students and even the students from other neighbouring institutions. At least ten students must enrol to have a centre. In case, this College/Institute is not a registered centre, He/She may contact Dr. B P Tyagi, Co-ordinator NGPE (0135-2787020, 09837123716, email: bptyagi@rediffmail.com) to get the college registered.

What are Registration charges for NGPE - 2016?

The Registration Charges for NGPE - 2016 is : ₹ 100/- (Rupees One Hundred only) per student;

US \$ 20/= for overseas candidates.

To be paid through Centre In-charge of your college.

Language for NGPE

The question paper of NGPE is available in any of the following languages :

ENGLISH, HINDI, GUJRATI, TAMIL and TELUGU or any other language provided that one hundred students opt. for it.

Format of the question paper of NGPE - 2016

Question paper contains three parts viz. Part A, Part B – I and Part B – II.

Part A contains 25 Multiple Choice Questions (each question for 6 marks; total 150 marks) covering the entire syllabus of BSc I, II and III. Any number of options (1, 2, 3 or all the 4) may be correct. Credit is given only if all the correct options are marked.

Part B-I contains short answered questions explanation and reasoning, ten in number (B₁ to B₁₀) each for 5 marks (answer five to six lines only) total 50 marks.

Part B-II contains Numerical Problems and open ended experimental problems, ten in number (P₁ to P₁₀) each for 10 marks, total 100 marks.

Schedule of NGPE - 2016

Last date for enrolment is November 21, 2015.

Day, Date and Time of Examination : SUNDAY, January 24, 2016, Time: 10 AM to 1 PM

Result : 20th March 2016 on www.indapt.org.in

Certificates and awards in NGPE - 2016

Top 10% at Each Centre	:	Centre Topper Certificate
Top 1% at the State Level	:	State Topper Merit Certificate
Top 1% at National Level	:	National Topper Merit Certificate + Book Prize
Top 5 Students in India	:	Merit Certificate + GOLD MEDAL + ₹ 10,000/- Cash Award

- Top 25 will be eligible for appearing in NGPE Part-C Examination – 2015 (an examination in experimental skill) for final selection for GOLD MEDAL and Scholarship (Max. 5 in Number) worth ₹ 10,000/- for pursuing higher studies in Physics. TA is paid and free lodging is arranged for all students called for part C.
- Top 25 will have eligibility for an interview for Admission in Post-B.Sc. Integrated Ph.D. Programme in Physical Sciences 2016 of S N BOSE NATIONAL CENTRE FOR BASIC SCIENCES KOLKATA.
(Only BSc III year students with more than 60% Marks among top 25).
For more details see website; <http://bose.res.in/admission.htm> or write email to admission@bose.res.in
- May get opportunity to attend one week EXPERIMENTAL PHYSICS WORKSHOP organized by IAPT AT KOLKATA (Regional Council - 15). TA is paid.
- Top 5 to 10 students of B.Sc. First year (of University 3 Yr System) shall be eligible to participate in prestigious NATIONAL INITIATIVE FOR UNDERGRADUTE SCIENCE [NIUS] programme of Homi Bhabha Center for Science Education, TIFR, Mumbai. [This is A Govt. of India, DAE Programme, Summer Camps are organized at Mumbai].
- Top 20 students of B.Sc. I yr appearing in NGPE - 2016 shall get an opportunity for two weeks Academic Workshop on Basic Physics at IIT Kanpur (Preferably those from University 3-yr B.Sc. System)
- Some more programmes for toppers may be declared later.

Previous 10 Years question Papers with solution may be obtained by sending demand draft of ₹ 150/- (Rupees One hundred fifty only) per set, in favour of "Indian Association of Physics Teachers" payable at Dehradun to Dr. B.P. Tyagi (Address below) [One may ask for Multiple copies in one application with single draft.

FOR FURTHER INFORMATION : CONTACT

Dr B P Tyagi

Co-ordinator NGPE

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Prof M L Ogalapurkar

Chief Co-ordinator Exams

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Local Contact

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