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For class V to XII

**Examination Date: 6<sup>th</sup>, 13<sup>th</sup> & 20<sup>th</sup> November, 2016**

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\*Actual Scholarship may differ with the figure quoted above.





## Message from Director

**.....Hard Work** should be a Habit.....

Dear Students,

You may have different ambitions, Academic or Career goals and various likes or dislikes. You can think of pursuing a career in various field (not specifically Engineering or Medical). I believe that one must requires few mantras to succeed and they are Hard Work, Discipline and Focused approach.

At Aviral Classes we work on all these three aspects. Though our primary goal is to achieve Academic Excellence but we try to enhance a student's personality by making them more disciplined, hard working and goal oriented people.

Personally I believe that the hard work should be our habit, we should not do the hard work to achieve our target only rather we should maintain it throughout our life. Believe me hard work pays. The person who is hardworking

always achieves whatever he/she wishes to later or sooner.

At Aviral Classes we are working hard to make the complicated and tricky concepts easier. Our full time and stable faculties are trying hard to bring the best out of our students. Our admin staff is always ready to help the students.

We have given online ERP access to the parents so that they can monitor their ward's progress and attendance. We have also tied up with a few top education animation & companies who will provide us with animated lectures to clear tough concepts of all chapters in Physics, Chemistry, Mathematics and Biology.

I invite all students to join "Aviral Classes" who believe in themselves and are ready to give their 100%.

**D.K. MISHRA** (DIRECTOR)

**THE JOURNEY IS TOWARDS.....  
ACHIEVING ACADEMIC EXCELLENCE !**



# [INTRODUCTION]



**Aviral Classes** was started on January 2014 with a vision and mission to create scholars under its banner by Mr.D.K. Mishra who worked with few a national level coaching institutes as a faculty Physics, Academics Head and Deputy Director. He has a proven track record of 13 years of producing top rankers in IIT-JEE, BITS-AT, AIPMT, AIIMS and state entrance exam. He came to Dehradun in 2006. It was a time when most of the Dehradun students were not getting proper coaching for higher studies. He visited various schools, met with principals, parents and students and convinced them to join his classes (at that time he was an Academic Head of an other institute).

Gradually he became a popular face amongst students. In the very first year i.e. in 2007 one of his student Pooja Semwal scored 2nd rank in UPMT and 768th rank in AIPMT, but he created history in 2010 when 20 of his students got seats in IIT, including AIR 73, 428, 619 and so on. He got several awards for Academic leadership, Academic Excellence, Guru by his company and from various parts of the society. After starting Aviral Classes he along with his most experienced team (which includes few big names of the country) started working with students. By God's grace, Aviral's name became synonymous of success within a year. Aviral Classes became the first choice of the students not only in Dehradun but also the entire state of Uttarakhand, West and Central UP, Himachal Pradesh & other parts of the country.

Aviral Classes has created history in Dehradun by producing 60 JEE-Mains selections out of 110 enrolled students in the very first year including state topper in JEE-Main & JEE Advanced. Aviral's student topped Uttarakhand by securing 767th rank in All India General Category. Total 13 students qualified for IIT, similarly in PMT Aviral's student topped with rank 98th AIR in AIPMT-2015 (in Gen. category) and 19th AIR in AIPMT-2015 (in OBC category) including 20 more selections within AIR 8000. It is a record in Dehradun's history. No other institute of Dehradun has ever produced this these ranks in last 10 years.

In year 2016, Aviral broke its previous record by products 220 selections for JEE-Advanced out of 250 appeared. Almost 9 out of 10 students qualified for JEE-Advanced. The national selection rate is approximately 18%. While at Aviral Selection rate is 88%. In JEE-Advanced total 73 students qualified out of which 12 students are under the rank of 5000 AIR. Our top performers got seat in IIT-Bombay (2 students), IIT-Kanpur (2 students), IIT-Kharagpur - (1student), IIT-ISM-Dhanbad (1-Student) and 2-3 are in new IITs about 13 students got admission in different NITs, And one student got admission in BITS-Pilani for BS MS dual degree.

As far as PMT is concern, due to NEET-2 exam. The result is not yet declared till the time pf preparation of the prospectus (as on 15th July, 2016

Dear Students  
**Join Aviral for your bright future**  
Because If Hard work is the only Key of success, then most people would pick the lock.





# AVIRAL IN MEDIA (ENGINEERING)

लगातार दूसरे साल अविरल ने रचा इतिहास



## अविरल क्लासेज से 200 से भी ज्यादा सफल

जेईई में सफल छात्रों का परिवार घेरते हुए के बच्चे

## अविरल क्लासेज से 200 ने बनाई एडवांस में जगह

अविरल क्लासेज के छात्रों ने जेईई में 200 से भी ज्यादा सफलता हासिल की है। यह सफलता छात्रों के मेहनती परिश्रम और अविरल क्लासेज के सपोर्टिव एंवायरनमेंट का फल है। छात्रों ने एडवांस में जगह बनाई है, जो उन्हें आगे बढ़ने में मदद करेगी।

## शुभांकर राज्य में तीसरे स्थान पर

जेईई में सफल छात्रों का परिवार घेरते हुए के बच्चे

## अविरल के शुभांकर ने प्रदेश में कमाया नाम

शुभांकर राज्य में तीसरे स्थान पर रहे हैं। यह सफलता उनके मेहनती परिश्रम और अविरल क्लासेज के सपोर्टिव एंवायरनमेंट का फल है।

## अविरल के 70 छात्र सफल

संस्थान के छात्र शुभांकर ने प्रदेश में हासिल किया तीसरा स्थान

अविरल क्लासेज के छात्रों ने जेईई में 70 सफलता हासिल की है। यह सफलता छात्रों के मेहनती परिश्रम और अविरल क्लासेज के सपोर्टिव एंवायरनमेंट का फल है।

## आस्था ने पाई डबल कामयाबी

देहरादून (ब्यूरो)। अविरल क्लासेज की छात्रा आस्था ने जेईई में 232 अंकों के साथ पहला स्थान हासिल किया है।

आस्था ने एडवांस में जगह बनाई है, जो उन्हें आगे बढ़ने में मदद करेगी।

अविरल क्लासेज के छात्रों ने जेईई में 70 सफलता हासिल की है। यह सफलता छात्रों के मेहनती परिश्रम और अविरल क्लासेज के सपोर्टिव एंवायरनमेंट का फल है।

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# 2015-16

## अविरल के निशांत ने मारी एडवांस में बाजी

हजारों को जारी किया आइआईटी बांबे ने जेईई एडवांस का विस्तृत परिणाम

निशांत ने एडवांस में जगह बनाई है, जो उन्हें आगे बढ़ने में मदद करेगी।

## अविरल क्लासेज की दमदार एंटी स्टेट टॉपर देकर अविरल क्लासेज ने रचा इतिहास

कोचिंग संस्थान के 110 में से 60 छात्रों को मिली एडवांस में प्रवेश

अविरल क्लासेज के छात्रों ने जेईई में 70 सफलता हासिल की है। यह सफलता छात्रों के मेहनती परिश्रम और अविरल क्लासेज के सपोर्टिव एंवायरनमेंट का फल है।

## जेईई में प्रॉजल बिष्ट नंबर वन

हजारों को जारी किया आइआईटी बांबे ने जेईई एडवांस का विस्तृत परिणाम

प्रॉजल बिष्ट ने एडवांस में जगह बनाई है, जो उन्हें आगे बढ़ने में मदद करेगी।

## जेईई में अविरल क्लासेज की रही धूम

देहरादून (ब्यूरो)। जेईई में अविरल क्लासेज की रही धूम

अविरल क्लासेज के छात्रों ने जेईई में 70 सफलता हासिल की है। यह सफलता छात्रों के मेहनती परिश्रम और अविरल क्लासेज के सपोर्टिव एंवायरनमेंट का फल है।

## किफायती गाड़ियां डिजाइन करना चाहते हैं प्रांजल

हजारों को जारी किया आइआईटी बांबे ने जेईई एडवांस का विस्तृत परिणाम

प्रांजल ने एडवांस में जगह बनाई है, जो उन्हें आगे बढ़ने में मदद करेगी।

## अनोखी कार बनाने की चाहत

जेईई में आल इंडिया 234वीं रैंक पाने वाले पारस बोले

अनोखी कार बनाने की चाहत

## अनोखी कार बनाने की चाहत

जेईई में आल इंडिया 234वीं रैंक पाने वाले पारस बोले

अनोखी कार बनाने की चाहत

## इंजीनियरिंग की आखिरी अग्नि परीक्षा में 'अविरल' सोने की तरह निखरा

संस्थान के निशांत शर्मा ने उत्तराखण्ड में टॉप किया

इंजीनियरिंग की आखिरी अग्नि परीक्षा में 'अविरल' सोने की तरह निखरा

अनोखी कार बनाने की चाहत

इंजीनियरिंग की आखिरी अग्नि परीक्षा में 'अविरल' सोने की तरह निखरा



## AVIRAL IN MEDIA (MEDICAL)

# क्षितिज ने पूरा किया माता-पिता का सपना

देहरादून | वरिष्ठ संवाददाता

होनहार

क्षितिज आर्य ने एआईपीएमटी में देश में 98 वीं रैंक हासिल कर अपनी प्रतीति के झंडे गाड़ दिए। हालांकि इसी साठ दो अन्य मेडिकल प्रवेश परीक्षाओं में सफल हो चुके हैं लेकिन इस स्कॉलरशिप के लिए उन्हें देश के टॉप कॉलेज एडमिशन मिल सकता है। क्षितिज बताया कि उन्हें डॉक्टर बनने का सपना पिता के पास से ही शुरू हुआ था।

क्षितिज के पिता मुकेश कुमार के मुताबिक वह बचपन से ही मेडिकल छात्र रहा और हमेशा क्लास में अग्रणी रहा। बताया कि उन्होंने खुद ही यह तय किया था कि वे डॉक्टर

• एआईपीएमटी में देशभर में हासिल की गई रैंक, देश के टॉप कॉलेज में एडमिशन मिल सकता है।

## अविरल के 13 छात्र शीर्ष 5000 में अविरल क्लासेस के होनहार



जस

त रूप से तैयारी से बड़ा नुकसान था साथ में टॉप टेस्ट समय प्रबंधन सुधारने का काम था।

कमिस्ट्री के अलावा भी ध्यान देना जरूरी

आशा ललित

# यूपीएमटी में अविरल क्लासेस का जलवा का शानदार प्रदर्शन

जागरण संवाददाता, देहरादून: उत्तराखंड प्री मेडिकल टेस्ट (यूपीएमटी) परीक्षा परिणाम में भी अविरल क्लासेस के छात्र-छात्राओं ने शानदार प्रदर्शन किया। संस्थान का दावा है कि संस्थान के कुल 120 छात्र परीक्षा में शामिल हुए थे और इनमें से 90 ने यूपीएमटी में सफलता प्राप्त की। परिणाम आने के बाद संस्थान में जश्न का माहौल रहा।

अविरल क्लासेस के प्रबंध निदेशक डीके मिश्रा ने बताया कि

- ♦ संस्थान का दावा कुल 120 छात्रों में से 90 का यूपीएमटी में चयन
- ♦ दो छात्र कैटेगरी रैंक में टॉप-10 में और 15 छात्र टॉप-100 में

अभिषेक थापा, अजीत सिंह, आकाश रावत, अमित सिंह, अनिका रावत, दिशा धारीवाल, कनिष्ठा एम...

जनवरी से विशेष मॉक टेस्ट कराए। उन्होंने जानकारी दी कि वर्ष 2016 के अभ्यर्थियों के लिए संस्थान ने अपना नया बैच मेडिकल प्लस नाम से प्रारंभ किया है। इस बैच में 12वीं कक्षा के छात्र और 12वीं कक्षा उत्तीर्ण कर चुके वे छात्र, जो अपनी रैंक में सुधार के लिए दोबारा तैयारी कर रहे हैं, प्रवेश ले सकते हैं। मेडिकल प्लस का प्रारंभ...

# अविरल क्लासेस के 20 छात्र 8000वीं रैंक में

- ♦ संस्थान के क्षितिज ने एआईपीएमटी में प्राप्त की 98वीं रैंक
- ♦ संस्थान के 13 छात्रों ने बनाई 5000 से कम रैंक में जगह

जागरण संवाददाता, देहरादून: इंजीनियरिंग के बाद मेडिकल में भी अविरल क्लासेस ने अच्छा प्रदर्शन किया। संस्थान के छात्र क्षितिज ने ऑल इंडिया प्री-मेडिकल टेस्ट में 720 में से 635 अंकों के साथ सर्वोच्च प्रदर्शन किया। संस्थान का दावा है कि राज्य में क्षितिज सबसे अग्रे हैं। संस्थान के कुल 13 छात्रों ने पांच हजार से कम रैंक प्राप्त करने में सफलता प्राप्त की। संस्थान के 20 छात्र 8000वीं रैंक के दायरे में हैं।

अविरल क्लासेस के प्रबंध निदेशक डीके मिश्रा ने कहा कि देश के अच्छे संस्थानों में 10 हजार रैंक तक के छात्रों को प्रवेश मिल जाएगा। मिश्रा ने कहा कि उनका सपना था कि राज्य से अच्छे चिकित्सक निकलें। इसके लिए अखिल भारतीय स्तर पर अच्छा प्रदर्शन जरूरी है। संस्थान ने पहले वर्ष में ही इसकी नींव रख दी है। उन्होंने बताया कि बीते वर्ष संस्थान की छात्रा शिवानी जगुड़ी ने 98वीं रैंक में देश में



श्रीनगर मेडिकल कॉलेज में शिक्षा ग्रहण कर रही है। इसी कारण इस वर्ष एक राष्ट्रीय स्तर का प्रतियोगिता कार्यक्रम आयोजित किया गया था। उत्तराखंड प्री मेडिकल टेस्ट में क्षितिज ने 720 में से 635 अंकों के साथ सर्वोच्च प्रदर्शन किया। संस्थान का दावा है कि राज्य में क्षितिज सबसे अग्रे हैं। संस्थान के कुल 13 छात्रों ने पांच हजार से कम रैंक प्राप्त करने में सफलता प्राप्त की। संस्थान के 20 छात्र 8000वीं रैंक के दायरे में हैं।

उन्होंने बताया कि एआईपीएमटी में संस्थान के क्षितिज ने सामान्य वर्ग अखिल भारतीय स्तर पर 98वीं रैंक और ओबीसी वर्ग में 4830वीं रैंक हासिल की।

इनके अलावा सामान्य वर्ग में अंजलि बरुआ ने 1511, अभिनव अग्रवाल ने 1891, अमित कुमार ने 527वीं रैंक प्राप्त की। एआईपीएमटी में यथार्थ खाती ने 893वीं रैंक प्राप्त की। इनके अतिरिक्त संदीप यादव ने ओबीसी में 4830वीं रैंक, कनिष्ठा ने ओबीसी में 4830वीं रैंक हासिल की।

# यूपी सीपीएमटी में भी छाए अविरल के छात्र

- ♦ परीक्षा में शामिल 10 में से चार बच्चों ने हासिल की सफलता

जागरण संवाददाता, देहरादून: उत्तराखंड प्री मेडिकल टेस्ट (यूपीएमटी) के बाद अविरल क्लासेस के छात्रों ने उत्तर प्रदेश के कंबाईड प्री मेडिकल टेस्ट (सीपीएमटी) में भी शानदार प्रदर्शन किया। परीक्षा में शामिल 10 बच्चों में से चार ने परीक्षा में सफलता प्राप्त की।

संस्थान के प्रबंध निदेशक डीके मिश्रा ने जानकारी दी कि सीपीएमटी में संस्थान के छह छात्र-छात्राओं ने सफलता प्राप्त की। नमो पुनीत कुमार, ज्योत्सना पुरी, यथार्थ गिर सिद्धांत शामिल हैं। उन्होंने बताया कि डिकल के लिए संस्थान विशेष प्रयास करता है। इसमें एआईपीएमटी समेत तमाम परीक्षाएं टेस्ट कराए जाते हैं ताकि छात्रों को अलग-अलग स होने कहा कि इसी का नतीजा है।



ज्योत्सना

यथार्थ खाती



# अविरल क्लासेस का शानदार प्रदर्शन

देहरादून। यूपीएमटी में भी अविरल क्लासेस के छात्र-छात्राओं ने परचम लहराया। संस्थान में उत्साहित अभ्यर्थी और अभिभावक देर सायं तक जुटे रहे। अविरल क्लासेस के निदेशक डीके मिश्रा ने बताया कि यूपीएमटी की ही तरह अब संस्थान को एआईपीएमटी में और भी सफलता मिलेगी।

# अविरल के दो विद्यार्थी कैटेगरी के टॉप 10 में

120 छात्रों में से 90 को सफलता अंतर उजाला ध्युरी

देहरादून। मेडिकल व इंजीनियरिंग कोचिंग संस्थान अविरल क्लासेस के होनहारों ने एक बार फिर अपना लोहा मनवाया है। संस्थान का दावा है कि उनके दो छात्रों ने कैटेगरी रैंक में शीर्ष 10 में जगह बनाई है। इसके अलावा कुल 120 में से 90 छात्रों ने यूपीएमटी परीक्षा पास की है। अविरल के निदेशक डीके मिश्रा ने बताया कि उनके छात्रों ने चमकदार प्रदर्शन कर नया इतिहास रचा है। छात्र अभिषेक कोपा ने परीक्षा में एसटी श्रेणी में आठवीं और मानसी धीमान ने ओबीसी कैटेगरी में 12वीं रैंक हासिल की है। इसके अलावा संस्थान के छात्र अजीत सिंह, दिशा, अमित सिंह, अभिषेक कुमार, प्राची, सुष्मिता, जायद, प्रतिभा, अंकिता ने भी परीक्षा में कामयाबी हासिल की। उन्होंने बताया कि 2016 के लिए संस्थान में मेडिकल का बैच शुरू होने जा रहा है। एक बैच सात जून से और दूसरा बैच छह



अभिषेक कोपा



मानसी धीमान



# AWARD & RECOGNITION



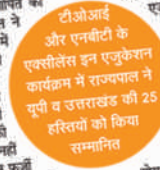
## शिक्षा की गुणवत्ता बरकरार रखें यूनिवर्सिटीज : नाईक



25 सम्मानित हरितियों के साथ राज्यपाल राम नाईक।

### एनबीटी, लखनऊ

गवर्नर राम नाईक ने कहा कि उत्तर प्रदेश में शिक्षा की गुणवत्ता को बढ़ावा देने के लिए हमें हरितियों को प्रोत्साहित करना चाहिए। उन्होंने कहा कि हरितियाँ न केवल पर्यावरण को संरक्षित करती हैं, बल्कि वे शिक्षा के क्षेत्र में भी एक अच्छा विकल्प हैं। उन्होंने कहा कि हरितियाँ न केवल पर्यावरण को संरक्षित करती हैं, बल्कि वे शिक्षा के क्षेत्र में भी एक अच्छा विकल्प हैं।



## Certificate of Excellence

Certificate awarded to

**Aviral Classes**

represented by **Mr. DK Mishra**

for their contribution in the field of education by

**Shri Ram Naik**

Hon'ble Governor of Uttar Pradesh

on 27<sup>th</sup> June, 2015 at Lucknow

**Certificate of Excellence in Education awarded to**  
**AVIRAL CLASSES** represented by **Mr. D.K. Mishra (Director)**  
 for their contribution in the field of education by **Shri Ram Naik**  
 Hon'ble Governor of Uttar Pradesh on 27th June, 2015 at Lucknow.



# Mega Launch AVIRAL Distance Learning Program



27 July 2014 (Sunday)



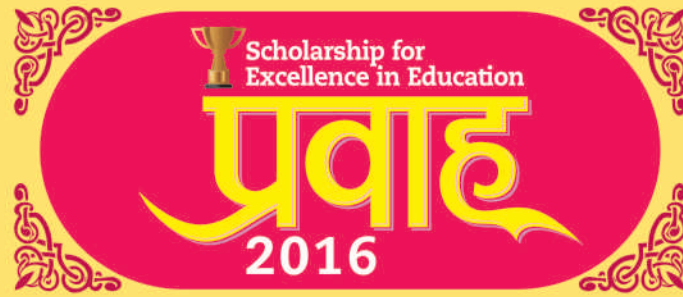
“ The success of our classroom program motivated us to launch a “Distance Learning Program” for distant students who could not attend our regular classroom programs on July 27th 2014 at Raj Bhawan, Dehradun. Hon’ble Governor Mr. Aziz Kureshi, Chief Minister Mr. Harish Rawat and Education Minister Uttarakhand Mr. Mantri Prasad Naithani marked their graceful presence and motivated the students to excel in academics and other activities. ”







# 2016



Meritorious students of Aviral Classes Uttarakhand's leading coaching institute of JEE (Main & Advanced) and NEET have been awarded scholarship by **Mr. Shyam Benegal** (legendary film director of the Indian cinema), **Mr. A.B. Lal** (Former D.G.P., Uttarakhand), **Mrs. Uma Pandey** (Head Middle Wing-Delhi Public School, Haridwar) and **Mr. D.K. Mishra** (Director-Aviral Classes) held on 29th June, 2016

# 2015



Aviral Classes believes in Rewarding its Top Performers.

**Mr. D.K. Mishra (Director-Aviral Classes)** awarding

**Nishant Kr. Sharma**

(JEE Advanced-AIR 767 (Gen.) by providing the cheque of Rs. 1 Lac)



**Mr. D.K. Mishra (Director-Aviral Classes)** awarding

**Paras Gupta and Pranjal Bisht** who brought proud to Aviral Classes in the very first year.



# REPORT CARD-2015

# MEDICAL WING

Out of 120 students who enrolled with us 66 in our regular DROPPER BATCH +4 in XII appearing batch and 46 in Crash Course Batch (which was only for 45 days).

अविरल क्लासेस का शानदार प्रदर्शन

— भी अविरल परचम



Abhishek Khampa



Mansi Dhiman

यूपीएमटी में अविरल क्लासेस का जलवा

अविरल के दो विद्यार्थी कैटेगरी के टॉप 10 में 120 छात्रों में से 90 को सफलता

अविरल क्लासेस का जलवा यूपीएमटी में अविरल क्लासेस का जलवा यूपीएमटी में अविरल क्लासेस का जलवा

अभिषेक, मानसी को मिला पुरस्कार

देहरादून। मेडिकल प्रवेश परीक्षा में अच्छे प्रदर्शन के लिए बुधवार को अभिषेक खापा और मानसी धीमान को सम्मानित किया गया। अविरल क्लासेज के टाउन हाल में आयोजित कार्यक्रम में मुख्य अतिथि सीबीएसई के पूर्व चेयरमैन और यूपी सरकार के सलाहकार अशोक गांगुली ने मेधावियों को बधाई दी। अविरल क्लासेज के निदेशक डीके मिश्रा राशि देकर सम्मानित किए



## 1. UPMT-2015

- 7 Students (in General Category) secured rank under 200.
- 8 Students (in Reserve Category) secured rank under 50.
- 15 Students (in General Category) secured rank between 201 to 320

## 2. UAPMT-2015

- 2<sup>nd</sup> rank and 11<sup>th</sup> rank (in Gen.) in UAPMT-2015
- Total 17 Students rank under 200.

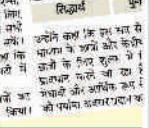
## 3. UP-CPMT-2015

- 3 Students secured rank under 100
- Total 4 selections out of 10 appeared

यूपी सीपीएमटी में भी छाए अविरल के छात्र

परीक्षा में शामिल 10 में से चार छात्रों ने हासिल की सफलता

अविरल क्लासेस का जलवा यूपीएमटी में अविरल क्लासेस का जलवा यूपीएमटी में अविरल क्लासेस का जलवा



## AIPMT-2015

- Kshitij Arya got 98<sup>th</sup> AIR in AIPMT.
- 13 Students Scored under 5000 AIR.
- 20 Students Scored under 8000 AIR.

क्षितिज ने पूरा किया माता-पिता का सपना

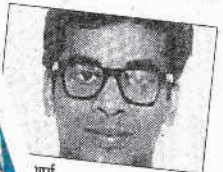
देहरादून। वरिष्ठ संवाददाता

होनहार

एआईपीएमटी में देश की 98वीं रैंक में

क्षितिज आर्य ने एआईपीएमटी में देश भर में 98 वीं रैंक हासिल कर अपनी प्रतिभा के झंडे गाड़ दिए। हालांकि इसी साल वे दो अन्य मेडिकल प्रवेश परीक्षाओं में सफल हो चुके हैं लेकिन जरिए उन्हें देश में एडमिशन मिले। बताया कि उन्हें माता पिता ने क और अब यह सच क्षितिज के पिता के मुताबिक वह बच् होनहार छात्र रहा और क्लास में अच्छा आया बताया कि उन्होंने खुद ही स यह तय किया था कि वे डॉक्टर बनना चाहते हैं।

अविरल के 13 छात्र रैंक 5000 में



के टिप्स

प्रमित रूप से तैयारी ने से बड़ा नुकसान साथ माँक टेस्ट प्रबंधन सुधारने की

अविरल क्लासेस के 20 छात्र 8000वीं रैंक में

संस्थान के क्षितिज ने एआईपीएमटी में प्राप की 98वीं रैंक

संस्थान के 13 छात्रों ने बनाई 5000 से कम रैंक में जगह

परम संवाददाता, देहरादून। इन्फोर्मेशन के मेडिकल में भी अविरल क्लासेस ने ज प्रदर्शन किया। संस्थान के छात्र ज ने ऑल इंडिया प्री-मेडिकल टेस्ट में से 635 अंकों के साथ सर्वोच्च न किया। संस्थान का दावा है कि राज्य विद्यार्थी अपने हैं। संस्थान के



## (XII BOARD-2015)

Out of total 60 Students who appeared for XII board 2015 (from ISC Board)

- 18 students scored 95% and above
- 25 students scored between 90% to 95%
- 10 students scored between 85% to 90%
- 6 Students scored 100/100 in Maths (Class XII)



# Foundation Program

.....towards a Strong Academic  
Foundation for Future

(for Class V, VI, VII, VIII & IX)

## AVIRAL TALENT SEARCH EXAMINATION ATSE (JUNIOR)

### ATSE - JUNIOR

Aviral Classes is known for encouraging the talent and constantly trying to uplift the academic level in its region.

ATSE is a platform where we identify the talent at very initial level and encourage them to do well in future. On the basis of their performance we provide them scholarships (cash scholarship as well as fee scholarship) just as a token of appreciation for their hard work and also to encourage them to work hard in future. Based on their performance in ATSE-Junior we offer following scholarship to them.



### REWARDS AND SCHOLARSHIP

#### Class V, VI, VII, VIII & IX Appearing

Rank	Free Scholarship* (In tuition fee)	Cash Scholarship**	Other Scholarship +
i. 1	50%	₹ 10,000/-	₹ 1,500 + Free Books
ii. 02-10	40%	₹ 5,000	₹ 1000 + Free Books
iii. 11-100	30%	₹ 2,000	₹ 500 + Free Books

**Total Cash Prize ₹ 11,75,000 Total Fee Scholarship ₹ 66,97,800**

#### Rules and Regulations:

- \* Fee Scholarship is applicable on Tuition Fee only. No Scholarship is payable on Registration Fee and Admission Fee. Student has to take admission in our Regular Classroom Program (1Yr./2Yrs.) on or before 15th December, 2016 to avail this Scholarship.
- \*\* Cash Scholarship will be given in the month of May-June, 2017 to all eligible students who will take admission in Regular Program (1Yr./2Yrs.) of "Aviral Classes" and will pay Registration + Admission + Tuition Fee (with all PDC in case of installments plan). The admission procedure must be completed before 15th December, 2016.
- + In case students do not take admission in Regular Classroom Program of Aviral Classes then also he/she may be eligible to get other scholarship in which he/she has to enrol in our Distance Learning Program (DLP) which will be made available to them free of cost but they can not opt out from this DLP Program throughout the coaching tenure. The cash reward associated with this will also be given in the month of May-June, 2017. (Other Scholarship is payable only for those who will not take admission in any of the regular program at Aviral Classes).
- This scholarship can be withdrawn during the program if students do not perform well in our internal examination, assessments, on disciplinary ground, not maintaining proper attendance (less than 85%) or creating bad word of mouth about Aviral Classes.
- \* In case if students are more than 500 in each group of grade VI to IX otherwise 1/5th students will be honored. Similarly point (ii) of scholarship details will also change. The final decision shall be taken by Director-Aviral Classes which will be binding to all.

**Total Scholarship Worth ₹ 78,72,800**



# FOUNDATION PROGRAM :

## .....towards a strong Academic Foundation for Future

for Class V, VI, VII, VIII, IX & X



‘We are living in an era of technology but still most parameters of our education system are traditional.’

## Education:

### The most powerful tool to change the life

Education is not just learning and knowing the facts that are restricted to our school text books, but training the mind to think, explore and imagine beyond the limits.

It is a holistic process and continues through our life. It would not be an exaggeration to say that the existence of human being is fruitless without education.

An educated person is a confident person. Education fosters a positive outlook and allows us to believe in ourselves. Education leads us towards relying on ourselves, making us believe that we are ready to take the world.

The significance of quality education is that it imbibes

moral values, gives freedom of expression, builds confidence, keeps the persons motivated and leads to the ultimate goal. We are living in an era of technology but still most parameters of our education system are traditional. Modern education should be goal oriented. One must have a goal which should be well defined, realistic, balanced and most importantly ‘time bound’. Hence it becomes very important to impart systematic and quality education to the children from an early age.



# FOUNDATION COURSE

At present day schools are lacking so many parameters which are required for overall academic development and future building of the child.



## Foundation Courses: Today's Need

In today's hyper competitive world, the theory of 'survival of the fittest' is working. The ones who are academically fit and excellent are surviving these competitive challenges and getting success, rest are just becoming the part of the crowd.

To survive these challenges, education and career of children must be planned in their pre-adolescence stage. Their raw talents need to be channelised during middle and secondary stage of their school (VI, VII, VIII & IX). As this is the time when their brain can easily and logically grasp the knowledge and guidance given to them.

Hence a quality 'Foundation Course' is required to built their strong foundation and to develop their aptitude and creative thinking.

## Foundation Courses: A Glimpse

A quality education and early guidance need to be imparted from a very early age. At present day schools are lacking so many parameters which are required for overall academic development and future building. In this situation foundation courses are needed. These programs have been scientifically designed to develop the entire set of skills that are required to be at the apex in every walk of life.

These courses develop skills like problems solving aptitude, decision making, out of the box thinking, positive thinking, self confidence etc.

## Why Foundation Courses at 'AVIRAL'

As every child has some specific innate skills, that need to be recognised and channelised at a grass root level. Keeping in view all the factors, Aviral Classes has designed the Foundation Courses which is well equipped with all those techniques & methods required to train a child at early age.

Foundation Courses at Aviral Classes includes a dedicated and scientific classroom teaching, comprehensive study material & notes, regular assignments, before time completion of school syllabus, emphasis revision, special focus on average student, preparation for competitive exams like NTSE, Olympiad etc, Mental Ability & Reasoning Classes along with regular counseling session for students, weekly feedback, regular discussion on performance status of student and a lot more.





# AVIRAL TALENT SEARCH EXAMINATION ATSE (SENIOR)

**For Class X, XI & XII**

Within less than two years of tenure Aviral Classes has changed the mind set of the students and parents of Dehradun and its region. Those who were claiming to be leader and oldest coaching provides have become the follower now. It is all because of the Dynamic Leadership of its Director D.K. Mishra and his most experience Academic and Administrative team. At present a team of total 80 people are working for Aviral Classes (as on August 2016), one should not wonder if we increase our strength upto 100 this year.

In the very first year of 2014 we enrolled more than 800 students which was a milestone for any individual & for a new coaching institute. In second year we have crossed the strength to 1200 and have closed the admissions in the month of Aug-2015. In 2016 we have broken all previous record by any other institute in India\* & and our 220 students out of 250 qualified for JEE-Advanced not only this our students performed very good in NEET-1 & NEET-2 Exam which held on 24th July, 2016. Due to this overwhelming results students from Bihar, Jharkhand, Eastern UP, Rajasthan, M.P., Punjab, Himachal, J&K and Haryana also came at Dehradun besides our regular students from Uttarakhand & Western U.P.

Coaching has become very expensive now-a-days to meet the new challenges and to provide quality teaching, classrooms, study material and other facilities we have to maintain our fee structure in such a way so as to run the show. ATSE (Junior or Senior) is an effort

**“It this hyper competition world, it is not enough for bright students to just have a 95% marks. In the board exams as a target. Success in competitive exams such as JEE (Main and Advanced), AIPMT, KVPY, SAT, Olympiads & NTSE is the new parameter of success”**

to make coaching available to all meritorious students at very affordable fee. Talent is the only criteria by which we have decided to provide the fee & cash scholarship. If any student works hard and prepares for the test then I hope he or she will get good amount of scholarship and can fulfill his/her dream.

In today's hyper competitive world, eminent educationists are compelled to move at higher levels of performance benchmarks. It is increasingly not enough for bright students to just have a 95% marks. In the board exams as a target. Success in competitive exams such as JEE (Main and Advanced), AIPMT, KVPY, SAT, Olympiads & NTSE is the new parameter of success. Pressure to perform at the board exams coupled with the acute need to excel in competitive exams is creating extremely high levels of stress in students as well as in parents.

This has an adverse impact on the overall personality of the student. Hence it is important that the students look at ways to reduce the stress and enable holistic personality development of the students.

We at Aviral Classes believe that School is a best place for overall learning; we cannot substitute schools where students not only get the base of academics but also get the lesson of life along with co-curricular activities which we believe a very important aspect in student's life Aviral Classes brings a concept of new coaching, we do care about school syllabus along with coaching. We run 4 days classes for senior (XI & XII) students and 3 days classes for junior (VIII, IX & X) students. Besides this following are our unique points and delivery methods.

## **Stability and Experience of Faculty :**

We keep this point at top in our institute that faculty in any academy organisation is the key to success. Keeping this mantra in our mind we have the best and most caring pool of faculties working with us who are stable and have proven track record of producing IITians and Doctors.



## **Study Material :**

After our faculty, it is the study material on which we have paid more emphasis on. We have gone through various study material available in the country and developed our own keeping only informative, unique and easy to grasp concepts in it.

Our study material contain 15073 unsolved question (solution is also available for students in our library) and 3025 solved examples for IIT-JEE batches and 22800 unsolved questions (solutions is also available for students in our library) and 1800 solved examples for PMT batches. A wide variety of other books such as hand book, snap shots are also made available to them.





## Infrastructure:

We tried to make our classroom, offices and reception world class. In new session at Rajpur we will shift our branch at new, bigger and better premises at main Rajpur Road, CCTV, RO water, ample arrangements of parking, security, canteen for students and fully air conditioned campus part of our infrastructure.

## Weekly Tests, Monitoring and Awards:

Coaching and study without proper testing will not work for students. They should keep in mind that they are taking coaching, studying day and night only to participate in a 3 hrs. test (or 6 hrs. in case of JEE Advanced). We have weekly test pattern in our organisation whatever we cover in weekdays we conduct a test in to check the preparation level. Now it becomes the benchmark of Aviral. Every student and parent takes it seriously and try hard to score well. We also declare 'Toppers of the week's and publish the name & photo of the student at our notice board and provide a small gift as a token of appreciation to them. Consistent top performers gets a grand gift of appreciation. By the end of the syllabus we conduct a chain of Mock Test Series just before the final exam.

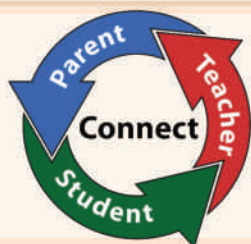


## Interaction with Parents:

We are always in touch with parents & parents are always welcome for any suggestions or feedback. Our Director always encourages parents and students to discuss their problems if any. We also discuss the issues related to Academic discipline and behavior of the students to the parents. Any parent can meet the director or with the faculty with prior appointment. Students need not to take appointment, they can meet directly to any one.

## Discipline

We maintain high levels discipline which we believe is very important to achieve a highest goal in our life. Mobile phone is strictly banned in our campus. Activity of students are monitored by the CCTV. If any students doesn't come for classes due to any reason then immediately we inform the parents, parents are also informed about their ward's progress.



## Performance Sharing

Parents will be provided easy access to our ERP in which the performance of his/her ward will be given along with the attendance of the child. This will keep parents updated about the progress. Our counselors visit to the parents to discuss the issue related to academics if need arises.

## Transport Facility

Transport facility is provided to all corners of Dehradun. We have small cab which are 7 to 9 seaters to save transportation time. Students can select transport facility if need arises.





## Syllabus - For Class V Studying Students

<b>PHYSICS</b>	: Universe, Simple Machines, Natural Calamities
<b>CHEMISTRY</b>	: Rocks and Minerals, Air, Water and Weather
<b>BIOLOGY</b>	: Plant and Animal Life, Food and Health, The Environment
<b>MATHEMATICS</b>	: Factors, Fractions, Decimals Area and Volume, Basic Geometry
<b>MENTAL ABILITY:</b>	Mathematics Operations, Odd one out, Water and Mirror Images, Puzzles

## Syllabus - For Class VI Studying Students

<b>PHYSICS</b>	: Natural Phenomena, How thing works (Current & Magnet)
<b>CHEMISTRY</b>	: Material, Air, Natural Resources
<b>BIOLOGY</b>	: Food, Living World
<b>MATHEMATICS</b>	: Number System, Ratio and Proportion, Basic Geometry & Introduction to Algebra
<b>MENTAL ABILITY:</b>	Series, Mathematical Operation, Puzzles, Mirror and Water Images, Odd one out.

## Syllabus - For Class VII Studying Students

<b>PHYSICS</b>	: Motion, Electric Current & its effect, Heat and Temperature.
<b>CHEMISTRY</b>	: Physical and Chemical changes, Acids, Bases and Salts, Fibre to Fabric
<b>BIOLOGY</b>	: Nutrition in Animals and Plants, Transportation in Animals, Respiration in Organisms, Soil
<b>MATHEMATICS</b>	: Rational Numbers, Simple equations, Fraction and Decimals, Percentage, Lines and Angles, Ratio and Propotion, Triangles and its properties.
<b>MENTAL ABILITY</b>	: Series, Mathematical operations, Missing Character, Direction Sense, Mirror and Water images, Classification.

## Syllabus - For Class VIII Studying Students

<b>PHYSICS</b>	: Force, Pressure, Light, Heat
<b>CHEMISTRY</b>	: Combustion and Flame, Coal and Petroleum, Materials: Metals & Non Metals, Matter
<b>BIOLOGY</b>	: Reproduction, Micro Organisms, Food Production and Management
<b>MATHEMATICS</b>	: Square and Square Roots, Exponents, Quadrilaterals, Percentage, Algebraic Expression and Identities, Cubes & Cube Roots, Geometry, Mensuration
<b>MENTAL ABILITY:</b>	Verbal and Non Verbal Reasoning: Number and Alphabets Tests, Series, Analogy, Directions Sense, Blood Relations, Coding and Decoding, Problems based on figures, Classification

## Syllabus - For Class IX Studying Students

<b>PHYSICS</b>	: Motion, Force and Laws of Motions, Gravitation, Fluid Pressure
<b>CHEMISTRY</b>	: Matter and its compositions, Elements, Compound & Mixtures, Atoms and Molecules
<b>BIOLOGY</b>	: Cell: The Fundamental unit of Life, Tissues, Diversity in Living Organisms
<b>MATHEMATICS</b>	: Numbers Systems, Factorization, Congruency of Triangles, Area of Parallelograms & Triangles, Quadrilaterals, Mensuration
<b>MENTAL ABILITY:</b>	Analytical Reasoning, Logical Reasoning, Figure Matrix, Problems Related to Figures.



## Syllabus - For Class X Studying Students

<b>Physics</b>	Electricity, Light, Motion, Force & Laws of Motion, Work, Energy & Power
<b>Chemistry</b>	Mole Concepts, Periodicity, Extraction of Metals, Acids, Bases & Salts, Atomic Structure, Carbon & its Compounds.
<b>Biology</b>	Plant Physiology - Photosynthesis, Respiration, Basics of Control & Coordination (Nervous & Endocrine), Excretion, Nutrition (Digestion), Respiration in Human Beings
<b>Mathematics</b>	Real Numbers, Polynomials, Triangles, Trigonometry, Pair of Linear Equations, Quadratic Equations, Mensuration, Circles, Quadrilaterals
<b>Mental Ability &amp; Reasoning</b>	

## Syllabus - For Class XI Studying Students

<b>Physics</b>	Units & Measurement, Kinematics, Laws of Motion, Work, Energy & Power, Rotational Motion and Gravitation
<b>Chemistry</b>	Some basic concepts of Chemistry, Structure of Atom, Gaseous State, Thermodynamics, Redox Reaction, Chemical Bonding, Periodic Table, Basic Organic Chemistry and Hydrocarbon
<b>Biology</b>	Living World, Plant and Animal Kingdom, Morphology & Anatomy of Flowering Plants, Structural Organisation in Animals, Cell: Structure and Function
<b>Mathematics</b>	Complex Numbers, Quadratic Equations, Binomial Theorem, Trigonometry, Permutation & Combination
<b>Mental Ability &amp; Reasoning</b>	

\*Out of Biology and Mathematics students have to appear only for one.

## Syllabus - For Class XII Studying Students

<b>Physics</b>	Electrostatic, Current Electricity, Magnetism, EMI, AC and Ray & Wave Optics
<b>Chemistry</b>	Solid State, Solutions, Electro Chemistry, Chemical Kinetics, Halogen Compounds, Alcohol & Phenol, Aldehyde & Ketones, Amines and Coordination compound.
<b>Biology</b>	Reproduction and Reproductive Health, Genetic & Evolution, Biology in Human Welfare, Biotechnology: Principles, Processes and Applications
<b>Mathematics</b>	Relation & Functions, Limits, Continuity, Differentiability, Application of Derivatives, Indefinite & Definite Integrals and Probability.
<b>Mental Ability &amp; Reasoning</b>	

\*Out of Biology and Mathematics students have to appear only for one.



## Important Instructions for ATSE (Junior / Senior)

1. Kindly fill the enclosed ATSE Registration Form and submit along with your self-attested photocopy of your previous class mark-sheet (as applicable) and 4 passport size colour photographs. In case mark-sheet is not available, students can enroll by submitting a self attested photocopy of their Identify Card issued by the school.
2. Online Registration Facility is also available on our website: [atse.in](http://atse.in), where student can download his/her Admit Card for appearing in ATSE-2016 mentioning his / her Roll No. and Exam Centre name.
3. Last date of receiving duly filled Application Form online or by post at Registered Office or by hand at Aviral Classes (Rajpur Road / Ballupur Chowk) in on 28th October, 2016 (Friday) on or before 6:00 pm.
4. ATSE Registration Form can also be accepted after 28th October, 2016 with a late fee of Rs. 50/- till 31st October, 2016 (Monday) by post at Registered Office or by hand at nearest Aviral Centre before 5.00 pm. No forms will be accepted after 28th October, 2016
5. The test paper contains Multiple Choice Question (MCQs), which will be conducted on Optical Mark Reader (OMR) Sheet. A Sample of OMR sheet is attached with the Sample Paper for your reference.
6. The result of the candidates eligible for the scholarship will be displayed on our website: [www.atse.in](http://www.atse.in) mentioning their name & rank along with the eligible scholarship.
7. Cash Awards shall be paid by cheque. It will be paid in the 1st week of June, 2017 at respective centres of Aviral Classes as decided by the management.
8. The merit list for successful candidates will be prepared by listing them in the descending order of the total marks scored by them. However, there may be ties and such ties will be broken by sequentially applying the following set of rules.
  - (i) Student having lesser age
  - (ii) Student having higher marks in Science
  - (iii) Student having higher marks in Mathematics
  - (iv) Student having higher marks in Mental Ability Test
  - (v) Female Student
9. Meaning of Scholarship: Scholarship means Fee Concession; Fee Discount, Fee Waiver If at any point of time, the government decides to charge Service Tax on the scholarship / concession amount / fee waiver, then the service tax shall be borne by the student / parent / guardian.
10. Selected candidates will be provided classroom coaching as per the choice of their study centre at (Rajpur Road / Ballupur Chowk) but if a student wants to change the study centre, written permission for the same will have to be taken from the Director.
11. The students joining 1 year course of Class VIII shall be eligible for Scholarship for 1 year only. For the next year they will again need to compete for scholarship under ATSE (Junior) subject to Terms & Conditions applicable. However, those students who join our 2-year program (class IX & X or XI & XII combined) shall be eligible for continued scholarship for the entire period subject to Terms & Conditions.
12. The final decision shall be taken by Director-Aviral Classes which will be binding to all.





# REWARDS AND SCHOLARSHIP (ATSE SENIOR)

## (a) Class X Appearing

Rank	Fee Scholarship* (in tuition fee)	Cash Scholarship**	Other Scholarship <sup>+</sup>
1st	50%	₹ 50,000/-	₹ 2,000 + Free Books
2nd-10th	40%	₹ 30,000/-	₹ 1,000 + Free Books
11th-100th	30%	₹ 15,000/-	₹ 500 + Free Books
<b>Total Cash Rewards : ₹16,70,000</b>		<b>* Total fee Scholarship : ₹59,09,000</b>	

## (b) Class XI Appearing

Rank	Fee Scholarship* (in tuition fee)	Cash Scholarship**	Other Scholarship <sup>+</sup>
1st	50%	₹ 20,000/-	₹ 2,000+ Free Books
2nd-10th	40%	₹ 10,000/-	₹ 1,500 + Free Books
11th-100th	30%	₹ 5,000/-	₹ 1,000 + Free Books
<b>Total Cash Rewards : ₹ 5,60,000</b>		<b>* Total fee Scholarship : ₹ 24,88,000</b>	

## (c) Class XII Appearing

Rank	Fee Scholarship* (in tuition fee)	Cash Scholarship**	Other Scholarship <sup>+</sup>
1st	50%	₹ 5,000	₹ 2,000 + Free Books
2nd-10th	40%	₹ 3,000	₹ 1,000 + Free Books
11th-100th	30%	₹ 2,000	₹ 500 + Free Books
<b>Total Cash Rewards : ₹ 2,12,000</b>		<b>* Total fee Scholarship : ₹ 24,88,000</b>	

**Note:** Fee Scholarship for other rank holders will be announced at the time of result.

### Rules and Regulations:

- \* Fee Scholarship is applicable on Tuition Fee only. No Scholarship is payable on Registration Fee and Admission Fee. Student has to take admission in our Regular Classroom Program (1Yr./2Yrs.) on or before 15th December, 2016 to avail the Scholarship.
- \*\* Cash Scholarship will be given in the month of May-June, 2017 to all eligible students who will take admission in Regular Program (1Yr./2Yrs.) of "Aviral Classes" and will pay Registration + Admission + Tuition Fee (with all PDC in case of installments plan). The admission procedure must be completed before 15th December, 2016.
- + In case students do not take admission in Regular Classroom Program of Aviral Classes then also he/she may be eligible to get other scholarship in which he/she has to enrol in our Distance Learning Program (DLP) and books will be made available to them free of cost

but they can not opt out from this DLP Program throughout the coaching tenure. The cash reward associated with this will also be given in the month of May-June, 2017. (Other Scholarship is payable only for those who will not take admission in any of the regular program at Aviral Classes).

- This scholarship can be withdrawn during the program if students do not perform well in our internal examination, assessments, on disciplinary ground, not maintaining proper attendance (less than 85%) or creating bad word of mouth about Aviral Classes.

The above scholarship will only be valid if number of students are more than 500 in that grade, If it is less than 500 then only 1/10th students will be awarded. The final decision will be taken by Director-Aviral Classes which will be binding to all.

**Total Cash & Fee Scholarship of ₹1,33,27,000**  
**(Other Fee Scholarship worth 50,00,000)**



# IMPORTANT DATES : ATSE (JUNIOR & SENIOR)

Examination Fee :	<b>Absolutely Free</b>
Examination Date :	6th, 13th & 20th November, 2016
Examination Mode :	<b>ONLINE &amp; OFFLINE</b>
Examination Centre:	BAREILLY, DEHRADUN, GORAKHPUR, HARIDWAR, HALDWANI, LUCKNOW, MORADABAD, SAHARANPUR, SAHANJAHANPUR
Timings :	
(a) <b>ATSE - JUNIOR</b> (Class V, VI, VII, VIII & IX)	10:00 am to 12:00 pm
(b) <b>ATSE - SENIOR</b> (Class X, XI & XII)	3:00 pm to 5:00 pm
Test timing and venue can be changed as per the no. of enrollment. Students are advised to go through their admit card for the same.	
Last date of receiving duly filled form by post at Registered Office	28th October 2016 (Friday)
or by hand before 6.00 pm at nearest Aviral Classes	
Last date of receiving duly filled form with late fee of ₹50 by post at	2nd November 2016 (Wednesday)
Registered Office or by hand before 5:00 pm at nearest Aviral Centre (Rajpur Rd. / Ballupur Chowk)	
Date of Declaration of Result :	27th November, 2016 (Sunday)
Online enrolment can be done at	<a href="http://www.atse.in">www.atse.in</a>

## EXAM DETAILS OF ATSE (JUNIOR)-2016

**Total No. of Questions: 80 | Duration : 2 hours | Total Marks : 320 | Negative Marking (Yes)**

**80 MCQs : Science :** Physics (15), Chemistry (15) & Biology (15) **Mathematics** (20) **Mental Ability** (15)

## EXAM DETAILS OF ATSE (SENIOR)-2016 (X)

**Total No. of Questions: 80 | Duration : 2 hours | Total Marks : 320 | Negative Marking (Yes)**

**80 MCQs : Science :** Physics (15), Chemistry (15) & Biology (15) **Mathematics** (20) **Mental Ability** (15)

## EXAM DETAILS OF ATSE (SENIOR)-2016 (XI & XII)

**Total No. of Questions: 80 | Duration : 2 hours | Total Marks : 320 | Negative Marking (Yes)**

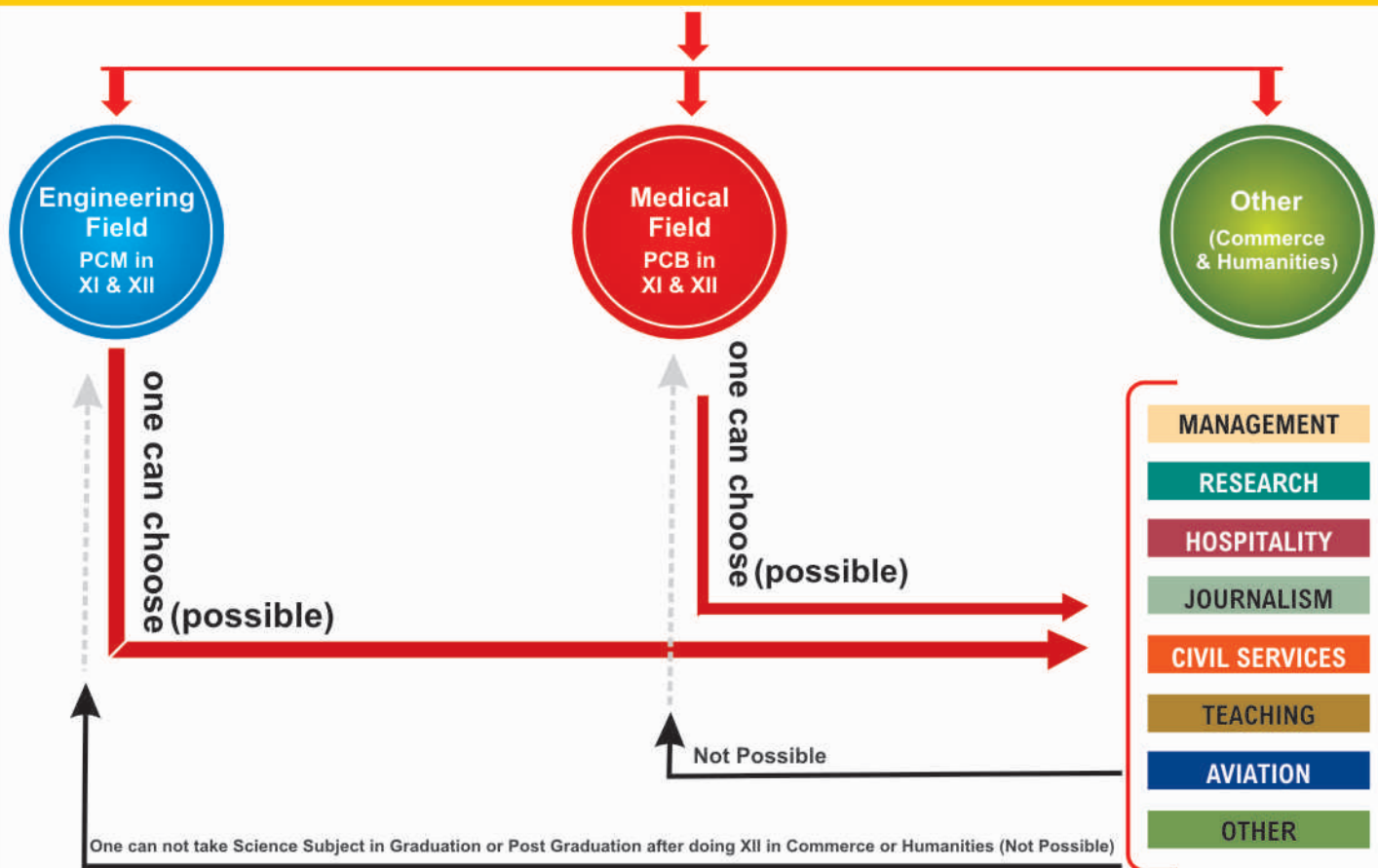
**80 MCQs : Science :** Physics (20), Chemistry (20) & either of Mathematics or Biology (25) **Mental Ability** (15)

Note: The syllabus of **ATSE (Senior / Junior)** has been designed keeping in mind the curriculum taught in class V, VI, VII, VIII, IX, X, XI and XII at All India Level.



# CAREER CHOICES ?

after XII



## Why to choose Engineering as a Career Choice ?

(Particularly from IITs / NITs / BITS)

Besides secured future and handsome salary, there are number of reason to choose Engineering as a career choice. The various reasons to choose Engineering as a career goals are:

1. Most of the school toppers and board toppers choose PCM and prepare for IIT, so if a student takes PCM and decides to do JEE preparation then he/she will be in a good company of bright and brilliant students which will help him / her to perform better always.
2. If any student cracks JEE examination out of more than 13 lacs appeared then he/she will gain lots of confidence which will boost his / her future performance. We know the academic level at IITs / NITs or BITS (for B.Tech.), which is very high and there the professors are highly experienced. So if a student does B.Tech from such an organisation then he / she will develop a habit of hard work in himself or herself. This habit will lead to achieve higher goals .



# CAREER CHOICES AFTER IIT: ENGINEERING IS NOT YOUR ONLY OPTION!

Dear Students, here are few other fields where an IITian / NITian / BITSian or any Engineer go after B.Tech. I hope it will helpful to decide your future planning with PCM.

“Now that high-end products and services are more in demand, a larger number of companies are looking forward to be at the forefront of technology and launch new products.”



Each year, over 9,000 students pass through the fire of JEE entrance exam and enter the hallowed gates of the Indian Institutes of Technology (IITs). We also read about some of the most awe-inspiring placements from IIT campuses. 2014 has registered buoyancy in salary packages and number of job offers at IIT campus placements after a lull of several years.

While many IITians do opt for core engineering jobs, a look at the IIT campus placement reports suggest that there is a lot more on the platter for IIT pass-outs to choose from. Here are some of the most popular career paths well tread by the IITians (and the BITSians, NITians, IIITians and alumni of other top engineering colleges of India):

## Data Analytics

Data Analyst or Data Scientist is expected to do text mining using statistical tools, structure data to build predictive models, understand and analyze existing data models to see how data is stored in relational databases, and understand system integration aspects in transactional systems to help real-time decision making. For data management and manipulation, one needs solid understanding of programming logic and various paradigms, ability to answer business-related questions using statistical techniques from existing data and communicate findings to both technical and business audiences. A good understanding of software application architecture is also required.

Data Analysts also make use of Segmentation, Time Series Forecasting, Decision Tree, Chaid, Cart, Logistic Regression etc.

Currently, a favourite sector among IITians, Big Data uses Mathematics and Technology to arrive at behavioural sciences and design thinking. Bytes of information sought from sensors and social networks are used by companies to seek insights into areas like customer behaviour, marketing, risk and supply chain.

## Management Related Careers

Management consulting job is an advisory service to assist managers and organisation achieve their goals and objectives. Strategic planning, facilitation, education and training of managers, quality assurance, investment advice, identifying and analysing management problems and coming up with their solutions are all part and parcel of job of a Management Consultant.

Most IITians also prepare for CAT and get into IIMs. Their experience in preparing for competitive entrance exams and the culture at IITs give them an edge over non-IITians to crack the MBA entrance exam. At IIT

campus placements, many IITians directly get bank, finance and management-related careers due to their number crunching abilities.

## Financial Services sector

The finance sector is one of the major recruiters at the IITs. There is a rush to recruit the brightest and best from IIT campuses at top-level and mid-level positions in the companies. A variety of profiles are open for engineering graduates due to their capabilities in analytical and quantitative analysis.

## Research & Development

According to NASSCOM, it is expected that by 2020, Engineering Research & Development industry will touch \$40 billion. With serious shortage of resources, innovation is the need for the hour. Now that high-end products and services are more in demand, a larger number of companies are looking forward to be at the forefront of technology and launch new products.

Most Research & Development profiles across most reputed research companies and institutes ask for Master's or Doctorate degrees. Whether you are Chemical, Civil, Electrical, Mechanical or Petroleum Engineer, you can work to develop new technology solutions, products and services for various sectors.

## Education

Several educational institutions in India and abroad recruit IIT graduates as faculty members and research fellows. However, most public and private institutes and universities are on a lookout for doctoral and master degree holders for these positions.

## Public Sector/Government

Public Sector Undertakings (PSUs) in India employ engineers from various disciplines. Air India Engineering Services, BHEL, Cement Corporation of India, Central Cottage Industries Emporium, Central Warehousing Corporation, Coal India Limited, Food Corporation of India, GAIL India, DMRC, and several other PSUs advertise hundreds of engineering jobs every year.

With mastery in technical subjects and the confidence to handle various interviews, many IITians find it easy to crack administrative service exams too.





## IT, Software

Computer engineers or software engineers help in development of new operating systems, business applications and computer games. They are responsible for constructing and managing computer system of an organisation and also work in technical support departments. For a Computer Science graduates, Programming is one of the most exciting career options. Programmers are responsible for Coding, Designing & Testing Programmes and Computer Applications.

Computer Science graduates can also go on to become IT Managers who manage database for Computer Applications. IT Management is quite challenging and requires proficiency in structural languages and database designing. IT manager is the one who deals with data protection and security issues for an organization.

Technical Communication career is on the rise these days. Here, people breakdown various technical and research processes in information pieces about a product or service that is understandable for the targeted customers or clients.

## FMCG

In Fast Moving Consumer Goods (FMCG) sector, Mechanical Engineering graduates are often absorbed to handle factory operations. They are responsible for planning and organising production targets, optimal utilization of consumables, proper allocation of resources, and enforce quality standard across various process in manufacturing plants.

India Brand Equity Foundation (IBEF) predicted that market size of the Indian FMCG sector is expected to reach US\$ 135 billion by 2020. Last year, FMCG was the fourth largest sector of Indian economy. Food Products command about half the FMCG market segment, followed by Personal Care items. Since the government has allowed 51% Foreign Direct Investment (FDI) in multi-brand outlets and 100% FDI in single-brand retail stores, the FMCG sector is expected to see some major growth. Rising incomes and growing youth population are other key growth drivers of the sector.

## Services

NASSCOM expects that India will soon be a global hub for engineering services. Product lifecycles are becoming shorter and hence, companies across the segments are trying to give additional value to customers now. Design and manufacturing now go hand in hand. Engineering work outsourced to India is getting us closely embedded into customer core

By 2021, spending on Engineering Services is expected to increase to US\$ 1.1 trillion. With development in associated sectors such as automotive, infrastructure (including projects started by the government) and industrial goods, it is expected that engineering exports from India should increase to US\$120 billion by 2015 – which will naturally require a well-rounded technical talent pool.

## Entrepreneurship

IITs bring out leadership qualities in its students and have several incubation cells for those who want to start their own ventures. It is not surprising that such a large number of most successful entrepreneurs in India and abroad are from IITs. Some of the most successful business ventures set up by IIT graduates recently are ThinkLabs and MobiKwik.

## Multi-faceted Careers

IITians are empowered a lot to chase their dreams. There are many IITians who have earned good money and reputation as authors (Chetan Bhagat and Pradeep Anand), entertainers (Rahul Ram and Amol Parashar), politicians (Manohar Parrikar and Arvind Kejriwal), and what not. These outliers agree that they owe the confidence they have in what they do to IITs. Some of the other unconventional careers opted by IITians are:

**Blogging:** Arnab Ray is one of the premier bloggers of India. His blog 'Random Thoughts of a Demented Mind' is known for sarcastic takes on the India's film industry, politics and society in general. He is also working as a research scientist at the University of Maryland and writes books. Photography: Devendra Purbiya carved out his name as a full-time photographer. In 2009, he won a contest to photograph the Kingfisher Calendar Launch. In 2010, he covered the Chennai and Bangalore Lakme Fashion Weeks and the closing ceremony of the most prestigious Commonwealth Games in Delhi.

**Social Entrepreneurship:** Swapnil Kant Dixit found Jagriti Yatra after graduating from IIT Kharagpur. This annual inspirational train journey takes hundreds of motivated youth and experienced professionals of India on a 15-day national odyssey where they meet role models, leaders and change-makers that have made a difference to thousands of lives.



# Why to choose Medical as a Career Choice ?

Dear Students, It has all the benefits as we discussed in Career Choice in Engineering. In fact choosing Medical as a career is considered the highly respectable and noble cause in India.

Few pros and cons of being a Doctor is given below. I hope it will help you deciding career in Medical field.



## How to Become a Medical Doctor (General Practitioner)

“The opportunity to serve people. Being a medical doctor allows you to dedicate your life towards serving other people!”

Let's face a fact – you want to know **how to become a medical doctor**, also called a general practitioner in some countries (GP), because you love people; you love working with people and you have a heart for people who are suffering.

Although medicine does offer careers for so called “task orientated” personalities, medical doctors work with people almost all of the time and in the final analysis needs to be a “people's person”.

If you want to find out whether you are a future doctor, read on...

### What is a Medical Doctor?

A medical doctor is a person who has completed formal training at an approved medical school, has received a medical qualification at such an institution and has satisfied all the requirements called for by the professional healthcare registration board of country/state they are practicing in.

A general practitioner devotes his practice to assessing and treating general medical ailments. A general practitioner typically practices in a suburban setting and takes care of the health of families living in this area.

The GP diagnoses and treats a large variety of diseases and conditions, and has the option of referring certain conditions to a specialist for further investigation and management.

### So you want to know how to become a medical doctor?

If you are in high school it is essential that you excel in the following subjects:

- Mathematics
- Science (physics and chemistry)
- Biology
- Additional optional subjects to study:
- English
- Any Other Subject

### What are the attributes that I need to become a medical doctor?

- A strong desire to become a medical doctor. This is very important. Do not pursue medicine as a career if you are in any measure unsure about your decision.
- Perseverance.
- Embarking on a career that will require formal studies of 6 years or longer requires high levels of perseverance.
- Love and respect for human beings (patients and their relatives).
- Respect for life.
- A keen interest in the structure and functioning of the human body.
- The ability to work under pressure and within time constraints.
- The ability to work as a member of a wider healthcare team.
- The ability to work for long hours continuously.
- The ability to keep your concentration for extended periods of time.
- You need to like working with your mind and your hands.
- You need to like working with people, love serving people?and mankind in general.
- An enquiring mind – always trying to find out more about interesting subjects.
- Intelligence. If you really struggle with your studies despite daily putting in considerable effort, you may do well to submit yourself for psychological assessment to ascertain if you have the intellectual ability to becoming a doctor.

Don't worry if you have a tendency toward fainting, nausea, or dislike blood. Over a period of time, you will get used to it without the tendency to react negatively.

### Benefits of a medical career:

**Fulfillment.** A medical doctor experiences intellectual fulfillment in an environment where people are being helped.

**Flexibility.** The opportunity to follow a number of different careers within the general field of medicine. A researcher at university, a successful private practitioner as a GP, a hospital medical doctor, a medical advisor to a healthcare organization or a medical specialist are some of the career options that the field of medicine has to offer.

**Financial security.** Medical doctors in most countries worldwide are in the



upper 15 percent of earners when compared with other careers and professions.

The opportunity to serve people. Being a medical doctor allows you to dedicate your life towards serving other people!

Status and respect. Medical doctors enjoy a high level of status in the communities where they work and live.

Challenges. Medical doctors are faced with diagnostic and treatment challenges on a daily basis.

Variety. People, diseases and medical conditions are all interesting variables in the doctor's life ensuring that a doctor's life is almost never boring.

Mobility. Doctors are not tied to their desks and career opportunities are available worldwide.

Relationships. As a family practitioner, you will be able to build long-term satisfying doctor-patient as well as friendly relationships with a large number of families and individuals within the community that you are serving.

General practitioner doctors have the option to further their studies in a specific field of special interest. This will require an additional number of years studying as an intern at a training institution associated with an academic hospital. It is strongly recommended that you practice as a general practitioner for a number of years before considering pursuing studies towards specializing in one of the specialty fields of medicine/surgery.

## Disadvantages of a medical career:

It requires a long and difficult study period with long and irregular hours of study in addition to practical and clinical sessions. Working hours are usually long (including after-hours calls) and this may put strain on marriage/family relationships. Disciplined time management is of utmost importance!

- In some countries, the risk of unreasonable medico-legal claims may exercise enormous psychological stress on a doctor.
- It takes a number of years to build a private practice that will be able to sustain you and your family economically.
- Your personality profile must be able to psychologically deal with the occurrence of complications as well as suffering and death as part your work.

Most doctors, at the end of their practice lifetime, would vouch for the fact that the advantages of a medical career outweigh these disadvantages by far. Medicine offers an individual the prospect of an enormously meaningful life and a hugely satisfying career!

## Details of Advantages and Disadvantages of Becoming a Doctor

Many advantages and disadvantages come with being a doctor. This article cites some of the career's most notable rewards and challenges, including income, prestige, helping others, job-related stress, long work hours and legal challenges.

What are Advantages and Disadvantages of Becoming a Doctor?

### Advantages

Doctors enjoy many perks in their profession. The benefits below highlight some of the advantages that come with being a doctor.

“Other factors that contribute to personal satisfaction may include research and training opportunities and the freedom to provide quality healthcare.”

### Respect

Many doctors find it rewarding to help improve or save the lives of others. Getting respect for their work and contributions in the community is yet another benefit for doctors, according to the Association of American Medical Colleges.

### Income

Salary, which varies according to experience, specialty and setting, is also an advantage for physicians. Most physicians enjoy above-average earnings. For example, according to the U.S. Bureau of Labor Statistics, family and general practitioners earned median salaries of \$172,020 in 2012.

### Personal Satisfaction

A study conducted in 2002 by the American Medical Association showed that physician satisfaction varied by specialty; however, in general, about 42% of physicians showed satisfaction with their career. Other factors

that contribute to personal satisfaction may include research and training opportunities and the freedom to provide quality healthcare.

### Disadvantages

While being a doctor definitely has its advantages, the profession proves challenging as well. The following factors are just some of the potential disadvantages that come with the job.

### Time Consumption

Doctors often cite long training periods in medical school and the high tuition costs associated with it as a disadvantage. Time remains an issue even after earning a

medical degree, since physicians often work long hours and don't have as much time to spend with family and friends as they'd like.

### Job-Related Stress

Just as saving lives can be rewarding, the responsibilities that come with being a doctor can be stressful, such as making a mistake, losing a patient or fearing the loss of one. According to a 2002 article appearing on the National Center for Biotechnology Information website, 73% of junior doctors on cardiac arrest teams found cardiopulmonary resuscitation (CPR) stressful.

Individuals surveyed note that stress was due largely to unfortunate outcomes. Other issues included the failure of senior staff to give 'Do Not Resuscitate' orders for applicable patients, no advanced life support training prior to performing CPR or simply just having to perform the procedure. Doctors also reported that they sometimes find it difficult to discuss CPR with patients and their families.

### Lawsuits

Medical malpractice suits are another disadvantage. As reported by the U.S. Bureau of Justice Statistics, nearly 2,500 medical malpractice cases were handled in general jurisdiction courts in 2005. Although plaintiffs won less than one-fourth of the cases, medical malpractice suits can still sully a doctor's reputation.

\*Disclaimer: Contents provided in the above section is compiled from various sources. Aviral Classes does not take any responsibilities of its authenticity.



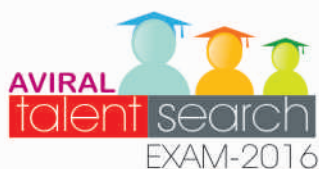






# Important Instructions for ATSE (Junior / Senior)

1. Kindly fill the enclosed ATSE Registration Form and submit along with your self-attested photocopy of your previous class mark-sheet (as applicable) and 4 passport size colour photographs. In case mark-sheet is not available, students can enroll by submitting a self attested photocopy of their Identify Card issued by the school.
2. Online Registration Facility is also available on our website: [www.atse.in](http://www.atse.in), where student can download his/her Admit Card for appearing in ATSE-2016 mentioning his / her Roll No. and Exam Centre name.
3. Last date of receiving duly filled Application Form online or by post at Registered Office or by hand at Aviral Classes (Rajpur Road / Ballupur Chowk) in on 28th October, 2016 (Friday) on or before 6:00 pm.
4. ATSE Registration Form can also be accepted after 25th October, 2016 with a late fee of Rs. 50/- till 2nd November 2016 (Wednesday) by post at Registered Office or by hand at nearest Aviral Centre before 5.00 pm. No forms will be accepted after 2nd November 2016
5. The test paper contains Multiple Choice Question (MCQs), which will be conducted on Optical Mark Reader (OMR) Sheet. A Sample of OMR sheet is attached with the Sample Paper for your reference.
6. The result of the candidates eligible for the scholarship will be displayed on our website: [www.atse.in](http://www.atse.in) mentioning their name & rank along with the eligible scholarship.
7. Cash Awards shall be paid by cheque. It will be paid in the 1st week of June, 2017 at respective centres of Aviral Classes as decided by the management. (Date of Reward can be changed also)
8. The merit list for successful candidates will be prepared by listing them in the descending order of the total marks scored by them. However, there may be ties and such ties will be broken by sequentially applying the following set of rules.
  - (i) Student having lesser age
  - (ii) Student having higher marks in Science
  - (iii) Student having higher marks in Mathematics
  - (iv) Student having higher marks in Mental Ability Test
  - (v) Female Student
9. Meaning of Scholarship: Scholarship means Fee Concession; Fee Discount, Fee Waiver  
If at any point of time, the government decides to charge Service Tax on the scholarship / concession amount / fee waiver, then the service tax shall be borne by the student / parent / guardian.
10. Selected candidates will be provided classroom coaching as per the choice of their study centre at (Rajpur Road / Ballupur Chowk) but if a student wants to change the study centre, written permission for the same will have to be taken from the Director.
11. The students joining 1 year course of Class VIII shall be eligible for Scholarship for 1 year only. For the next year they will again need to compete for scholarship under ATSE (Junior) subject to Terms & Conditions applicable. However, those students who join our 2-year program (class IX & X or XI & XII combined) shall be eligible for continued scholarship for the entire period subject to Terms & Conditions.



Signature of the Parents

Signature of the Student

## Instructions:

1. Please carry this admit card during the examination.
2. Please occupy your seat before 30 min. of the examinations.
3. Paste a passport size self attested photograph on the space provided at the admit card.
4. Please read the instructions printed on the test paper before starting.
5. Please submit the OMR sheet along with test paper to the invigilator .



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