



# VIBRANT ACADEMY

JEE (ADVANCED) | JEE (MAIN) | NEET (UG) | EDGE (5 TO 10)

## All About

# KISHORE VAIGYANIK PROTSAHAN YOJNA (KVPY)

## किशोर वैज्ञानिक प्रोत्साहन योजना (केवीपीवाई)

Govt. of India's National Fellowships for Students Interested in Research Career in Basic Science

### KVPY 2021

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## Information Booklet

For Students | Parents | Teachers | Counsellors

An Initiative by Vibrant Academy's

### JEE (Main) Division

JEE (Main) | Boards | BITSAT | NDA-NA | IISER-AT

### Pre-Medical Division

NEET(UG) | Boards | BITSAT | IISER-AT

## 1. About KVPY:

Sr.#	Particular	Information
1	Full Name & Abbreviation	KISHORE VAIGYANIK PROTSAHAN YOJNA (KVPY)   किशोर वैज्ञानिक प्रोत्साहन योजना (केवीपीवाई)
2	Conducted For	Class XI & XII (Science) & 1st Year Students of any Under Graduate Program in Basic Science
3	Conducted & Managed by	Indian Institute of Science (IISc), Bengaluru   Started in 1999
4	Funded By	Department of Science and Technology, Government of India
5	Objectives	<ul style="list-style-type: none"><li>○ The aim of the program is to identify &amp; encourage talented students with an aptitude for research.</li><li>○ It strives to assist the students to realize their potential and to ensure that the best scientific talent is developed for research and growth in the country.</li><li>○ The mission is to attract exceptionally bright and highly motivated students to research careers mainly in the areas of basic sciences.</li></ul>

## 2. Why KVPY - Benefits/Advantages:

Sr.#	Benefit Type	Information
1	Reputation	One of the prestigious Examination of INDIA after X Grade for Students of Science Stream.
2	Financial	Monthly Fellowship of ₹ 5,000/- & annual contingency of ₹ 20,000/- (Minimum).
3	Benchmarking	National Level Competition with Best Students (1 Lac+) in Science Stream.
4	Admissions	Direct Admission in various reputed colleges like Indian Institutes of Science Education & Research (IISERs), Indian Institute of Science (IISc) etc.
5	Career	All the hard work put in securing a KVPY Scholarship starts bearing the fruit during the professional life of a candidate.

## 3. Importance of Being a KVPY Fellow OR KVPY Fellowship Winner:

Sr.#	Particular	Information
1	Library & Laboratory Access	KVPY Fellow OR Scholar is allowed free entry to all the National Libraries & Laboratories in the Country. (Run by National/State Govt.)
2	Research Project	Every individual who qualifies KVPY is required to do a Research Project under the guidance of a scientist or scholar specializing in respective fields.
3	Seminars & Summer Camps	KVPY scholars have the opportunity to attend various seminars and summer camps. These summer programs are organized separately for different streams.
4	Institutional Visits	KVPY Scholars spend one to two weeks in scientific institutions under the experts' guidance in different fields of science, engineering/ medicine.
5	Academic Identity	<ul style="list-style-type: none"><li>○ Besides making you confident; the KVPY Programs make you look one above the rest.</li><li>○ KVPY Scholars getting a New Meaning &amp; Identity in Applied Sciences &amp; Field.</li></ul>

## 4. KVPY: Fellowship Structure:

Sr.#	Particular	Information
1	Applicability	UG & PG Courses in Basic Sciences
2	Streams	<b>SA:</b> Class-XI   <b>SX:</b> Class-XII   <b>SB:</b> First Year (UG)
3	Courses/Degree Programs	<b>UG:</b> B.Sc./B.S./B.Stat./B. Maths   <b>PG:</b> Integrated M.Sc./M.S./M.Math/M.Stat.
4	Monthly Fellowship (Per Month)	₹5000/-: During 1 <sup>st</sup> to 3 <sup>rd</sup> Years of B.Sc./B.S./B.Stat./B.Math. / Integrated M.Sc. /M.S. ₹7000/-: During M. Sc. / 4th to 5th Years of Integrated M.Sc. /M.S./M.Math./M.Stat.
5	Annual Contingency Grant (Per Year)	₹20000/-: During 1 <sup>st</sup> to 3 <sup>rd</sup> Years of - B.Sc./B.S./B.Stat./B.Math. / Integrated M.Sc. /M.S. ₹28000/-: During M. Sc. / 4th to 5th Years of Integrated M.Sc. /M.S./M.Math./M.Stat.

## 5. KVPY Aptitude Test (AT):

### a) Basic Information:

Sr.#	Particular	Information																				
1	Stages	<ul style="list-style-type: none"> <li>○ Stage 1: Aptitude Test (AT)</li> <li>○ Stage 2: Personal Interview (Due to CoVID-19 situation interview will not be conducted this year).</li> </ul>																				
2	Streams	<ul style="list-style-type: none"> <li>○ Stream SA: Students Enrolled in XI Standard (Science Stream: PCMB)</li> <li>○ Stream SX: Students Enrolled in XII Standard (Science Stream: PCMB)</li> <li>○ Stream SB: Students Enrolled in the 1st Year of Under Graduate Program in Basic Sciences namely Physics/Chemistry/Maths &amp; Biology leading to B.Sc./B.S./B.Stat./B.Math./Int.M.Sc./Int. M.S.</li> </ul>																				
3	Eligibility	The Kishore Vaigyanik Protsahan Yojana (KVPY) Eligibility includes the academic criteria of each stream, citizenship and age criteria. To Know more Visit: <a href="http://www.kvpy.iisc.ernet.in">www.kvpy.iisc.ernet.in</a> <b>The KVPY Eligibility criteria for different Streams is given below:</b>																				
		<table border="1"> <thead> <tr> <th>Stream</th> <th>Current Class (Session)</th> <th>Stream</th> <th>Academic Performance</th> <th>Enrollment in Course (Session)</th> </tr> </thead> <tbody> <tr> <td>SA</td> <td>XI (2021-22)</td> <td>Science</td> <td>60% (Class XII: 2023)</td> <td>UG in Basic Science (2023-24)</td> </tr> <tr> <td>SX</td> <td>XII (2021-22)</td> <td>Science</td> <td>60% (Class XII: 2022)</td> <td>UG in Basic Science (2022-23)</td> </tr> <tr> <td>SB</td> <td>FIRST YEAR (2021-22)</td> <td>Basic Science</td> <td>60% (First Year: 2022)</td> <td>UG in Basic Science (Contd.)</td> </tr> </tbody> </table>	Stream	Current Class (Session)	Stream	Academic Performance	Enrollment in Course (Session)	SA	XI (2021-22)	Science	60% (Class XII: 2023)	UG in Basic Science (2023-24)	SX	XII (2021-22)	Science	60% (Class XII: 2022)	UG in Basic Science (2022-23)	SB	FIRST YEAR (2021-22)	Basic Science	60% (First Year: 2022)	UG in Basic Science (Contd.)
		Stream	Current Class (Session)	Stream	Academic Performance	Enrollment in Course (Session)																
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SB	FIRST YEAR (2021-22)	Basic Science	60% (First Year: 2022)	UG in Basic Science (Contd.)																		
UG Course: B.Sc./B.S./B.Stat./B. Maths PG Course: Integrated M.Sc./M.S./M.Math/M.Stat.																						
4	Applicability (UG & PG Courses)	UG Course: B.Sc./B.S./B.Stat./B. Maths PG Course: Integrated M.Sc./M.S./M.Math/M.Stat.																				
5	Reservation Policy	The exact reservation % not mentioned on official website and KVPY follows fixed Cut-Off Marks for SC and ST Category to Grant some Fellowships.																				
6	Examination Mode	KVPY Aptitude Test is Completely ONLINE (Computer Based Test)																				
7	Examination Duration & Time	Stream-SA: Duration: 3 Hrs (180 Min.)   Time: Forenoon 9:30 AM to 12:30 PM Stream-SX & SB: Duration: 3 Hrs (180 Min.)   Time: Afternoon 2:30 PM to 5:30 PM																				
8	Subjects Tested	PHYSICS (P)   CHEMISTRY (C)   MATHS (M)   BIOLOGY (B)																				
9	Medium of Instructions	English & Hindi																				
10	Examination/Application Fee	General/OBC Category: ₹1250   SC/ST/PWD: ₹625   Bank Charges extra   For KVPY 2021																				

### b) Paper Structure:

Sr.#	Particular	Information	
		For SA Stream	For SX & SB Stream
1	Duration	3 Hrs (180 Min.)	3 Hrs (180 Min.)
2	No. of Questions (Total)	80 Questions	120 Questions
3	Part-wise Questions	Part I: 60 Qs Part II: 20 Qs	Part I: 80 Qs Part II: 40 Qs
4	Subject-wise Questions	Part I: P: 15 Qs   C: 15 Qs   M: 15 Qs   B: 15 Qs. Part II: P: 5 Qs   C: 5 Qs   M: 5 Qs   B: 5 Qs.	Part I: P: 20 Qs   C: 20 Qs   M: 20 Qs   B: 20 Qs. Part II: P: 10 Qs   C: 10 Qs   M: 10 Qs   B: 10 Qs.
5	Marking Scheme (Part-wise)/ Marks Per Question (Correct)	Part I: +1   Part II: +2	Part I: +1   Part II: +2
6	Marking Scheme (Part-wise) For each Wrong Answer	Part I: 0.25 (1/4)   Part II: 0.50 (1/4)	Part I: 0.25 (1/4)   Part II: 0.50 (1/4)
7	Parts/Subjects To be Attempted	Part I: 60 Qs   Part II: 20 Qs All Parts, All Subjects & All Qs are Compulsory	Part I: 60 Qs (Any 3 Subjects from PCMB) Part II: 20 Qs (Any 2 Subjects from PCMB)
8	No. of Questions to be Attempted	Part I: 60 Qs   Part II: 20 Qs   Total: 80 Qs	Part I: 60 Qs   Part II: 20 Qs   Total: 80 Qs
9	Maximum Marks (MM)	100	100
10	Attempt Time Per Question	135 Seconds (2 Min. 15 Sec.)	135 Seconds (2 Min. 15 Sec.)

### c) Syllabus of KVPY Aptitude Test:

1. No Prescribed Syllabus for the Aptitude Test as per Official Website
2. The Aim is to Test Understanding & Analytical Ability of Students
3. Students are Tested for the Subject-wise Syllabus as follows (Indicative only):  
Stream-SA : Upto Class-XI | Stream-SX: Upto Class-XII | Stream-SB: Upto 1st Year (UG)

#### i) Stream: SA | Class: XI

Sr.#	Subject	Class	Syllabus (Topics & Sub-Topics)
1	Physics	XI	Rectilinear motion, Projectile motion, Relative motion, Newton's law of motion, Friction, Work, power and energy, Circular motion, Centre of mass, Rigid body dynamics, Fluid mechanics, Unit & Dimension, Simple harmonic motion, Sound wave, Kinetic theory of gases and thermodynamics, Calorimetry and thermal expansion, Heat transfer, Measurement error & experiment.
2	Chemistry	XI	Basic concepts of chemistry /redox (Mole-1), Atomic structure, Periodicity, Chemical bonding, Gaseous state, Thermodynamics, Ionic equilibrium, Chemical equilibrium, Redox (Mole-2), s-block, p-block 13,14, Basic organic chemistry (GOC), Hydrocarbon(Alkane, Alkene & Alkyne), Qualitative analysis, Purification of chemistry, Kinetics.
3	Biology	X	Control and Coordination in Animals and Plants, Heridity and Evolution, Reproduction, Life Processes, Our environment.
		XI	Plant Physiology, Diversity of Living Organisms, Cell: Structure and Function, Human Physiology.
4	Mathematics	X	Real Number, Polynomials, Introduction to Trigonometry, Statistics, Quadratic Equations, Probability, Surface Areas & Volumes, Coordinate Geometry, Statistics and Probability.
		XI	Geometry, Mathematical Reasoning, Trigonometric Functions.

#### ii) Stream: SX | Class: XII

Sr.#	Subject	Class	Syllabus (Topics & Sub-Topics)
1	Physics	XI	Rectilinear motion, Projectile motion, Relative motion, Newton's law of motion, Friction, Work, power and energy, Circular motion, Centre of mass, Rigid body dynamics, Fluid mechanics, Elasticity & viscosity, Surface tension, Unit & dimension, Simple harmonic motion, Wave on a string, Sound wave, Kinetic theory of gases and thermodynamics, Calorimetry and thermal expansion, Heat transfer, Measurement error & experiment.
		XII	Electrostatics, Gravitation, Current electricity, Capacitance, Magnetic effect of current & magnetic force on charge or current, Electromagnetic induction, Alternating current, Electromagnetic waves, Geometrical optics, Wave optics, Modern physics-I, Nuclear physics, Semiconductors.
2	Chemistry	XI	Ionic equilibrium, Chemical bonding, Thermodynamics, s-block, Periodicity, p-block 13,14, Basic concepts of chemistry (M1), Atomic structure, Organic chemistry basic principle, Hydrocarbon(Alkane, Alkene & Alkyne), Gaseous state, Chemical equilibrium, Redox (M2).
		XII	Solid state, Solutions, Electrochemistry, Kinetics, Surface chemistry Metallurgy, p-block: 15,16,17,18, d & f block, Stereoisomerism, Coordination compounds, Qualitative Analysis, Haloalkanes and haloarenes, Alcohols, phenols, ethers, Aldehydes and ketones & carboxylic acid, Nitrogen compounds, Biomolecules and polymers, Qualitative, Aromatic Compounds.
3	Biology	XI	Human Physiology, Biology and Human Welfare, Control and Coordination in Animals and Plants, Cell: Structure and Function, Life Processes, Plant Physiology, Diversity of Living Organisms, Reproduction.
		XII	Ecology and Environment, Genetics and Evolution.
4	Mathematics	XI	Trigonometric Functions, Calculus, Coordinate Geometry, Mathematical Reasoning.
		XII	Geometry, Linear Programming, Vectors and 3D Geometry, Relations and Functions, Real Number, Polynomials, Introduction to Trigonometry, Surface Areas and Volumes, Statistics and Quadratic Equations, Probability, Statistics and Probability.

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ii) Stream: SB | Class: 1<sup>st</sup> Year (UG)

Sr.#	Subject	Class	Syllabus (Topics & Sub-Topics)
1	Physics	XIII	Electromagnetic Induction, Physical World and Measurement, Sources of Energy, Refraction, Applications in Daily Life, Kinematics, Laws of Motion, Magnetic Effects of Current, Work, Energy and Power, Gravitation, Thermodynamics, Reflection, Electrostatics, Current Electricity, Electromagnetic Induction & Alternating Current, Waves & Optics, Electricity & Magnetism, Electrostatics, Thermal Physics .
2	Chemistry	XIII	Thermodynamics, Chemical Reactions, Basic Concepts of Chemistry, Periodic Classification of Elements, Carbon compounds, Acids, Bases and Salts, States of Matter: Gases and Liquids, Classification of Elements & Periodicity in Properties, Metals and Non-Metals, Environmental Chemistry, Solid State, Electrochemistry, Chemical Kinetics, Isolation of Elements, Surface Chemistry, Chemical Bonding, Chemistry of Noble Gases, Structure & Bonding, Alkenes, Cycloalkenes, Dienes and Alkynes .
3	Biology	XI	Life Processes, Human Physiology, Control and Coordination in Animals and Plants, Genetics and Evolution, Our Environment, Ecology and Environment, Plant Physiology, Reproduction, Diversity of Living Organisms, Cell: Structure and Function, Biology and Human Welfare, Biotechnology, Genetics.
4	Mathematics	XII	Statistics, Surface Areas & Volumes, Vectors and 3-D Geometry, Calculus, Real Number, Polynomials, Geometry, Introduction to Trigonometry, Quadratic Equations, Probability, Coordinate Geometry, Mathematical Reasoning, Statistics and Probability, Trigonometric Functions, Linear Programming, Relations and Functions., Analytical Geometry in Two Dimensions, Vector Algebra, Evaluation of Integrals.

d) KVPY Aptitude Test - Previous Years' Papers (PYPs):

Sr.#	KVPY Year	Stream	Web-link for KVPY Aptitude Test Paper	<b>Web-Link for Previous Year Papers (PYPs) for various Streams from 2009 to 2020</b>  <a href="http://www.kvpy.iisc.ernet.in/main/index.htm">www.kvpy.iisc.ernet.in/main/index.htm</a>
1	2020	SA	<a href="http://kvpy.iisc.ac.in/main/resources/2020/STREAM_SA.pdf">http://kvpy.iisc.ac.in/main/resources/2020/STREAM_SA.pdf</a>	
		SX	<a href="http://kvpy.iisc.ac.in/main/resources/2020/STREAM_SX-SB.pdf">http://kvpy.iisc.ac.in/main/resources/2020/STREAM_SX-SB.pdf</a>	
		SB	<a href="http://kvpy.iisc.ac.in/main/resources/2020/STREAM_SX-SB.pdf">http://kvpy.iisc.ac.in/main/resources/2020/STREAM_SX-SB.pdf</a>	
2	2019	SA	<a href="http://kvpy.iisc.ac.in/main/resources/2019/STREAM%20SA%203rd%20Nov%202019.pdf">http://kvpy.iisc.ac.in/main/resources/2019/STREAM%20SA%203rd%20Nov%202019.pdf</a>	
		SX	<a href="http://kvpy.iisc.ac.in/main/resources/2019/STREAM%20SB%203rd%20Nov%202019.pdf">http://kvpy.iisc.ac.in/main/resources/2019/STREAM%20SB%203rd%20Nov%202019.pdf</a>	
		SB	<a href="http://kvpy.iisc.ac.in/main/resources/2019/STREAM%20SB%203rd%20Nov%202019.pdf">http://kvpy.iisc.ac.in/main/resources/2019/STREAM%20SB%203rd%20Nov%202019.pdf</a>	
3	2018	SA	<a href="http://www.kvpy.iisc.ernet.in/main/resources/2018/65843038_SA.pdf">http://www.kvpy.iisc.ernet.in/main/resources/2018/65843038_SA.pdf</a>	
		SX	<a href="http://www.kvpy.iisc.ernet.in/main/resources/2018/65843050_SX.pdf">http://www.kvpy.iisc.ernet.in/main/resources/2018/65843050_SX.pdf</a>	
		SB	<a href="http://www.kvpy.iisc.ernet.in/main/resources/2018/65843050_SX.pdf">http://www.kvpy.iisc.ernet.in/main/resources/2018/65843050_SX.pdf</a>	

e) Level of Competition | KVPY Aptitude Test: 2020

Sr.#	Particular	Information
1	Students Registered	Approx. 1.5 Lac
2	Students Appeared (Stage-I) <sup>#</sup>	Approx. 1.1 Lac
3	Total Candidates Awarded KVPY Fellowship <sup>§</sup>	3024 (SA:1041   SX: 1928   SB: 55)
4	Success Rate	2.02%*

<sup>#</sup>Interview Stage was not held due to CoVID-19 Situation | \*Based on Students Registered

<sup>§</sup>Extended Merit List (In Addition to KVPY Fellows): Approx. 5,000 Candidates

No Fellowships for EL Candidates | Rank Certificates only for Extended List (EL) Candidates



## 6. Statistics: About Cut-Off % & No. of Fellowships in Last 5 Years

Sr. No.	Year	No. of Stages & Weightage		Fellowship Stream	Category Cut Off (%)		No. of Fellowship (Gen./SC / ST / PwD)	Total Fellowships	Overall Fellowships (SA+SX+SB)	Total Candidates Appeared	Total Candidates Shortlisted for the Interview	Total Candidates Awarded KVPY Fellowship
		Aptitude Test (I)	Interview (II)		Category	Cut Off %						
1	2020	Yes (100%)	No	SA	GEN./OBC	52%	942	1041	3024	110000 (Approx)	Not Conducted	3024
					SC / ST	40%	95					
					PwD	40%	4					
				SX	GEN./OBC	52%	1791	1928				
					SC / ST	40%	133					
					PwD	40%	4					
				SB	GEN./OBC	47%	50	55				
					SC / ST	35%	5					
					PwD	35%	0					
2	2019	Yes (75%)	Yes (25%)	SA	GEN./OBC	53%	915	1010	3011	100000 (Approx)	4068	3024
					SC / ST	42%	88					
					PwD	42%	7					
				SX	GEN./OBC	55%	1718	1875				
					SC / ST	45%	154					
					PwD	45%	3					
				SB	GEN./OBC	50%	116	126				
					SC / ST	40%	9					
					PwD	40%	1					
3	2018	Yes (75%)	Yes (25%)	SA	GEN./OBC	54%	815	881	2531	97467 (Approx)	3281	2531
					SC / ST	40%	64					
					PwD	40%	2					
				SX	GEN./OBC	52%	1426	1554				
					SC / ST	40%	122					
					PwD	40%	6					
				SB	GEN./OBC	49%	87	96				
					SC / ST	35%	8					
					PwD	35%	1					
4	2017	Yes (75%)	Yes (25%)	SA	GEN./OBC	54%	869	976	3128	100000 (Approx)	4074	3128
					SC / ST	40%	101					
					PwD	40%	6					
				SX	GEN./OBC	52%	1911	2076				
					SC / ST	40%	157					
					PwD	40%	8					
				SB	GEN./OBC	49%	71	76				
					SC / ST	35%	3					
					PwD	35%	2					
5	2016	Yes (75%)	Yes (25%)	SA	GEN./OBC	50%	877	955	2788	91000 (Approx)	3654	2788
					SC / ST	40%	74					
					PwD	40%	4					
				SX	GEN./OBC	57%	1523	1698				
					SC / ST	40%	169					
					PwD	40%	6					
				SB	GEN./OBC	48%	116	135				
					SC / ST	34%	18					
					PwD	34%	1					

## 7. KVPY Aptitude Test 2021: Important Dates

Sr.#	Activity	Information
1	Public Announcement	11 <sup>th</sup> May (Technology Day) & 2 <sup>nd</sup> Sunday of July
2	Opening of Online Application Portal	12 <sup>th</sup> July, 2021 at 05:00 PM
3	Date of Closing of Online Application	28 <sup>th</sup> August, 2021
4	Download Admit Card	2 <sup>nd</sup> Week of October, 2021
5	Examination Date	7 <sup>th</sup> November, 2021
6	Result	December, 2021 (Expected)
7	Where to Apply	<a href="https://cdn.digialm.com/EForms/configuredHtml/956/71792/Registration.html">https://cdn.digialm.com/EForms/configuredHtml/956/71792/Registration.html</a>
8	How to Apply	<b>Step-1:</b> Registration <b>Step-2:</b> Filling Personal and Academic Details, Choosing Test Centres and Uploading Photo, Signature and other Certificates, as Applicable. <b>Step-3:</b> Payment of application fees.
9	More Information	<a href="http://kvpv.iisc.ac.in/main/resources/2021/Detailed-advt-2021.pdf">http://kvpv.iisc.ac.in/main/resources/2021/Detailed-advt-2021.pdf</a>
10	Contact Details	<b>Mailing Address:</b> The Convener, Kishore VaigyanikProtsahan Yojana (KVPY), Indian Institute of Science Bangalore-560012 <b>Telephone:</b> (080) 22932975 / 76, 23601008, 22933537 <b>Email:</b> For Application related queries: <a href="mailto:applications.kvpv@iisc.ac.in">applications.kvpv@iisc.ac.in</a> For Fellowship related queries : <a href="mailto:fellowship.kvpv@iisc.ac.in">fellowship.kvpv@iisc.ac.in</a>

## 8. Colleges/Institutions which Consider KVPY Fellowship Winners for Admission

Sr.#	College/Institutions	Course/ Degree Duration	No. of Seats	No. of Seats Reserved for KVPY Fellows	KVPY Aptitude Test & Fellowship Winners Eligibility	All India Rank Cut-Off for Admission Session 2020-21 (AIR in KVPY Aptitude Test 2020)
1	Indian Institute of Science (IISc), Bengaluru (Karnataka)	B.S. (Research) Program <hr/> 4 Years	120	Not Fixed	KVPY Fellowship Winners can apply along with other Exams like JEE (Main), JEE (Advanced) & NEET (UG)	<b>Stream SA:</b> GEN: 1-220   EWS: 1001-1717   OBC-NCL: 835-1717 SC: 60   ST: 15   PwD: 01 <b>Stream SX/SB</b> GEN: 1-220   OBC/NCL: 835 -1717   EWS: 1001-1717 SC: 60   ST: 15   PwD: 02
2	Indian Institutes of Science Education and Research (IISERs) Kolkata, Pune, Mohali, Bhopal, Thiruvananthapuram, Tirupati, Berhampur	BS-MS Dual Degree Program <hr/> 5 Years	1849	Upto 25%	KVPY Fellowship Winners can apply through KVPY Channel  Other Channels are JEE (Advanced) & IISER-AT	<b>Stream SA:</b> GEN: 801-942   OBC-NCL: 192-939 SC: 91-141   ST: 86-86 <b>Stream SX</b> GEN: 1713-1714   OBC-NCL: 621-1702 SC: 154-154   ST: 121-121 <b>Stream SB</b> GEN: 63-63   OBC-NCL: 89-89 SC: 6-6   ST: NA
3	International Institute of Information Technology, Hyderabad (IIIT-H)	B.Tech. & MS (Dual Degree) by Research Program <hr/> 5 Years	300+	15	Students with KVPY All India Rank (AIR) of 5000 or Better can Apply	Among such Applicants, The Top 100 will be Eligible for Interview. (Such Applicants are Eligible for only Selected Programs)

## 9. KVPY Aptitude Test: How to Prepare?

Sr.#	Particular	Information
1	Subjects	Physics   Chemistry   Mathematics   Biology
2	Syllabus (Class/Level/Standard)	X, XI, XII & XIII (Stream -wise)
3	Books	NCERT Books for X, XI & XII & Text Books for XII+
4	Target	KVPY Fellowship Cut-Off% (Stream & Category-wise)
5	Domain Focus	Focus on the Subject of Your Domain (PCM OR PCB)
6	Routine & Study Plan	One must formulate a well-planned study routine to ensure that an appropriate amount of time is set aside for each subject and that no subject goes untouched.
7	Previous Years' Papers (PYPs)	Download <a href="http://www.kvpy.iisc.ernet.in/main/index.htm">http://www.kvpy.iisc.ernet.in/main/index.htm</a> & Practice
8	Coaching Support	○ Study Material ○ Workshops ○ Mock Testing ○ Live Classes ○ Counselling
9	Time Management	Manage your time wisely by following a proper study plan. Make sure you prepare your strategy keeping in mind all the subjects. Go for conceptual clarity rather than just mugging up.
10	Attitude	Setting a specific target and achieving the same will infuse confidence and prepare for the D-Day.

## 10. Frequently Asked Questions (FAQs)

Sr.#	Question	Answer
1	What is the KVPY 2021 Examination/Aptitude Test?	Kishore Vaigyanik Protsahan Yojana (KVPY) is a national level scholarship/fellowship program. It aims to promote scientific minds and encourage them to opt for a career in the field of Science. It is funded by the Department of Science and Technology of the Government of India. The exam is conducted by Indian Institute of Science, Bangalore.
2	Can a Student take Computer Based Test (CBT) in Hindi?	Yes
3	Is it necessary that the students have to study all the four subjects i.e. PCB&M?	In the Stream-SA all questions are compulsory (Science and Mathematics). In respect of the streams SB and SX, there will be four sections in Part I (Physics, Chemistry, Biology and Mathematics) and four sections in Part II (Physics, Chemistry, Biology and Mathematics). Candidates may answer any THREE of the four subjects in Part I and any TWO of the four subjects in Part II. In case candidate attempts more sections, best of three in Part I and best of two in Part II is considered.
4	Can a Student avail the KVPY Fellowship along with a merit scholarship?	KVPY does not allow its Fellows to receive simultaneously fellowship /scholarship from more than one source, either government or private. In case they are in receipt of any other fellowship or scholarship, they will have to relinquish it in order to avail the KVPY Fellowship.
5	Whom should a Student contact in case of Examination centre related queries?	The students can send their queries through e-mail which will be answered.
6	When does the KVPY advertisement come in the newspapers?	The advertisement for the KVPY Fellowship appears in all the national dailies on the Technology Day (May 11) and on the second Sunday of July every year.
7	Can a Student write the KVPY exam again even after qualifying the first time?	Yes, you can appear in the examination again to improve your marks.
8	Can a Student ask his/her School/College authorities to request bulk applications for KVPY, as many of his/her classmates want to apply for KVPY?	Each student has to apply online separately. KVPY will not accept any bulk applications.
9	From where can a Student get his/her user ID and password if he/she forgot them?	KVPY shares your user ID and password on your email ID and text you the same on your registered mobile number.
10	What are the necessary documents required to fill the KVPY application form?	A list of documents is provided below. Students are required to submit these documents in soft copy while filling the form: <ul style="list-style-type: none"> <li>○ Scanned copy of the student's photograph and signature in the prescribed format</li> <li>○ Scanned copy of the caste certificate for SC and ST (if applicable).</li> <li>○ Medical certificate for PWD in pdf format (if applicable).</li> </ul>

