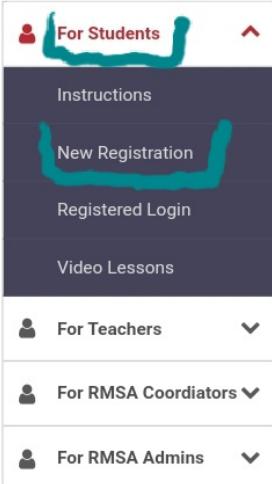


Open Gyanshala Website

Open <http://gyanshala.hp.gov.in/> on any web browser



Samagra Shiksha – An integrated scheme for school education

Samagra Shiksha—an integrated scheme for school education is a centrally sponsored scheme, formulated by the Department of School Education and Literacy from the year 2018-19. It ensures quality education at all levels of school education. There are many strategies to enhance the learning outcomes at all levels of schooling. Swyamsidham Project ([Gyanshala](#))is one of its components. It has been created for the benefit all the stakeholders (especially from 9th to 12th classes) and to make them techno friendly. It has many developed features as download books, tutorials through Videos Lessons, Notes, Question Banks, and MCQ Tests for self assessment and On –Line Tests/surveys etc.

Students can register by clicking here

The site provides the interactive support to the teachers and the taught to share ideas, training schedules/teacher's handbooks, classroom processes (Lesson Plans) and chapter-wise notified Learning Indicators (9th and 10th classes) lesson plans/presentations, basic and advanced level notes and question bank of Root Stage, Take-Off-Stage, Smart Stage, Intelligent Stage and Genius stage for the classes of 9th to 12th. The facility of on-line test /survey has also been integrated into it. Joint venture of all the teachers, heads, resource persons, Samagra Shiksha HP, Educational Administrators has culminated into establishment of the portal i.e. ([Gyanshala](#)) so that all the help is readily available to all, inside and outside the school campus.

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Registration

[Registration details](#)

[Click on “For Students”](#)

[Than Click on “New Registration”](#)

The screenshot shows the official website of the Swayam Siksham Himachal Pradesh program. The header features the logo of the program, the text "स्वयं सिक्षम हिमाचल प्रदेश" (Swayam Siksham Himachal Pradesh) in Hindi, and the motto "गण्डीय माध्यमिक शिक्षा अभियान" (Gandhiyan Madhyamik Shiksha Abhiyan). Below the header is a navigation bar with links to Home, About Us, Organisation, Circulars & Orders, Annual Report, and Contact Us.

The main content area is titled "Student Registration". On the left, there is a sidebar with dropdown menus for "For Students" (Instructions, New Registration, Registered Login, Video Lessons), "For Teachers", "For RMSA Coordinators", and "For RMSA Admins".

The "Student Registration" form starts with a "General Information" section containing fields for First Name, Middle Name, Last Name, Nick Name, Roll Number, Email, New Password, Confirm Password, Date of Birth, and Gender (Male, Female, Other). Below this are dropdown menus for Father's Name, District, Block, Tehsil, School, Class, and Stream. There is also a checkbox for "Permission to Submit Post" and a reCAPTCHA verification box.

At the bottom of the registration form is a "Register" button.

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Fill all the necessary information

Than click on "I'm not a robot"

For Roll Number you can add your zero+Roll Number

For example if your Roll Number is 9 and you are studying in 10th class than you can fill your Roll Number as 09....

we will get this kind of message.

The screenshot shows the homepage of the Swyam Siddham Himachal Pradesh website. At the top, there is a logo of an open book with a lightbulb inside, set against a blue background with mountains. The text "स्वयं सिद्धम हिमाचल प्रदेश" is written in Devanagari script. Below the logo, there is a banner featuring three cartoon children. To the right of the banner, a green box contains the text: "Registration success. A verification email and login details have been sent. Check your email". This message is circled in red. Below the banner, there is a navigation menu with links: Home, About Us, Organisation, Circulars & Orders, Annual Report, and Contact Us. On the left side, there is a sidebar with dropdown menus for "For Students", "For Teachers", "For RMSA Coordinators", and "For RMSA Admins". The main content area has a yellow header box titled "Samagra Shiksha – An integrated scheme for school education". Below this, there is a detailed description of the Samagra Shiksha scheme, followed by a blue button labeled "Students can register by clicking here". Further down, there is another text block about the site's purpose and a "Disclaimer" section at the bottom.

Samagra Shiksha – An integrated scheme for school education

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After getting this message we have to go to our email to get our account activated.



noreply-gyanshala

7:12 pm

Gyanshala Support: User Registration De...

Thank you for registering on Gyanshala....



Google

21 Feb

Learn more about our updated Terms of...

vsanspal1990@gmail.com Updating Our...



YouTube

09/11/2019

Changes to YouTube's Terms of Service

YouTube We're updating our Terms of Ser...



We will get this type of email, we have to open this mail and there would be a link in it.

We have to click on this link for activating our Gyanshala account

Gyanshala Support: User Registration Details



N

noreply-gyanshala@h...

Inbox

7:12 pm



to me ▾

Thank you for registering on
Gyanshala.

Please activate your account by
clicking this link

[http://gyanshala.hp.gov.in//email-
verify/student/](http://gyanshala.hp.gov.in//email-verify/student/)

19d0a6f00907419bd87c91bbb3dd2160-
dnlyQVpKN1JHQ1M0S2IrNHRYbmlUT
09

Once your account is activated you
can use the below user name and
password to login.

Link: [http://gyanshala.hp.gov.in/
student-login](http://gyanshala.hp.gov.in/student-login)

Username: **XXXXXX**

Password: **XXXXXX**

EMAIL VERIFIED!

Your email is verified and account activated. Please use your id and password to login

[Click here to go home page](#)

After clicking on link we will get this and now our account is activated.

Now we can **Login** to our account.

Go to "For Students again "

Now go to "Registered Login"

RMSA: Login Screen

Authorized login

User Name:

Password:

I'm not a robot 
reCAPTCHA
Privacy - Terms

[Forget password](#) [Login](#)

New Registration

Please enter your Registered email as your User Name and your password set by you as your Password. The account will be locked after 3 unsuccessful attempts and you'll have to contact the administrator to have it unlocked.

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Enter your user name which is your email id.

And enter your password.

And then click Login.



स्वयं सिद्धम हिमाचल प्रदेश

राज्यीय माध्यमिक शिक्षा अभियान



पढ़े चलो, बढ़े चलो

Home About Us Organisation Circulars & Orders Annual Report Contact Us Logout



- [For Students](#)
- [Resource Material](#)
- [Other Links](#)

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After login we will get this page.

Click on “For Students”

Home About Us Organisation Circulars & Orders Annual Report Contact Us Logout

Your Profile	
Roll Number	2050405102-1009
Name	Arun Guleria
Gender	M
Father Name	Misru Ram
Mobile Number	(Not visible)
Email	vsanspal1990@gmail.com
DOB	2006-08-21
School Name	GSSS JAI DEVI
District	Mandi
Tehshil	SUNDARNAGAR
Class	X

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Now click on "Profile"

You will get your whole information.

If u want to change your password

Go to "For Students"

Click on "Change Password"

The screenshot shows the official website of the State Resource Centre for School Education, Himachal Pradesh. The header features the state emblem, the name 'स्वयं सिद्धम हिमाचल प्रदेश' (Swayam Sikhdum Himachal Pradesh) in Devanagari script, and the motto 'राष्ट्रीय माध्यमिक शिक्षा अभियान' (National Medium of Instruction Movement). Below the header is a navigation bar with links: Home, About Us, Organisation, Circulars & Orders, Annual Report, Contact Us, and Logout. A sidebar on the left, titled 'For Students', includes links for Instructions, Change Password (which is circled in red), Profile, Video Lessons, Resource Material, and Other Links. The main content area is titled 'Update Student Profile' and contains a 'Change password' form with fields for Current Password, New Password, and Confirm Password, along with an 'Update' button. At the bottom, a disclaimer states: 'Disclaimer: The Website Has Been Designed And Developed By H.P.I.E And The Content On This Website Is Published And Managed By The HP Education Department, Who Is Responsible For Updating Website Content. The Content Provided Is Informative Only. Neither Education Department Nor H.P.I.E Is Responsible For Any Inadvertent Errors. For Any Query Related To This Website, Please Contact RMSA Officer At Directorate Of Higher Education, Shimla - 171001 (HP)'.

Now enter the desired information and click on update.

Go to "For Students"

स्वयं सिद्धम हिमाचल प्रदेश
राष्ट्रीय माध्यमिक शिक्षा अभियान

पढ़ जाना बढ़ जाता

Home About Us Organisation Circulars & Orders Annual Report Contact Us Logout

For Students

Instructions
Change Password
Profile
Video Lessons
Resource Material
Other Links

Youtube Videos

Title & Description: Title or Description Topic: Search by Topic Sub Topic: Search by Sub-Topic

Recommendation: Search by Recommendation Subject: Search by Subject Class: Select Class

Language: Select Instructor: Search by Recommendation Clear Search

परागण
कीटों और हमा द्वारा ...
For : 10th
Description :

inpirational video
For :
Description : Motivation in Lock down

Mole Concept
For :
Description : Mole concept

pH
For :
Description : pH and pH Scale of acids and bases

1 2 3 Next » Last

Showing 1 to 4 of 507

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Than Click on "Video Lesson"

We will get videos of our Class, we can also search videos here....

The screenshot shows the homepage of the Swami Sankaracharya Sanskrit Peetha website. The top navigation bar includes links for Home, About Us, Organisation, Circulars & Orders, Annual Report, Contact Us, and Logout. Below the navigation is a banner featuring the text "स्वामी संकारचार्य संस्कृत प्रैदेशिक शिक्षा अधियान संस्था" and "राज्यीय माध्यमिक शिक्षा अधियान". The main content area is titled "File List" and displays a table of uploaded files. The table has columns for Index, Title, File, Type, Group, and Category. The first few rows show entries like "Cell Structure and function" (pdf, BIOLOGY-GRP, EBOOKS), "Human embryogenesis" (pdf, BIOLOGY-GRP, EBOOKS), and "notes on binomial theorem" (pdf, MATHS-GRP, SHORT-NOTES). Each row includes a "View More" link. At the bottom of the table, it says "Showing 1 to 10 of 75 entries (filtered from 224 total entries)" and provides navigation links for First, Previous, Next, and Last.

Go to "Resource Material"

Than click on "View Resource Material"

Here we will find various PDFs of our study material and we can search any material according to our need.

The screenshot shows a website interface for 'स्वयं सिक्षण हिमाचल प्रदेश' (Self-Learning Himachal Pradesh). The main menu includes Home, About Us, Organisation, Circulars & Orders, Annual Report, Contact Us, and Logout. On the left, a sidebar for 'For Students' contains 'Resource Material' (selected), 'Student User Manual', 'View Resource Material', 'Download Ebooks', 'Download Question Papers', 'Download Syllabus', 'Quiz Results', and 'Other Links'. The central 'File List' section displays a table of study materials. A yellow circle highlights the 'Human embryogenesis' entry in the second row. The table columns include Index, Title, File, Type, Group, and Category. Other visible entries include 'Cell Structure and function', 'notes on binomial theorem', 'Basic notes Complex Numbers', 'Human Embryology', and 'Basic notes Human Physiology'.

Open with



Chrome



Drive

Just once

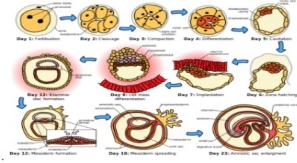
Always

When we will click on any file on mobile we have to choose Chrome or Drive to open the file.

Human embryogenesis

Embryology

- Definition: the study of the origin and development of an organism
- Prenatal period: before birth
 - 38 weeks from conception to birth (average)
 - "fetal" age
 - Gynecologic timing has been from LMP therefore refers to 40 weeks "gestational" age
 - = Date of conception has been difficult to time
 - = LMP is on average two weeks before ovulation



The initial stages of human embryogenesis.

Human embryogenesis is the process of **cell division** and **cellular differentiation** of the **embryo** that occurs during the early stages of **development**. In biological terms, human development entails growth from a one-celled **zygote** to an adult **human being**. **Fertilisation** occurs when a **sperm cell** (male gamete) enters and fuses with an **egg cell** (ovum). The genetic material of the sperm and egg then combine to form a single cell called a zygote and the **germinal stage** of **prenatal development** commences.¹⁴ Embryogenesis covers the first eight weeks of development; at the beginning of the ninth week the embryo is termed a **fetus**.

Human embryology is the study of this development during the first eight weeks after

fertilisation. The normal period of **gestation** (pregnancy) is nine months or 38 weeks.

The germinal stage refers to the time from fertilization through the development of the early embryo. **Implantation** is completed in the embryo. The germinal stage takes around 10 days.¹⁵ During this stage, the zygote begins to divide, in a process called **cleavage**. A **blastocyst** is then formed and implanted in the **uterus**. Embryogenesis continues with the next stage of **gastrulation**, when the three **germ layers** of the embryo form in a process called **histogenesis**, and the processes of **neurulation** and **organogenesis** follow.

In comparison to the embryo, the fetus has more recognizable external features and a more complete set of developing organs. The entire process of embryogenesis involves coordinated spatial and temporal changes in **gene expression**, **cell growth** and **cellular differentiation**. A nearly identical process occurs in other species, especially among **chordates**.

Germinal stage

Fertilization

Fertilization takes place when the **spermatozoon** has successfully entered the ovum and the two sets of genetic material carried by the **gametes** fuse together, resulting in the zygote (a single **diploid** cell). This usually takes place in the ampulla of one of the **fallopian tubes**. The zygote contains the combined genetic material carried by both the male and female gametes which consists of the 23 chromosomes from the nucleus of the ovum and the 23 chromosomes from the nucleus of the sperm. The 46 chromosomes undergo changes prior to the **mitotic division** which leads to the formation of the embryo having two cells.

Successful fertilization is enabled by three processes, which also act as controls to ensure

Cleavage

The beginning of the **cleavage** process is marked when the zygote divides through **mitosis** into two cells. This mitosis continues and the first two cells divide into four cells, then into eight cells and so on. Each division takes from 12 to 24 hours. The zygote is large compared to any other cell and undergoes cleavage without any overall increase in size. This means that with each successive subdivision, the ratio of nuclear to cytoplasmic material increases.¹⁴ Initially the dividing cells, called **blastomeres** (*blastos* Greek for sprout), are undifferentiated and aggregate into a sphere enclosed within the membrane of **glycoproteins** (called the **zona pellucida**) of the ovum. When eight blastomeres have formed they begin to develop **gap junctions**, enabling them to develop in an integrated way and co-ordinate their response to physiological signals and environmental cues.¹⁵

When the cells number around sixteen the solid sphere of cells within the zona pellucida is referred to as a **morula**.¹⁶ At this stage the cells start to **bind** firmly together in a process called

Chosen file open up and we can read about the topic.

Index	Title	File	Type	Group	Category	Comment / Review
	Cell Structure and function	Cell Structure and function	pdf	BIOLOGY-GRP	EBOOKS	
	Reviews:	★★★★★ View Reviews <div style="background-color: black; color: white; padding: 2px 5px;"> Hit count 49 Student view 13 </div>				
	Description: Biology					
	Human embryogenesis	Human embryogenesis	pdf	BIOLOGY-GRP	EBOOKS	

Showing 1 to 2 of 2 entries (filtered from 224 total entries)

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Go to "Resource Material"

Than click on "Download EBooks"

Home About Us Organisation Circulars & Orders Annual Report Contact Us Logout

Index	Title	File	Type	Group	Category	Comment / Review	Reviews
	Question Paper		pdf	BIOLOGY-GRP	Q-PAPERS		View Reviews

Show 10 entries Search: []

Index Title File Type Group Category Comment / Review Reviews

Showing 1 to 1 of 1 entries (filtered from 224 total entries) First Previous Next Last

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Go to "Resource Materials"

Than click on "Download Questions Papers"

File List

Tag: Search data by tag Subject : Select Class : Select

Show 10 entries Search:

Index	Title	File	Type	Group	Category	Comment / Review	Reviews
	Biology Syllabus	Biology Syllabus	pdf	BIOLOGY-GRP	SYLLABUS		

Index Title File Type Group Category Comment / Review Reviews

Showing 1 to 1 of 1 entries (filtered from 224 total entries) First Previous 1 Next Last

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Go to "Resource Materials"

Than click on "Download Syllabus"