



# GASTRONOMY OF INDIAN CUISINE

By **Srabanti Chakraborty,**

Assistant professor at Tjohn College, Bangalore, India

**Abstract:** Traditional Indian foods have been prepared for numerous times and medication varies across the country. Traditional wisdom about processing of food, its preservation ways, and their remedial goods have been established for numerous generations in India. Food systems can deliver multitudinous natural functions through salutary factors in the mortal body. Indian traditional foods are also honored as functional foods because of the presence of functional factors similar as body-mending chemicals, antioxidants, salutary fibres, and probiotics. These functional notes help in weight operation, and blood sugar position balance and support impunity of the body. The functional parcels of foods are farther enhanced by recycling ways similar as sprouting, malting, and turmoil. At different stages of life, the constitution of the mortal body changes and it requires unique eating habits to sustain normal physiological functions. As indicated by these different stages, our ancestors had different foods that were healthy and nutritionally thick. Dating back to Indian societies and Indian old literature, vice like Bhagavad-Gita, Ramayana, and Manu Smriti, every community that lived in India had a clear and separate food belief system. utmost of these, still, have been told by Aryan beliefs and practices. According to Aryan belief, food was considered as a source of strength and a gift from God. According to ayurvedic generalities, food is responsible for different aspects of an individual including physical, temperamental, and internal countries. To stay healthy, maintaining a stable healthy diet routinely is essential. The body absorbs the nutrients as the result of digestion. The study focuses on the different aspects of food which are consumed all over the country which are specific and limited to the place of origin and tastes of people residing in such environment but at the same time has scientific reasons behind the ingredients used in the dishes and also has resemblance to other dishes which can be consumed as substitutes in other parts of the country as well bringing out the same effect when its being consumed.

## INTRODUCTION

Indian cookery consists of a variety of indigenous and traditional cookerries native to India. Given the diversity in soil, climate, culture, ethnical groups, and occupations, these cookerries vary mainly and use locally available spices, sauces, vegetables, and fruits. Indian food is also heavily told by religion, in particular Hinduism and Islam, artistic choices and traditions. literal events similar as irruptions, trade relations, and colonialism have played a part in introducing certain foods to this country. The Columbian discovery of the New World brought a number of new vegetables and fruit to India. A number of these similar as potatoes, tomatoes, chillies, peanuts, and guava have come masses in numerous regions of India. Indian cookery has shaped the history of transnational relations; the spice trade between India and

Europe was the primary catalyst for Europe's Age of Discovery. Spices were bought from India and traded around Europe and Asia. Indian cookery has told other cookerries across the world, especially those from Europe (especially Britain), the Middle East, Southern African, East Africa, Southeast Asia, North America, Mauritius, Fiji, Oceania, and the Caribbean. The Ayurveda contains a wealth of knowledge on health lures. Consequently, traditional foods and their salutary guidelines are specified in Ayurveda. There's so important similarity in ayurvedic dietetics and traditional foods that numerous of the traditional health foods in India can be called ayurvedic foods. This review composition introduces the generalities of ayurvedic health foods in India and describes several traditional heath foods across colourful regions of India

## Indian View About Health Foods.

Aryans are a miscellaneous group of people who lived in different corridor of ancient India. They migrated from Indo – Iranian borders with their societies and customs. The early stage of their agreement with their religious tradition in India is known as the Vedic period. latterly the ruling classes in their regions were drawn to the Vedic religion. In the Vedic period, knowledge, prayers, religious songs, and runes were written, which came to be known as Vedas. Aryans believed that food wasn't simply meant for body aliment, but was the introductory part of a cosmic moral cycle. Barley came the Aryans' original chief food, and is also mentioned in the Rigveda latterly textbooks mention wheat, lentils, millets, and sugarcane. The most popular lentils used were red lentils, green lentils, and black lentils. Apupa is a form of cutlet prepared by frying barley. Kichadi made from rice together with lentils or dal is largely nutritional. Aryans knew about rice civilization; parched rice and cereals were a common system of processing during their period. Lentils and rice were the combinations of reciprocal nutritive rudiments consumed by Aryans. The literature of Buddhists and

Jains reveal the expansive use of rice and its gruel. During the Jain period, cloth was soaked in milk and dried to yield a reconstituted product called chollas.

Traditionally, Indian foods are classified into three main orders. Cooked vegetables, milk, fresh fruits, and honey are meant for the truly wise and are considered as Satvika foods.

Food is specific to season. India has six different seasons, videlicet vasanta ritu (spring), grishma ritu (summer), varsha ritu (thunderstorm), sharad ritu (afterlife), hemanta ritu (fall downtime), and shishira ritu (downtime). Studying and knowing about seasons is important to make an effective diet plan for an individual and hence in this review, trouble is made to give the details of individual foods and their seasonal operation.

### Concepts Of Ayurveda In Health Foods

Ayurveda is a traditional system of drugs native to India. In Ayurveda, regulation of diet is pivotal, since it examines the whole mortal body as the product of food. Ayurveda illustrates how an existent can recoup by establishing the connection between rudiments of life, food, and body.

But Ayurveda states that the food first converts into rasa (tube), and also followed by consecutive conversion into blood, muscle, fat, bone gist, reproductive rudiments, and body fluids. Imbalance of mind, body, and spirit are appertained to as conditions.

## REVIEW OF LITERATURE

Using a selective literature survey, research papers published in the research journals that shows that presently there are many other alternatives and substitutes which can be consumed throughout the country and every dishes and drinks have different impact on different people irrespective of the place from where one belongs.

From circa 4500 to 1900 BC the autocrats of Lower Mesopotamia were Sumerians who spoke anon-Indo-European andnon-Semitic language, may have originally come from India and may have been related to the original Dravidian population of India. By 3000 BCE, turmeric, cardamom, black pepper and mustard were gathered in India. arly diet in India substantially comported of legumes, vegetables, fruits, grains, dairy products, and honey.( citation demanded) chief foods eaten moment include a variety of lentils( dal), whole- wheat flour( atṭa), rice, and plum millet( bājra), Over time, parts of the population embraced vegetarianism during the Śramaṇa movement while an indifferent climate permitted a variety of fruits, vegetables, and grains to be grown throughout the time.

### Middle Ages To The 16th Century

During the Middle periods, several Indian dynasties were predominant, including the Gupta dynasty. trip to India during this time introduced new cuisine styles and products to the region, including tea. India was latterly raided by lines from Central Asian societies, which led to the emergence of Mughlai cookery, a blend of Indian and Central Asian cookery. Emblems include seasonings similar as saffron







Colonial Period

The Portuguese and British during their rule introduced cuisine ways similar as baking, and foods from the New World and Europe. The new- world vegetables popular in cookery from the Indian key include tomato, potato, sweet potatoes, peanuts, squash, and chilli. utmost New World vegetables similar as sweet potatoes, potatoes, Amaranth, peanuts and cassava grounded Sago are allowed on Hindu fasting days. Cauliflower was introduced by the British in 1822.

Ayurveda categorizes tastes into six behavioural orders. The introductory rudiments of sweet food are substantially earth and water. They tend to be heavy and wettish, so they give heaviness and humidity to the body. Sour tasting food has earth and fire as the introductory rudiments. It stimulates the digestive system and provides warmth to the body. Salty food, primarily conforming of fire and water, promotes digestive vigour and stimulates retention of water in the body. redundant swab, still, may beget symptoms of dehumidification. Pungent food is made up of air and fire. These rudiments are set up in great proportions in mustard, chilli, pepper, onions, garlic and other hot spices. Bitter food has ether and air as introductory rudiments; it provides coolness and buoyancy. similar foods balance the wettish, heavy, and hot rates of sweet, salty and sour food particulars. Eventually, tangy food comprises air and earth. It has cooling and drying effect on the body. Astringency apropos, is set up in callow bananas, pomegranate, and berries of different kinds. Each taste has a subtle emotional and internal effect.

### Nine Aspects Of Ayurveda

A well- balanced diet, according to the principles, should contain good rice carried from the paddy field, green gram, green vegetables, gemstone swab, barley, milk and ghee honey and hygienically collected rainwater. These prescribed food particulars give the body with necessary carbohydrates, proteins, fats, minerals and vitamins. All cookerries subscribe to the ayurvedic values so far as they are balanced.

TASTE	Elements	Source examples	VĀTA	PITTA	KAPHA
<b>SWEET (madhura)</b>		Honey, rice, sugar, nuts, fruit, carbohydrates, grains, natural sugars, milk	↓	↓	↑
<b>SOUR (amla)</b>		Yogurt, citrus fruits, ascorbic acid, vitamin C, vinegar, cheese, fermented foods	↓	↑	↑
<b>SALTY (lavana)</b>		Seaweed, tamari, table salt, sea salt, sea vegetables	↓	↑	↑
<b>PUNGENT (katu)</b>		Cayenne, chile pepper, black pepper, ginger, garlic, herbs and spices	↑	↑	↓
<b>BITTER (tikta)</b>		Turmeric, dark leafy greens, herbs and spices	↑	↓	↓
<b>ASTRINGENT (kashāya)</b>		Alum, green banana, legumes, raw fruits and vegetables, herbs	↑	↓	↓

Five elements and doshas

Heavy	Cheese, Meat, Beans
Light	Rice, Popcorn, Sprouts, Caffeine
Cold	Ice Cream, Chilled Milk, Mint
Hot	Chilli Pepper, Alcohol, Tobacco
Oily	Cheese, Avocado, Olive Oil, Coconut
Dry	Millet, Rye, Dry Cereal
Slow	Meat, Yoghurt
Sharp	Onions, Garlic
Stable	Ghee
Mobile	Alcohol, Sprouts, Popcorn

Attributes Of Certain Foods

### METHODOLOGY

The study reviewed the research papers published in the leading peer-reviewed journals using the selective literature survey. The research papers were selected with the keyword Indian gastronomy and food habits. All the identified research papers with factors influencing the Indian cuisine and its gastronomy were selected, and content analysis was done. After the content analysis, the major factors, identified and proper review were stated. This review explores the datas which are available as literature and after proper comparisons the conclusions are drawn.

### FINDINGS

Cuisine differs across India's different regions as a result of variation in original culture, geographical position (propinquity to ocean, desert, or mountains), and economics. It also varies seasonally, depending on which fruits and vegetables are ripe.

If we compare between a North -Indian and a South-Indian thali may be the food habits are different from each other but the ingredients used may have similarities or one can also find that the ingredients differ in the texture or taste but both will have similar effect on human body. Let us take the example of a Punjabi thali and a Kerala thali.

- A Punjabi thali is very rich and also at the same time very delightful as the cuisine gives the priority on the use of ghee over oil and also loaded with lots of varieties of breads using various cereals and millets even a bowl of dal is also served with a dollop of ghee or butter depending on the dish. Spinach or methi leaves can also be seen popularly used in most of the dishes, lassi or Buttermilk, paneer are also very common dairy products which are on the menu of a simple Punjabi thali whereas the Karelian cuisine consists of food cooked in coconut oil and coconut milk, rice is being very famous in the cuisine and can find its uses in numerous dishes be it Idli, Dosa or payasam. Sambar and Rasam can be regarded as replacement of Dal or lentil in Kerala cuisine while raita is also popular choice included in the meal followed by a sweet which can be a paysam whereas in North-Indian cuisine people mostly prefers Phirni both are made from milk and rice.
- In every cuisine we can see that there is a balance of food according to the climatic conditions and also it prepares the body to function according to the body needs say for example :

### Grain-based traditional health foods

In Indian history we can discover disparate granules exercised by our ancestors. Some of the traditional grain-grounded health victuals with their active and health advantages are banded below.

#### Idli

Idli is a fermented product prepared from rice and black gram batter by brume cuisine. Idli is a undyed colored, fragile, round, and squooshy product. Leavening is the primary ideal of turmoil in idli medication.

Kadubu( plate idli) is another type of idli prepared by storming idli batter in a plate, hence the kadubu is voluminous..

Grain-grounded traditional health victuals which are still incorporated in diets by various states but if we closely observe we can find the similarities in the making process where the main technique of preparing the food is mostly same but the nature of the ingredients are different but the resultant dishes have the same properties and health benefits since people of various states have been consuming their own food so people have the believe that only their dish has the ability to provide the health benefits. Let us have a close look in this regard-

#### Dosa

Dosa is a fermented dish like idli substantially set up in the south Indian region. It's a largely seasoned hotcake, contains rice and black gram as primary constituents.

In the state of Odisha, the dish called chakuli resembles dosa.

#### Ambali

Ambali is a cutlet millet-grounded fermented semi-liquid product of south Indian countries, Karnataka and Tamil Nadu. It consists of sufficient quantum of calcium and is a healthy drink for senior people.

**Ragi** hurihittu is another example which is a millet based dish which is benefiacial to diabetic patients

#### Enduri pitha

Enduri pitha is a flavoured cutlet, prepared by fermented batter of parboiled rice and black gram in a turmeric splint and is eaten in the state of Odisha, prepared during the prathamastami jubilee.

#### Dhokla

Dhokla is autochthonous probiotic breakfast food set up substantially in Gujarat country..

#### Hawaijar

Hawaijar is an alkaline-fermented soybean product devoured daily as a source of protein in Manipur

#### Selroti

Selroti is a rice-grounded fermented food, which is squooshy and ring shape. It's devoured in Sikkim and Darjeeling. The nutritional value of selroti is analogous to idli and has good quantum of digestible proteins.

### Fruit-

**Mango:** The functional parcels of

Mango

This is a special traditional dish of Tamil Nadu prepared during Tamil New Year

Mango peel chutney

Mango peel chutney is a traditional food set up in south Karnataka. grew or unripened mango peels are used for the medication of chutney similarly in North India amchur powder is popularly added in foods..

### Bitter gourd

Bharwan karela is a health product prepared from bitter gourd prepared in western parts of India whereas In East India it is popularly used

in

curries.

### Saag

In every cuisine we can find there are set of lushy leafy vegetables which are consumed be it sarson ka saag in Northern states or in the south

Mulai keerai masail is prepared in the Tamilnadu state of India but indigenous names are different in Andhra Pradesh it's known as thotakura pappu, in Kerala it's named cheera thoran.

### Dahi( Indian yoghurt)

Chilika curd is a region-specific food; it can be set up in Odisha state in India and has longer shelf life than normal dahi.

Rabdi is a notorious dairy medication in the north-west part of India. It's a lactic acid-instigated milk product with plum millet, which is helpful in managing noninsulin dependent diabetes mellitus, where primary cause is associated with interruption in carbohydrate

metabolism.

Ginna

Ginna is a colostrum-grounded Indian sweet. It's also known as junnu, posu, or kharvas in different regions of India.

Sandesh

Sandesh is a protein-rich Indian milk product prepared by heat and acid coagulation.

Lassi

Lassi is a probiotic product due to the presence of L. acidophilus, and S. thermophiles as active societies. Grounded on the use of constituents in lassi, it's classified as salty lassi or sweet lassi. Bhang lassi is a special type of lassi prepared using the excerpt of cannabis factory leaves. It's made especially during Holi and Shivarathri jubilee season. Bhang lassi

demonstrates health benefits due to the presence of cannabis factory excerpts, which help in relieving digestive problems, skin-related problems, fever, and sunstroke.

Buttermilk. It has lower fat content and smaller calories compared with regular milk or dahi. Buttermilk is as rich a source of calcium and protein as milk. In the countries of Gujarat and Rajasthan of India.

Now let us have a look on the different types of beverages being consumed in different parts of the country - Some of the Assorted drinks being consumed in different parts of our country are as follows:

- Aam panna – made from raw mango is very popular in the northern parts and Eastern parts as well in summer season and keeps the body cool and similarly are the effects of Bael panna and Jal-jeera. Jal jeera is also good for digestion.
- Jigarthanda, from Madurai is famous in summers
- Kahwah is common drink in cold regions of Jammu and Kashmir<sup>[2]</sup>
- Kanji from Northern states of Punjab
- Kokum sharbat also has the same properties as that of a aam panna or bael sharbat and cools down the body heat consumed during summer in the Konkani regions mainly in the state of Goa.
- Jaljira is substantially used in the north Indian region for the medication. This libation shows cooling effect and is used in the summer for refreshment.
- Nannari sharbat  
Nannari sharbat is a traditional herbal libation prepared using the roots of *Decalepis hamiltonii*. In Ayurveda the factory is called Ananthamula. Beverage is used in summer time for thirst quenching and it acts as a hepatoprotective agent, which is good for stomach health.
- Tambuli  
Tambuli is a fluid food that shows chilling parcels, is exercised in south Karnataka. It's a traditional manual ayurvedic food passed during the summer season and for those who have high pitta.
- Sattu paani – famous in North India specially in UP and Bihar
- Saunf paani, from Gujarat
- Tanka Toraani - a rice-based drink from Odisha

### Milk Based Drinks

- Ambil or Ambli – prepared by using ragi flour and buttermilk, Maharashtra and Karnataka
- Buttermilk – Lassi or Laasi in North India, chhachh or Chaas or Chaah in North India, mor in Tamil, majjiga in Telugu, majjige in Kannada, and taak in Marathi
- Sweet lassi, however, contains sugar or fruits, instead of spices. Banarasi Lassi: Varanasi, one of the prominent cities of Bhojpur region is known for special variation of Lassi, popularly known as Banarasi Lassi'. The Curd for Banarasi Lassi is made with reduced milk which gives it a creamy & thick texture. It is then sweetened, churned and served with generous blob of Rabdi in earthen pots called Kulhads.
- Sambaram – Salted buttermilk made from cow's milk spiced with shallot, green, ginger and curry leaves from Kerala.

### Hot drinks

Both tea and coffee are stimulating drinks and gives instant energy as they contain caffeine and tannin. The only major difference between coffee and tea is that coffee has more caffeine and less tannin than tea, whereas tea has more tannin and less caffeine than coffee.

Almost all the states enjoy some kind of teas and coffees as per their taste bud and convenience of the location. We are very accustomed with the popular ones like-

- Irani chai which is very popular in the states of Hyderabad and Maharashtra or Tulsi tea which is again very famous all over India due to people have their roots imbibed from food habits influenced by Ayurveda.
- Masala chai India's most popular way to drink tea is another example which is popular throughout India and it has made its niche due to the mixed culture which prevails in megalopolis and metro cities as well.
- Some teas like Darjeeling, Assam or Nilgiris are famous and are produced in the site of its location which has prominent and distinct aroma and flavour.
- Butter tea or gur gur in the Ladakhi language, popular in Himalayan regions of India, particularly in Ladakh, Sikkim, and Arunachal Pradesh since it has been stated that jaggery gives warmth to the body and also has good circulation of blood thus providing extra heat to the body.
- Halu kashaya  
Kashaya means healthy herbal drink in Ayurveda, which is recommended for pitta dosha. It's veritably good for cold and fever.
- Chai with cream – prepared using dry or fresh variants of tea, often has hints of cardamom (elaichi), cinnamon (dalchini) or a mixture of spices, which constitute the special masala chai, taken especially during the cold to keep the winter-related problems at bay
- Haldi doodh or hot turmeric milk is another example which people believes is loaded with all necessary elements and minerals helps in healing process of wounds and also keeps the body warm.

### Intoxicating drinks

Other than nutritional food each states also has their own traditional intoxicating drinks which again governs the tamasic element in the body and are consumed on different occasions by people.

Cashew apples being squashed in Chora, Goa, to be used in the preparation of feni.

Handia is a rice beer commonly made by the indigenous people in Jharkhand, Bihar, Odisha, Madhya Pradesh and Chhattisgarh.

- Akani- palm sap from Tamil Nadu.
- Apo – traditional drink from Arunachal Pradesh made from fermented rice
- Arrack-distilled from a wash of palm Jagger, herbs etc. from Kerala
- Chuak – a drink from Tripura made from rice, jackfruit and
- Toddy/Tadi/Kallu (palm wine)
- Zawलाई – popular in Mizoram prepared from rice, millet and maize.
- Zutho – from Nagaland

## CONCLUSION

There is so much diversity in traditional health foods of India because the regional health foods have evolved according to the climate, culture, and cropping practices of a particular region. Moreover, certain foods have become more popular in certain region according to the health condition of a population such as lactose intolerance in Bengal leads to popularization of lactose-free dairy sweets. A national research project in India is recommended to scientifically document the health benefits of traditional and ayurvedic health foods across various regions so that a database can be created for preservation of knowledge on processing, preservation and dietary guidelines on traditional and ayurvedic foods for the benefit of both the Indian and international communities.

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