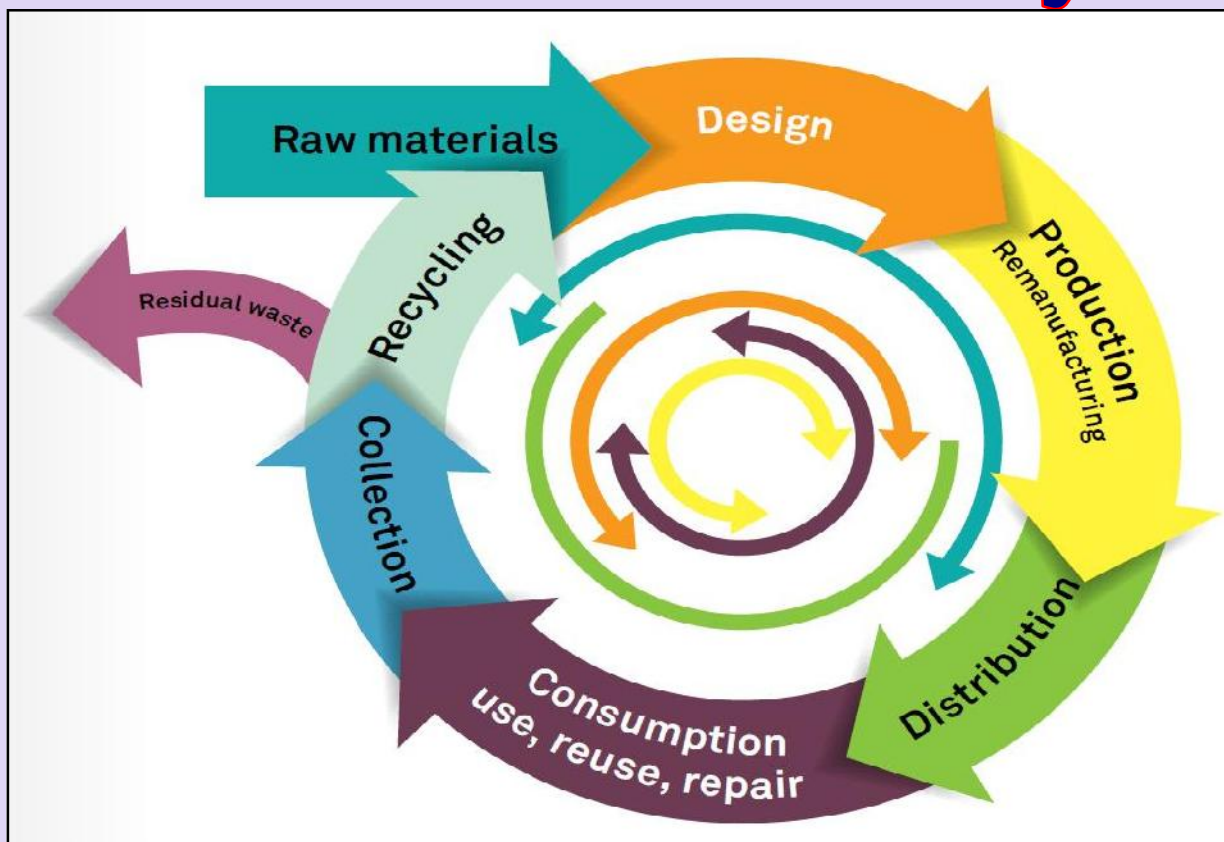


# livelihoods

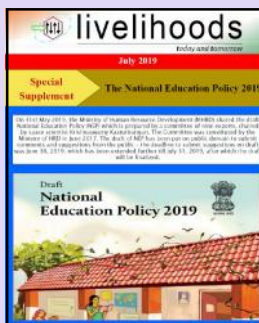
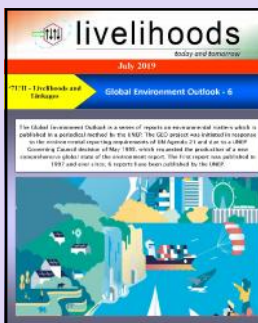
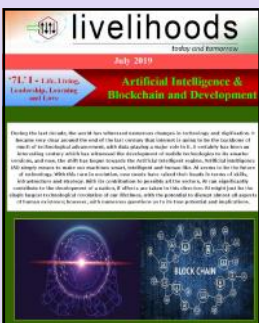
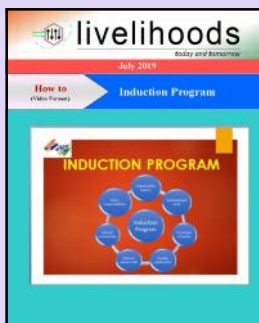
today and tomorrow

July 2019

## Circular Economy



### Supplements



*Delayed Monsoon!*

*Budgets on their way!*

*Bonalu!*

*Let us communicate with sarvendriya.*

*Let us value our servicers – doctors, accountants, whistleblowers, systems people*

*Let us collectivize and cooperate. Let us stabilize population.*

*Let us care Tigers. Habitats. Mangroves.*

*Let us fight our diseases. Let us transcend them.*

*Let us remember Mandela. Let us care for education to all.*

*Let us skill ourselves. Let us make our workplaces safe.*

*Let us have justice for all. As quickly as possible.*

*Let us celebrate Pi.*

*Independence | Indigenous | Youth | Senior Citizens | Women | Humanity | Engineers | Sports | Lefthanders | Honey Bee*

New Governments get going and budgets are getting ready. First 100 schemes are getting ready. Paid Volunteers, will it work? Will they remain non-partisan? Let us wait and watch.

‘livelihoods’ is presenting a focus – ‘Circular Economy’.

Please do not miss reading the classic ‘The Stranger (L’Étranger)’.

#### Supplements include:

7L Notes – 7L I: Livelihoods and Linkages (Artificial Intelligence & Blockchains and Development); 7L II: Global Environment Outlook - 6

Special Supplement: New Education Policy (Draft) 2019

Supplement (News): Livelihoods Update (June 2019).

Videos - How to – Induction Program? Livelihoods – Khova (Milk Sweet) Making on Machinery

#### Usual e-links include:

VCA – Okra (Bendi) (Maroor Village); Subsector – Poultry Sub-Sector Skills Plan 2018-2019; e-book: The Wealth of Nations—Adam Smith; v-book: Eco India: How a simple innovation in oyster farming has transformed the lives of these fisherwomen

Development Leadership Course is still preparing to present customized modules of leadership for select groups of ‘leaders’.

Revision of the magazine templates is in progress. You might be already getting a sense of it. While we are gradually inching forward, we would like to have a completely revised template from October issue.

With the faith and hope that you find this and evolving issues of ‘livelihoods’ useful, we remain.



the ‘livelihoods’ team

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<b>Focus</b>	<b>Circular Economy:</b> In order to appreciate this 'livelihoods magazine' tried to majorly look at Circular Economy in India: Rethinking Growth for Long-Term Prosperity by Ellen MacArthur Foundation and Accelerating India's Circular Economy Shift by FICCI and the key summary are detailed in the article.	5
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Livelihoods Video	Khova (Milk Sweet) Making on Machinery <a href="https://youtu.be/r3r71KCMB0">https://youtu.be/r3r71KCMB0</a>	
7L - Notes 1. Life, Living, Leadership, Learning and Love	Artificial Intelligence & Blockchain and Development <a href="http://livelihoods.net.in/sites/default/files/pdf/7l- i - supplement_ai_blockchain_july_2019.pdf">http://livelihoods.net.in/sites/default/files/pdf/7l- i - supplement_ai_blockchain_july_2019.pdf</a>	
2. Livelihoods & Linkages	Global Environment Outlook - 6 <a href="http://livelihoods.net.in/sites/default/files/pdf/7l- ii- supplement_global_envionment_outlook - 6_july_2019.pdf">http://livelihoods.net.in/sites/default/files/pdf/7l- ii- supplement_global_envionment_outlook - 6_july_2019.pdf</a>	
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Supplement (News)	Monthly Livelihoods Update (June 2019) <a href="http://livelihoods.net.in/sites/default/files/pdf/supplement_livelihoods_update_july_2019_0.pdf">http://livelihoods.net.in/sites/default/files/pdf/supplement_livelihoods_update_july_2019_0.pdf</a>	
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Sub-sector	Poultry Sub-Sector Skills Plan 2018-2019 <a href="https://www.agriseta.co.za/downloads/POULTRY%20FINAL%20v02.pdf">https://www.agriseta.co.za/downloads/POULTRY%20FINAL%20v02.pdf</a>	
e-Book	The Wealth Nations - Adam Smith <a href="http://www.ultimorecurso.org.ar/drupi/files/Adam%20Smith%20%27The%20Wealth%20of%20Nations%27.pdf">http://www.ultimorecurso.org.ar/drupi/files/Adam%20Smith%20%27The%20Wealth%20of%20Nations%27.pdf</a>	
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# Circular Ecommmy

*This month livelihoods magazine tries to understand the concept of circular economy, need for it, how this sector can play an important role in creation of jobs and also contributing towards sustainable development goals. In order to appreciate this 'livelihoods magazine' tried to majorly look at Circular Economy in India: Rethinking Growth for Long-Term Prosperity by Ellen MacArthur Foundation and Accelerating India's Circular Economy Shift by FICCI and the key summary are detailed in the article.*



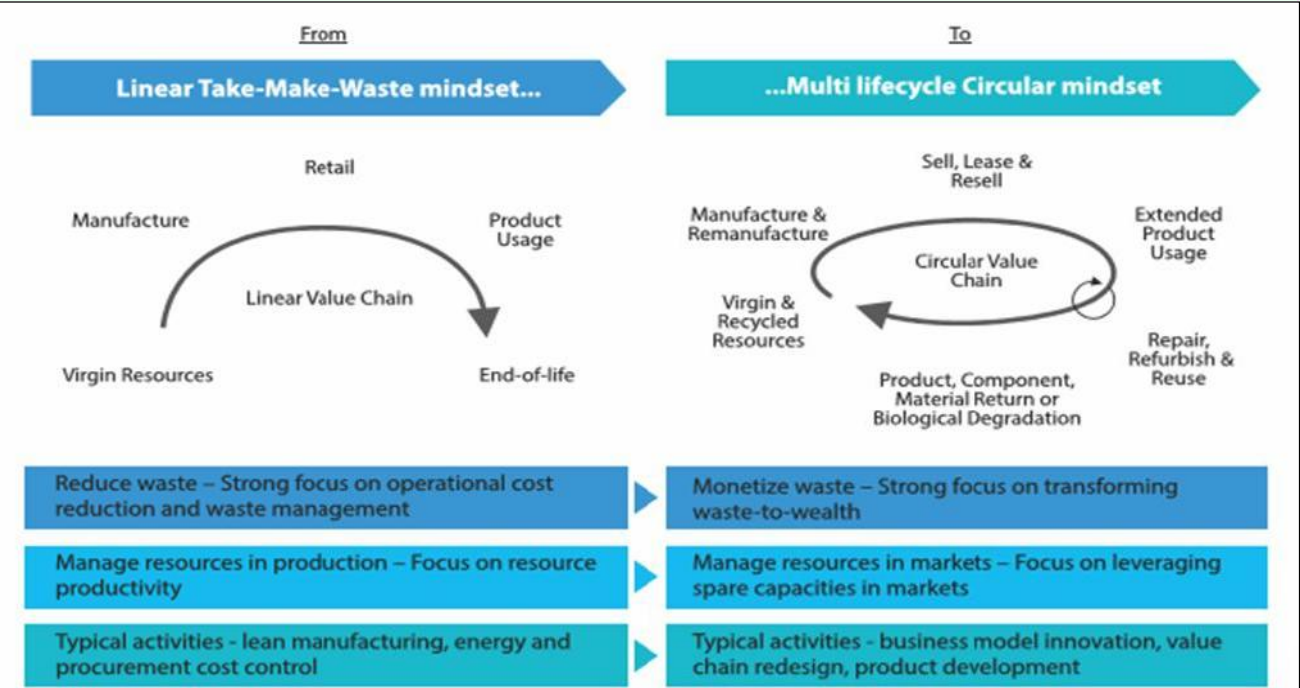
This month livelihoods magazine tries to understand the concept of circular economy, need for it, how this sector can play an important role in creation of jobs and also contributing towards sustainable development goals. In order to appreciate this ‘livelihoods magazine’ tried to majorly look at Circular Economy in India: Rethinking Growth for Long-Term Prosperity by Ellen MacArthur Foundation and Accelerating India’s Circular Economy Shift by FICCI and the key summary are detailed in the article.

Addressing joint session of the newly elected 17<sup>th</sup> Lok Sabha, Hon’ble President of India Shri. Ram Nath Kovind has mentioned that by 2022 when India celebrates its 75<sup>th</sup> Independence Day this government would like to see every village in the country connected by roads, every poor will have a pucca roof over his head, every poor will have access to clean fuel, every poor will have electricity connection, no poor will be compelled to defecate in the open, every poor

increasing trend of urbanization, increasing aspirations of people to have a better life, inequalities in the growth of 1.3 Billion would require more and more resources.

The question is do we really have the resources, if so at what rate are they depleting, do we have alternatives to these resources, what’s happening to the tonnes of garbage we are generating daily, are we in a position to recycle/reuse it and if so to what extent. In this context, ‘Circular Economy’ plays a critical role in not only utilizing the value of a product to the maximum possible extent but also in addressing the issues of climate change and addressing unemployment as well.

Let us try to understand what is circular economy and how different is it from the linear model of growth. Circular economy implies reusing waste back into the production cycle to produce new products and uses instead of wasting such materials with embedded resources. This clearly differentiates the linear model of growth and circular model.



Source: FICCI

will have access to medical facilities, every village in the country shall be connected by roads and becoming a \$5 trillion economy marching towards being fourth largest economy in the world. To achieve this India requires huge resources natural, physical, financial and human and at a time with climate change on one hand and on the other

As per the Ellen McArthur Foundation report, the focus areas of circular economy in India are: cities and construction, food and agriculture and mobility and manufacturing. These are the areas that account for more than two-third expenditure of an Indian household both in urban and rural areas. In terms of current employment they cover agriculture and

construction and future growth expectations they cover construction and vehicle manufacturing. The following insights shall help in guiding why circular economy can and should be taken up in India.

- It is estimated that, when compared to a linear model the costs of providing the same level of utility would decrease in the circular economy and this will help in creating an annual value of \$14 lakh crore in 2030 and \$40 lakh crore in 2050 when compared to the current development scenario.
- It will help businesses in achieving material cost savings and increasing their profits by value creation either by improving the product design, innovative business models and reverse logistics.
- It will help in mitigating negative environmental impacts
- It will also help in providing cheaper products and services to the customer and also reduced congestion and pollution
- It will help in positioning India as a global hub for technology and innovation by leveraging digital technology.
- It will help in India having achieve competitive advantage over developed/mature economies

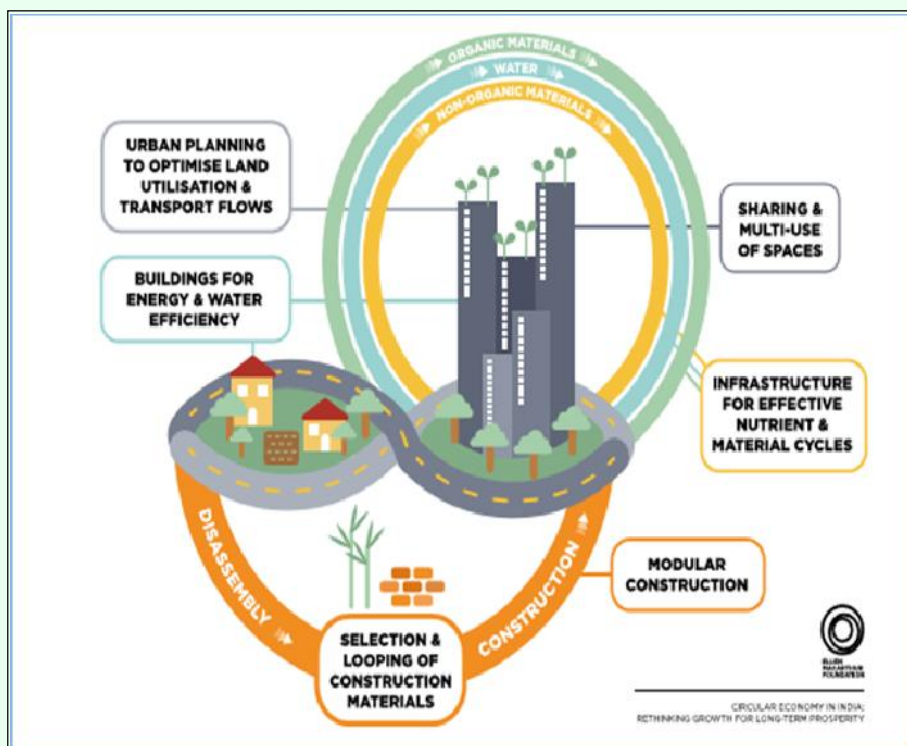
Now let us in detail look at each of the three focus areas:

**Cities and Construction:** The recent water shortage in the coastal city Chennai has warned us enough on the need for building sustainable cities. The rate at which urbanization is happening it is estimated that by 2050, 60% of Indian population will live in the urban areas up from 30%. Urban centres continue to remain growth engines and also major consumers of energy. It is estimated that affordable housing shortage is expected to reach about 38 million units by 2030.

At this rate, India must build 700-900 million square meters of new commercial and residential space every year. At the same time, one-third of the total solid waste in India is generated from construction and demolition. The Indian building industry consumes almost 34% of the country's total energy, making it one of the largest emitters of green house gases. In addition to the construction materials, energy usage for regular living and maintenance is also high.

It is to be noted that 70% of the building stock that will be used in 2030 is yet to be built and the decision on the kinds of materials that shall be used shall determine India's sustainable growth. With Government's flagship programmes like Smart Cities Mission, construction of industrial corridors, Swachh Bharat Mission, housing schemes of Central and State governments in pipeline it is important that at least each of them ensure circular economy practices to the possible extent. The six opportunities to shape Indian cities and construction industry are:

- Selection and looping of construction materials
- Infrastructure for effective nutrient and material cycles
- Sharing and multi-use spaces
- Urban planning to optimize land utilization and transportation flows

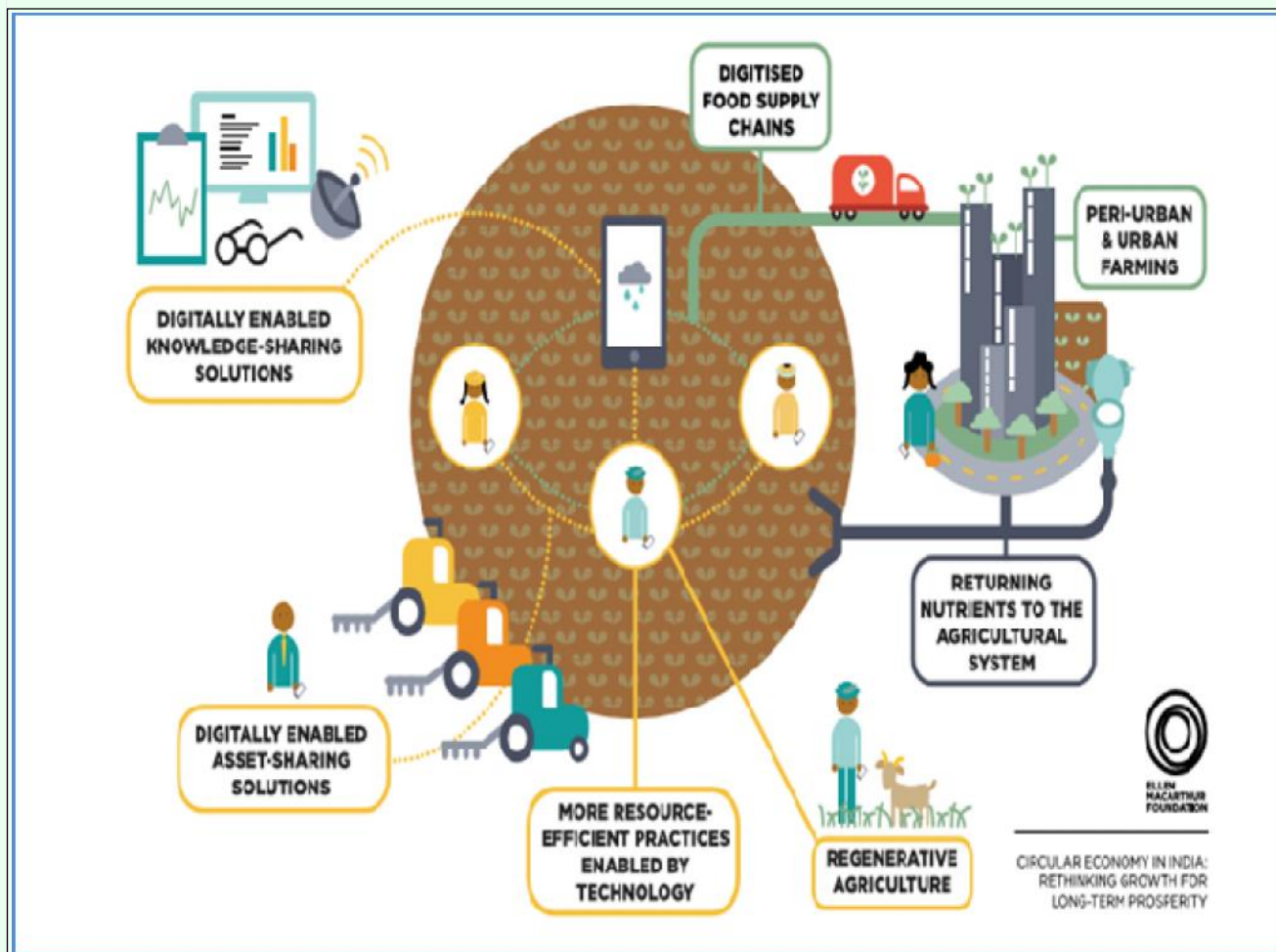


- Buildings for energy and water efficiency
- Modular construction

**Food and Agriculture:** India is home to the world's largest rural population and agriculture is the main source of livelihood for 58% of the rural households. With 80% of them being small and marginal farmers and their limited access to technology, credit, capital and markets is hampering the productivity and income levels of them. In addition, agriculture in India faces serious environmental constraints associated with land degradation, water scarcity, and an increasing number of extreme weather events which are worsening day by day. These coupled with increasing population, India shall be placed in a tough situation to meet the food security demand of the country. On the other hand

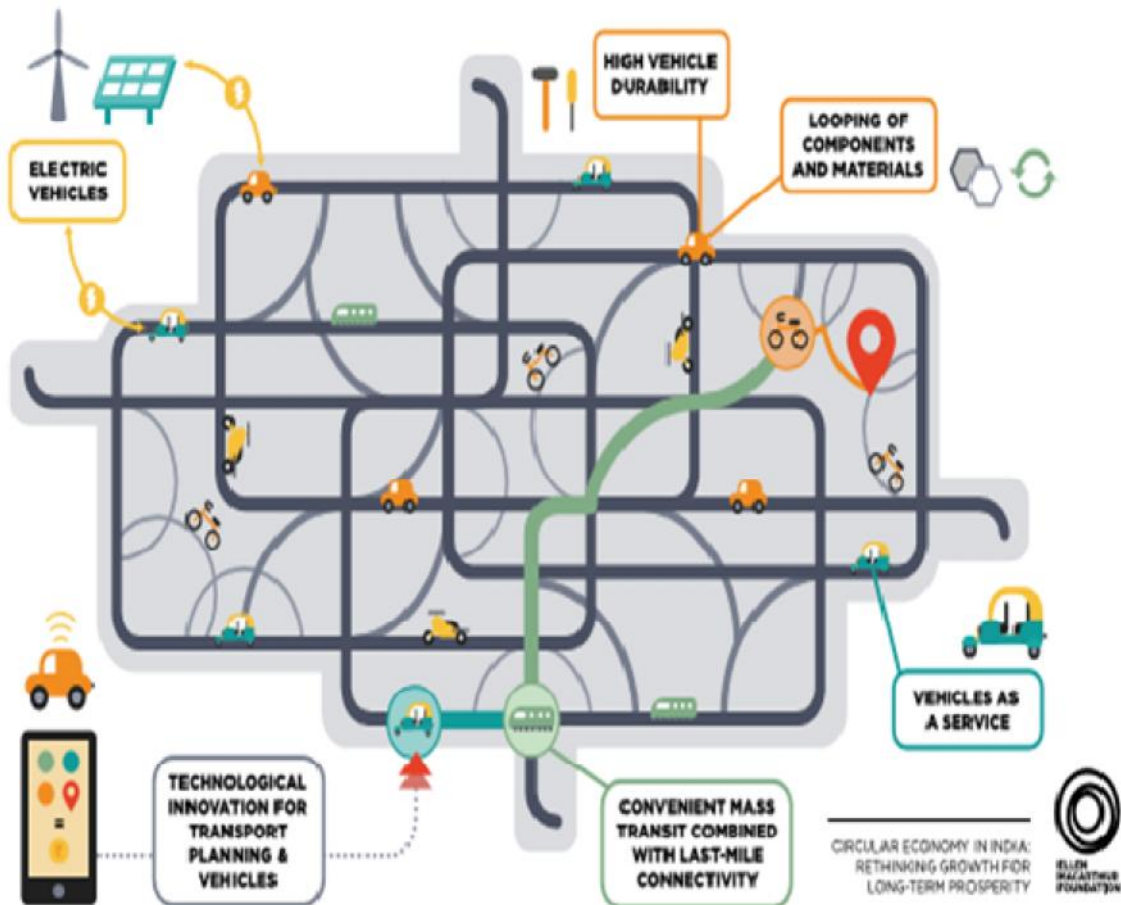
Circular economy will have a major role in the unexplored agriculture sector by creating value to the producers, consumers and increasing incomes to the producers. The six opportunities that will shape the Indian food and agriculture system are:

- Regenerative agricultural production
- More resource efficient agricultural practices enabled by technology
- Digitally enabled asset & knowledge sharing solutions
- Digitized food supply chains
- Peri-urban and urban farming
- Returning nutrients to the agricultural system



the increasing wastage of agriculture produces, wastage of food and unhealthy diets are further aggravating the situation.

**Mobility and Vehicle Manufacturing:** With booming Indian economy and increasing disposable incomes especially with the middle class, improvement in rural connectivity the mobility across the country has increased substantially. The



annual per capita kilometers travelled by rail almost doubled between 2002 and 2013 and the car ownership rate has almost tripled during the same period. The demand for personal mobility is expected to double or even triple by 2030. With increasing urbanization the demand is much higher in urban areas and all the major cities in the country are already facing high congestion, pollution and accident rates that will grow more severe as mobility demand increases. The six opportunities that shape the Indian mobility system and vehicle manufacturing industry are:

- Convenient mass transit combined with diverse and adaptive last mile connectivity
- Vehicles as a service
- Technological innovation for transport planning and vehicles
- Electric vehicles

- High vehicle durability
- Looping of components and durability

Benefits of Circular Economy for India:

- Profit opportunities for businesses through increasing innovation and demand for new business services – In the world of digital technology, circular economy principles shall help businesses in generating new ideas and exploring new ways of working and the innovation hubs across the country can help in implementing new approaches and capture new profit opportunities.
- Material cost savings and reduced exposure to resource price volatility – This economy will significantly lower the costs for business related to the use of virgin materials. Less material use shall reduce their exposure to volatile raw materials prices and strengthen their resilience.

## PRINCIPLE

# 1

Preserve and enhance natural capital by controlling finite stocks and balancing renewable resource flows.

## PRINCIPLE

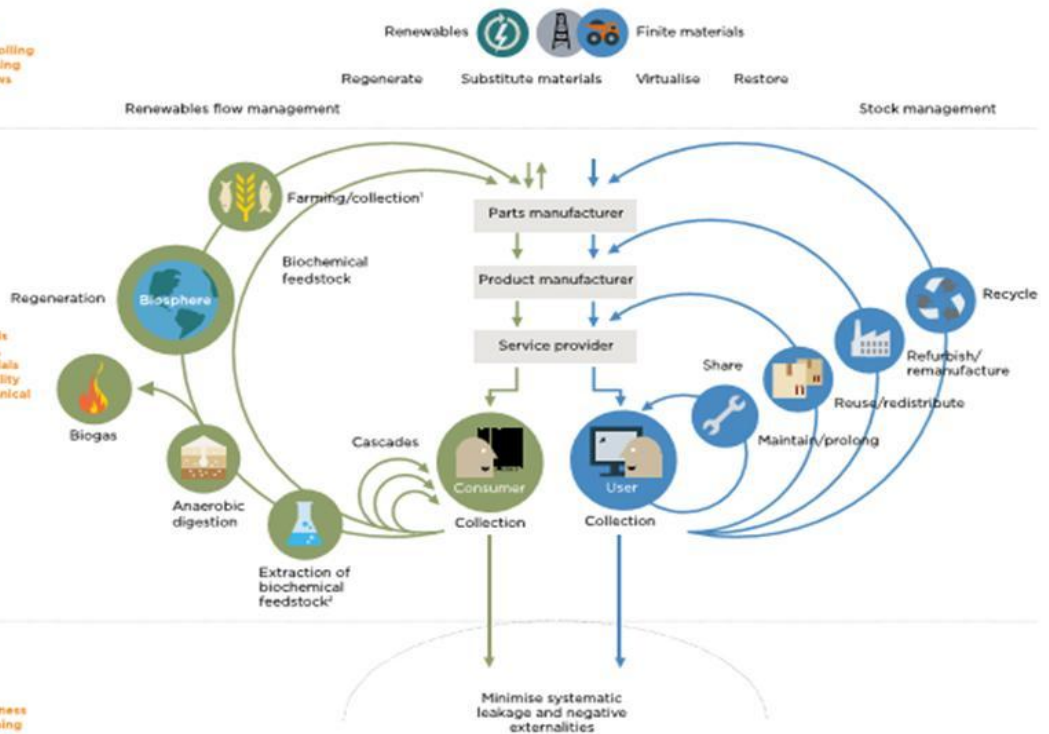
# 2

Optimise resource yields by circulating products, components and materials in use at the highest utility at all times in both technical and biological cycles.

## PRINCIPLE

# 3

Foster system effectiveness by revealing and designing out negative externalities.



- Economic growth – As mentioned earlier, circular economy practices helps in productive usage of material inputs which will lead to more increasing revenues for businesses and employment opportunities as well. There will be question arising in the minds of people that circular economy is beneficial to the planet, world and businesses. But let us try to know how well it is beneficial to the individuals:

### Benefits for environment:

- Lower GHG emissions: In all the three focus areas, Green House Gas emissions will substantially be lowered because of less usage of virgin materials, applying more efficient construction techniques and reducing electricity use in cooling would reduce GHG emissions.
- Reduced consumption of virgin, non-renewable materials and energy: Extraction of virgin materials and non-renewable energy sources will significantly contribute to GHG emissions. In the circular economy shifting towards more renewable energy sources in the mobility industry and recycled/reused materials especially in the construction sector will reduce the GHG emissions.
- Increased land productivity and soil health: Applying circular economy principles and regenerative agricultural practices will lead to increase in land productivity, decrease waste in the food value chain, and return nutrients to the soil. These will enhance the value of land and soil assets by increasing their regenerative potential.
- Reduced water usage: There will be reduced water usage across the sectors with agriculture sector using 39% less water in 2030 and also reduced usage of water for production of raw materials and building and maintaining sustainable cities will also reduce the pressure on water.

## CIRCULAR ECONOMY



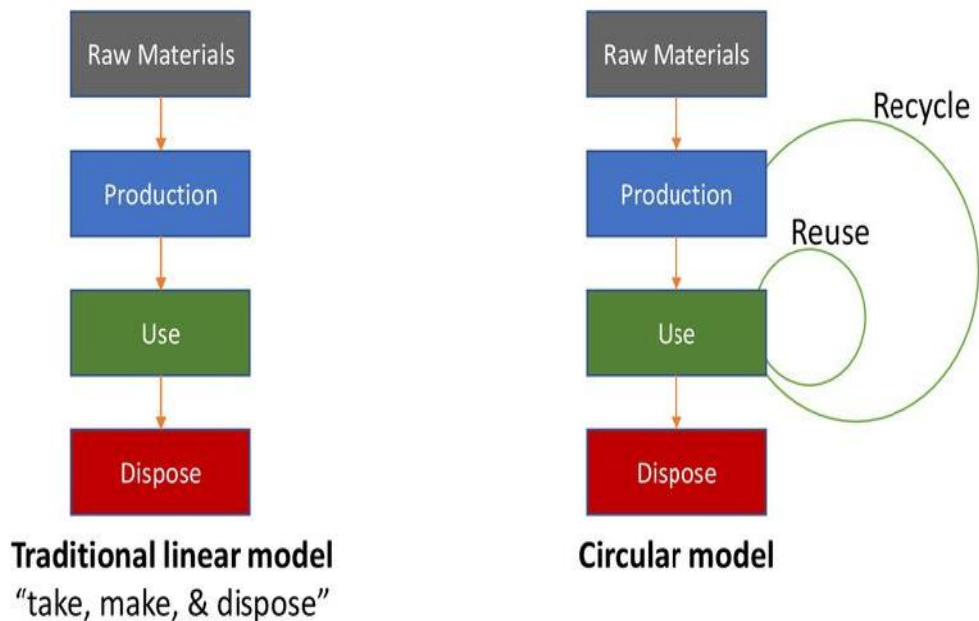
## LINEAR ECONOMY



- Lower costs for products and services: Less energy and less time and sustainable mechanisms of production and services will lower the costs and becomes affordable to the larger public. The

lowering in the prices will also help in implementation of National Food Security Mission and also in building affordable houses under the Central and State housing schemes.

# What is a Circular Economy?



- Greater utility and choice. The additional choice or quality that circular models provide would enhance the utility, or benefit experienced by customers. Choice increases as producers provide systems that enable tailoring products or services to meet better customer needs.

"Circular economy has the potential to generate 1.4 crore jobs in the next 5-7 years & create lakhs of new entrepreneurs. Resource circularity is need of the hour to implement circular economy,"

Amitabh Kant, CEO – NITI Aayog

from applying circular economy approaches to address issues like congestion, pollution, and ill health. For example circular economy will help in introducing more zero emission vehicles, regenerative farming techniques that will stop burning etc.,

In order to leave a world where the next generation can live a life of well-being it is important that each one of us step in and act and the change the way we all live. This should parallel be supported by Government by ensuring conducive policy environment for circular economy, setting up the

- Reduced negative externalities, e.g. congestion, infrastructure and manpower required to achieve the pollution. The analysis suggested beneficial impact humongous task. ❖

# India's Status of Pulses Production

Pulses are an important group of food crops that play a vital role to address national food and nutritional security and also tackle environmental challenges. In agriculture, pulses' role is a major one. The share of pulses to total food grain basket is around 9-10 percent and is a critical and inexpensive source of plant-based proteins, vitamins, and minerals. Pulses are critical in the food basket (dal-roti, dal-chawal), and are a rich source of protein (@20-25 percent, it is double the protein content of wheat and thrice that of rice) and help address obesity, diabetes malnutrition, etc..

Crop	(Production-Million Tones)				
	Production			Change over (+/-)	
	Normal*	2014-15	2017-18**	Normal*	2014-15
Tur	3.29	2.81	4.25	0.96	1.44
Urd	2.08	1.96	3.56	1.48	1.60
Mung	1.61	1.50	2.01	0.40	0.51
Gram	8.43	7.33	11.23	2.80	3.90
Lentil	1.08	1.04	1.61	0.53	0.57
<b>Kharif Pulses</b>	<b>6.55</b>	<b>5.78</b>	<b>9.34</b>	<b>2.79</b>	<b>3.56</b>
<b>Rabi Pulses</b>	<b>12.29</b>	<b>11.42</b>	<b>15.89</b>	<b>3.60</b>	<b>4.47</b>
<b>Total Pulses</b>	<b>18.84</b>	<b>17.20</b>	<b>25.23</b>	<b>6.39</b>	<b>8.03</b>

Source: DES, Ministry of Agriculture & FW (DAC&FW), GoI  
 Normal\*-Avg. 2012-13 to 2016-17; 2017-18\*\*- IV<sup>th</sup> Advance Estimate.

**Nutritional Level of Various Pulses:** The total world acreage under pulses is about 85.40 (Mha) with the production of 87.40 (Mt) at 1023 kg/ha yields level. India, with >29 Mha pulses cultivation area, is the largest pulse producing country in the world. It ranks first in area and production with 34 percent and 26 percent respectively. During 2017-18, the country's productivity of 835 kg/ha is a significant increase over Eleventh (662 kg/ha) and Twelfth plans (745 kg/ha).

In India, pulses are generally produced in poor soils not suited to other crops, with minimum use of resources and have a very low water footprint. They are a vital constituent of cropping and consumption pattern. Of the total net sown area of 141.40 million hectares, 52 percent i.e. 73.20 million hectares is rain-fed. The pulses cultivation occupies major area under this ecology. The rain-fed regions of the country support 40 percent of the human population and 2/3rd of livestock. As high as 90% of nutri-cereals (millets), 80% pulses, 74% oilseeds, 65% cotton, and 48% of rice crops are rain-fed.

In India, food grains occupy 65 percent of the total gross cropped area comprising of cereals in 50% and pulses in about 15%. Within pulses, gram occupies 5% area followed by urad 3%, arhar 2% and mung 2%. Other pulses cover about 3% of the gross cropped area. ❖

[Source: [http://dpd.gov.in/Retrospect%20and%20Prospects/Pulses%20Revolution%20From%20Food%20to%20Nutritional%](http://dpd.gov.in/Retrospect%20and%20Prospects/Pulses%20Revolution%20From%20Food%20to%20Nutritional%20Security)

# What Life is All About

One night four college students were out partying late night and didn't study for the test which was scheduled for the next day. In the morning, they thought of a plan.

They made themselves look dirty with grease and dirt.

Then they went to the Dean and said they had gone out to a wedding last night and on their way back the tire of their car burst and they had to push the car all the way back. So they were in no condition to take the test.

The Dean thought for a minute and said they can have the re-test after 3 days. They thanked him and said they will be ready by that time.

On the third day, they appeared before the Dean. The Dean said that as this was a Special Condition Test, all four were required to sit in separate classrooms for the test. They all agreed as they had prepared well in the last 3 days.



The Test consisted of only 2 questions with the total of 100 Points:

1) Your Name? \_\_\_\_\_ (1 Points)

2) Which tire burst? \_\_\_\_\_ (99 Points)

Options – (a) Front Left (b) Front Right (c) Back Left (d) Back Right

Moral of the story: Take responsibility or you will learn your lesson. ❖

[Source: <https://wealthygorilla.com/best-short-moral-stories/> ]

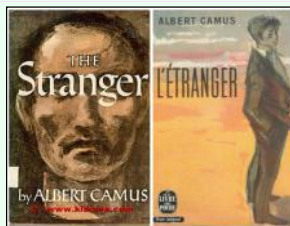
# The Stranger (L'Étranger)

The book *The Stranger* (L'Étranger) was a novel written in French by Albert Camus in 1942 and translated into English by Stuart Gilbert. Camus, a noted philosopher, author and journalist, was bestowed with the Nobel Prize in Literature in 1957. Much like other books of Camus, this book deals with the theme of Absurdism, a philosophy which according to Wikipedia, "refers to the conflict between the human tendency to seek inherent value and meaning in life and the human inability to find any in a purposeless, meaningless or chaotic and irrational universe."

The book is narrated by the protagonist, Meursault, and it starts with him getting a telegram of his mother's death – a rather depressing start to a book one would think; but Meursault is stranger than any other protagonist in his lack of emotions. It is mentioned then that he had put his mother in the old age home, as he was unable to care for her with his salary.

Meursault, as a character, is practical and feels neither extreme sadness nor happiness; he just does what needs to be done and is expected of him, without bringing feelings into the picture. A case in point is when Meursault goes to his mother's funeral but declines to see his mother's body and doesn't shed a tear; which leads to a bad impression among his mom's friends. Right through the book we can observe that Meursault tends to agree to anything unless he finds it unpleasant; mostly, he does it for politeness' sake - Whether a promotion and move to Paris, or a girl he likes spending time with asking him to marry him – he is ok with this way or that.

This practicality and eccentricity aren't a major problem to him until when he shoots a guy (who has a vendetta against his friend) in self-defence.



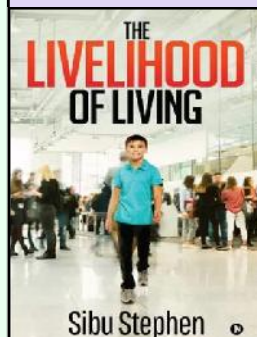
Once his trial begins, he is, maybe for the first time in his life a little amazed, to observe his small bits of behaviour and things like him putting his mother in an old age home, his smoking cigarettes before his mother's funeral, his not knowing her age, and his not crying at the funeral. His "callousness" during his mother's funeral and disbelief in GOD are used to determine his character by the police; his honesty in accepting his actions and lack of self-preservation about the matter works against him, but he doesn't understand why that was so. His attitude of living in the moment helps him get used to prison, not finding it as horrible as many other people's lives.

Unfortunately for him, the Jury gives him a death penalty after the prosecutor argues that one who is so monstrous and inhuman wouldn't regret killing the man, and deserves capital punishment; it is then that Meursault feels like telling the Jury of how he never regretted anything in life as he believes in living in the present, being always absorbed in the sounds and sights around him rather than something in the past or future.

Naturally, he feels a bit depressed for a while. In his last days, while he dreads waking up to the day of death, a priest from the jail tries to make him believe in God and afterlife, but Meursault refuses to see meaning in a meaning-less, indifferent universe. He then makes peace with the idea of death and thinks of how death is inevitable, whether he dies now or as a 90 year old man, and accepts his fate and feels free even in that jail cell and decides to be alive till his end comes.

The book, in just 77 pages, manages to give the reader a bitter pill-view of the world – where people act in "real" life based on how society expects them to be and how anybody who tries to be genuine is ostracised by the society. It's certainly an eye-opener to the hypocritical world we live in! ❖

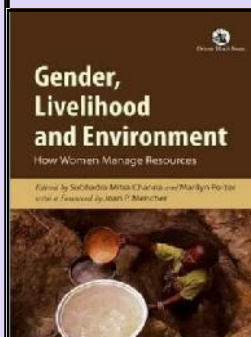
## Latest Books



Book Name: The Livelihood of Living

Authors: Siby Stephen

Publication: Notion Press



Book Name: Gender, Livelihood and Environment

Author: Porter Channa

Publication: Orient Black Swan

# ‘Yoga’kshemam

Hugs! Friendship! Emojis! Doctors! CAs! Whistleblowers! Systems! Cooperatives! Population! Tiger! Mangroves! Hepatitis!

Malala! Mandela!

Skills! Safe work! Justice! Pi!

Independence | Indigenous | Youth | Senior Citizens | Women | Humanity | Friends | Engineers | Sports | Lefthanders | Honey Bee

Yoga everywhere - Meditation, Dhyana, Body Exercises have come to fore.

Governments are getting ready with Budgets. Union Government is pursuing One Nation – One Election seriously. AP Government is pursuing ‘Volunteers’. Telangana is pursuing Kaaleshwaram.

The month has also gone in for figuring out Critical Thinking for Leaders. I thought we can offer a focussed skilling and practice course, may be a workshop for the Leaders in Livelihoods-Poverty Reduction-Development (LPRD) domain. A 50-hour exercise can be the beginning. The workshop focuses on Leadership initially and slowly moves into Critical Thinking arena.

Leadership focuses on Vision and Influence in general and the following in particular – Understanding leading – authentic leading; Leading Leaders, Life, and Learning; Understanding and Developing a Leader (Functions, Vision, Values, Mindset, Behaviour, Styles); Self; Relationships; Interpersonal Leadership Skills; Team(s); Organization; Change; Biases; Ethics; Direct, Delegate, Develop and Deliver; Performance; Communication; Accountability; Legacy

Critical Thinking is the ability to think in an organized and rational manner in order to understand connections between ideas and/or facts. It helps us to decide what to believe in. It is “thinking about thinking”—identifying, analysing, and then fixing flaws in the way we think. While every one of us needs to be thinking critically, the leaders, the mentors, the guides et al need to have critical edge on critical thinking. Their essential job in some sense is to build vision-led leaders with critical thinking abilities/skills. Intensive Time, Disciplined Practice and Diligent Application take us on to Critical Thinking and make is Critical Thinkers gradually.

The steps of Critical Thinking Cycle include:

- Identify the problem or question.
- Gather data, opinions, and arguments. Several/multiples of them from competing sides.
- Analyse and evaluate the data. From reliability, evidence-base point of view.
- Identify assumptions. From biases point of view.
- Establish significance. From significance of base point of view. From Importance for addressing the issue point of view.
- Make a decision/reach a conclusion. Generate possible alternative conclusions/options, weigh strengths and limitations of each of the options and choose the best or a best combination
- Present or communicate. To all concerned.

Critical Thinking Skills help us to challenge what is given or presented to us. Critical thinking helps us try and identify new, better solutions. Self and Personality Development necessarily includes Critical Thinking skills. These include:

- Analysis: the ability to collect and process information and knowledge.

- Interpretation: concluding what the meaning of processed information is.
- Inference: assessing whether the knowledge you have is sufficient and reliable.
- Evaluation: the ability to make decisions based on the available information.
- Explanation: communicating your findings and reasoning clearly.
- Self-Regulation: the drive to constantly monitor and correct your ways of thinking.
- Open-Mindedness: taking into account other possibilities and points of view.
- Problem-Solving: the ability to tackle unexpected problems and resolve conflicts.

How do we go about improving our Critical Thinking skills?

asking simple critical thinking questions like - What do I already know; How do I know that; What am I trying to prove; What are my motivations etc.

Opposing ‘Common Sense’ and challenging assumptions

Being/becoming aware of our biases like – confirmation (we are right) bias; quick action bias; association bias

Reading and observing a lot; writing; honing 3R Skills

This is the most sought after ability. This needs to be taken to all in leadership positions as soon as possible. To Development Workers.

To Chief Executives. To Teachers. To Bureaucrats.

To Boards. To Governance Leaders. To Movement Leaders.

These reflections indicate that the programmes in Livelihoods-Poverty Reduction-Development domain require Critically Thinking Passionate participants. The numbers required are unusually large. We have to begin somewhere. Programme offerings have to go up. We need to evolve into a movement of vision-led critical thinking leaders. We need ever-learning leaders and mentors committed to 7Ls of Livelihoods-Poverty Reduction-Development. We need to identify them. Build them. Nurture them. Mentor them. Be with them.

**Let us be part of the flows of loving, learning, leading and mentoring critical thinking community of leaders. Let us be part of the communitized quiet movements. Let us love, learn, lead, be led, be connected, for these movements of thinking critically, living naturally and usefully. Let us be connected. Let us celebrate connected life and live with simple joys of flowing and being with nature in thought, dialogue and co-action.**

This is nijaalochanayoga. This is flowing in the flows of the flows. This is vichakshanayogam.

Can we be there? **Yes, if we pursue Atma Yoga.** If we flow! If we think clearly! If we have the ability to think clearly! If we invest intensive time for it! If we practice with discipline! If we apply the thinking diligently! If we let people think with us and flow with us! If we let people lead us to think and being actively useful! If we let people love, learn, lead and connect, to be useful! If we be with and flow with the innermost! If we let innermost to take charge and lead us subtly but fully inside! Krsna confirms ‘he’ is in critical thinking people and critical thinking brings one to ‘him’.

Join us in the world of yoga – for life – towards nijahitayogasiddhi. You will not regret it. ❖

**G Muralidhar**

## Links - livelihoods June 2019

### Supplements

How to (?)	Induction Program <a href="https://youtu.be/i0PHjelcATc">https://youtu.be/i0PHjelcATc</a>
Livelihoods Video	Khova (Milk Sweet) Making on Machinery <a href="https://youtu.be/r3r71KCsMBo">https://youtu.be/r3r71KCsMBo</a>
7L - Notes 1. Life, Living, Leadership, Learning and Love	Artificial Intelligence & Blockchain and Development <a href="http://livelihoods.net.in/sites/default/files/pdf/7l- i - supplement_ai_blockchain_july_2019.pdf">http://livelihoods.net.in/sites/default/files/pdf/7l- i - supplement_ai_blockchain_july_2019.pdf</a>
2. Livelihoods & Linkages	Global Environment Outlook - 6 <a href="http://livelihoods.net.in/sites/default/files/pdf/7l- ii- supplement_global_environment_outlook - 6_july_2019.pdf">http://livelihoods.net.in/sites/default/files/pdf/7l- ii- supplement_global_environment_outlook - 6_july_2019.pdf</a>
Special Supplement	New Education Policy 2019 <a href="http://livelihoods.net.in/sites/default/files/pdf/special_supplement - new_education_policy_2019_june_2019.pdf">http://livelihoods.net.in/sites/default/files/pdf/special_supplement - new_education_policy_2019_june_2019.pdf</a>
Supplement (News)	Monthly Livelihoods Update (June 2019) <a href="http://livelihoods.net.in/sites/default/files/pdf/supplement_livelihoods_update_july_2019_0.pdf">http://livelihoods.net.in/sites/default/files/pdf/supplement_livelihoods_update_july_2019_0.pdf</a>

