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Bharat Vidya

An open-source repository for Indian Knowledge Systems



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Published in Desi Stack

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The screenshot shows the GitHub repository page for `yogeshhk / BharatVidya`. The page includes a search bar, navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the header, there's a card for the repository `BharatVidya`, which is public. It shows 5 commits from the master branch, all made by `yogeshhk` within the last week. The commits include renaming folders, adding files like `LaTeX`, `References`, and `LICENSE`, and merging Arthashastra repos. On the right side, there's an 'About' section describing it as a repository for course material for Indian Knowledge System (IKS), along with links to Readme, MIT license, Activity, stars, forks, and releases.

Commit	File	Message	Time
Renamed folders	<code>LaTeX</code>	Renamed folders	2 minutes ago
Renamed folders	<code>References</code>	Renamed folders	2 minutes ago
Initial commit	<code>.gitignore</code>	Initial commit	last week
Initial commit	<code>LICENSE</code>	Initial commit	last week
Renamed folders	<code>README.md</code>	Renamed folders	2 minutes ago
Merged Yogashastra Arthashastra repos here	<code>README_arthashastra.md</code>	Merged Yogashastra Arthashastra repos here	2 days ago
Merged Yogashastra Arthashastra repos here	<code>README_samskrit.md</code>	Merged Yogashastra Arthashastra repos here	2 days ago
Merged Yogashastra Arthashastra repos here	<code>README_yogashastra.md</code>	Merged Yogashastra Arthashastra repos here	2 days ago

Screenshot of the repository

Have you ever wondered how to build a sustainable city with a 2,000-year-old text? Or how ancient yoga practices can improve your coding skills? Buckle up, because the Indian Knowledge System (IKS). Spanning centuries of rich traditions, the Indian Knowledge System, or Bharat Vidya, offers a veritable treasure trove of insights that transcend time and transcend boundaries. Join us as we embark on an enthralling voyage through this extraordinary repository of ancient wisdom, where the past seamlessly merges with the present, and the future beckons with endless possibilities.

Forget dusty museums — IKS is a vibrant repository of traditional Indian wisdom that's as relevant today as ever. We're talking philosophy, science, medicine, mathematics — the whole knowledge buffet, with a side of cultural heritage. This isn't just about memorizing Sanskrit verses (though that's pretty cool too) — it's about harnessing the power of ancient insights to tackle modern challenges.

Why IKS for Engineers? The NEP 2020 Secret Sauce

The New Education Policy (NEP) 2020 isn't just about rote learning anymore. It recognizes the power of IKS to bridge the disconnect between disciplines. Imagine an engineer who understands the principles of yoga — that's someone who can design buildings that promote well-being alongside functionality. Or a coder who dives into the logic of ancient Indian mathematics — they might just be the one to crack the next big algorithm.

Exploring the Treasure Trove: Philosophy, Science, and Beyond

At the heart of Bharat Vidya lies a multidisciplinary approach that defies conventional academic silos. Here, philosophy, science, medicine, mathematics, and the arts intertwine, forming an intricate web of knowledge that celebrates the interconnectedness of all things. It is a testament to the holistic worldview that has permeated Indian thought for millennia, recognizing the inherent unity within the apparent diversity of existence. IKS is a vast and fascinating landscape. Let's peek into some of its key domains:

- **Philosophy:** Dive deep into the fundamental questions of existence, explored by great thinkers like Chanakya and Adi Shankara. Their ideas on ethics, duty, and the nature of reality can add a whole new dimension to your understanding of the world, both personally and professionally.
- **Science:** Prepare to be amazed by the ingenuity of ancient Indian scientists. From the pioneering work in astronomy (they knew the Earth was round way before it was cool!) to the development of the number system we use today (including the concept of zero!), IKS offers a treasure trove of scientific thought.
- **Medicine:** India's rich tradition of Ayurveda goes far beyond herbal remedies. It focuses on preventative care, holistic well-being, and understanding the mind-body connection. These principles can be incredibly valuable for anyone looking to optimize their health and performance.

- **Mathematics:** Get ready to be impressed by the mathematical genius of ancient India. The development of the decimal system, the concept of infinity, and contributions to algebra are just a few examples of how Indian scholars shaped the mathematical landscape.

Sanskrit, Yoga, and Governance: Unveiling the Hidden Gems

But IKS goes beyond these core subjects. As we delve deeper into the Indian Knowledge System, we are reminded of the pivotal role of language in preserving and disseminating this vast repository of wisdom. The ancient Sanskrit language, with its rich literary tradition and precise grammatical structures, serves as the linguistic bedrock upon which much of this knowledge rests. Through the study of Sanskrit texts, we gain access to a world of profound insights, unlocking the doors to a deeper understanding of the Indian intellectual heritage. Sanskrit, the language in which much of this knowledge is preserved, is not just a collection of ancient grammar rules. It's a gateway to a rich literary and philosophical tradition.

YogaShastra, the philosophy behind yoga, offers a holistic approach to well-being that can benefit anyone, from athletes to programmers (yes, even those of us who struggle to touch our toes!).

And finally, ArthaShastra, an ancient treatise on statecraft and governance, offers timeless principles that can be surprisingly relevant to modern leadership and management.

Join the IKS Revolution: From Learner to Contributor

Whether you're a curious student, a seasoned researcher, or an engineer looking to add a new dimension to your skillset, IKS offers a wealth of knowledge waiting to be explored. This isn't a passive journey — IKS encourages you to engage with the material, ask questions, and contribute to its revival.

The Indian Knowledge System might just be the secret ingredient for your next big innovation.

Ready to delve deeper? Stay tuned for further explorations into the fascinating world of IKS at [this GitHub repository](#).

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Indian Knowledge Systems

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Edit profile

Written by Yogesh Haribhau Kulkarni (PhD)

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PhD in Geometric Modeling | Google Developer Expert (Machine Learning) | Top Writer 3x (Medium) | More at <https://www.linkedin.com/in/yogeshkulkarni/>

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This screenshot shows a GitHub repository page for 'TeachingDataScience'. The repository is public and has 1 branch and 0 tags. The 'Code' tab is selected. A commit by 'yogeshhk' is visible, adding info to an 'llm evaluation' file. Other commits include creating 'LICENSE', 'README.md', and 'SECURITY.md' files. The repository has 18 watchers and 75 forks. The sidebar on the right provides an 'About' summary, listing topics like Data Science, LaTeX, Python, and machine learning, along with links to Readme, MIT license, security policy, activity, stars, watching, and forks.

Yogesh Haribhau Kulkarni (PhD) in Technology Hits

Teaching Data Science

An open-source repository for teaching material, open-free to all

4 min read · Mar 4, 2024

This is a screenshot of a Medium article. The title is 'Teaching Data Science' and it describes an open-source repository for teaching material. The article was published on March 4, 2024, and is a 4-minute read. It includes social sharing icons for Twitter, LinkedIn, and a copy link, along with a 'More' options menu.

This screenshot shows a GitHub repository page for 'Sarvadnya'. The repository is public and has 1 branch and 0 tags. The 'Code' tab is selected. A commit by 'yogeshhk' updated manim docs. Other commits include moving data and models, renaming files, and backing up files. The repository has 11 forks and 19 stars. The sidebar on the right provides an 'About' summary, stating the repo is a collection of PoCs to interface custom data using LLMs, along with links to Readme, MIT license, code of conduct, activity, stars, watching, and forks. There is also a 'Releases' section indicating no releases have been published.



Yogesh Haribhau Kulkarni (PhD) in Technology Hits

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Input Settings

Assistant Role Name

Accountant

User Role Name

Entrepreneur

Task

Preparing and filing tax returns.

Word Limit for Task Brainstorming

100

-

+

CAMEL-Langchain-VertexAI Agent

Conversation

AI User (Entrepreneur):

Instruction: Gather all the financial records for the year. Input: None

AI Assistant (Accountant):

Solution: The accountant will gather all necessary financial records, such as receipts, invoices, and bank statements, for the year. Next request.

AI User (Entrepreneur):

Instruction: What tax forms need to be filed? Input: None

AI Assistant (Accountant):

Solution: The accountant will determine which tax forms need to be filed based on the type of business and the income that was generated. Next request.



Yogesh Haribhau Kulkarni (PhD) in Google Developer Experts

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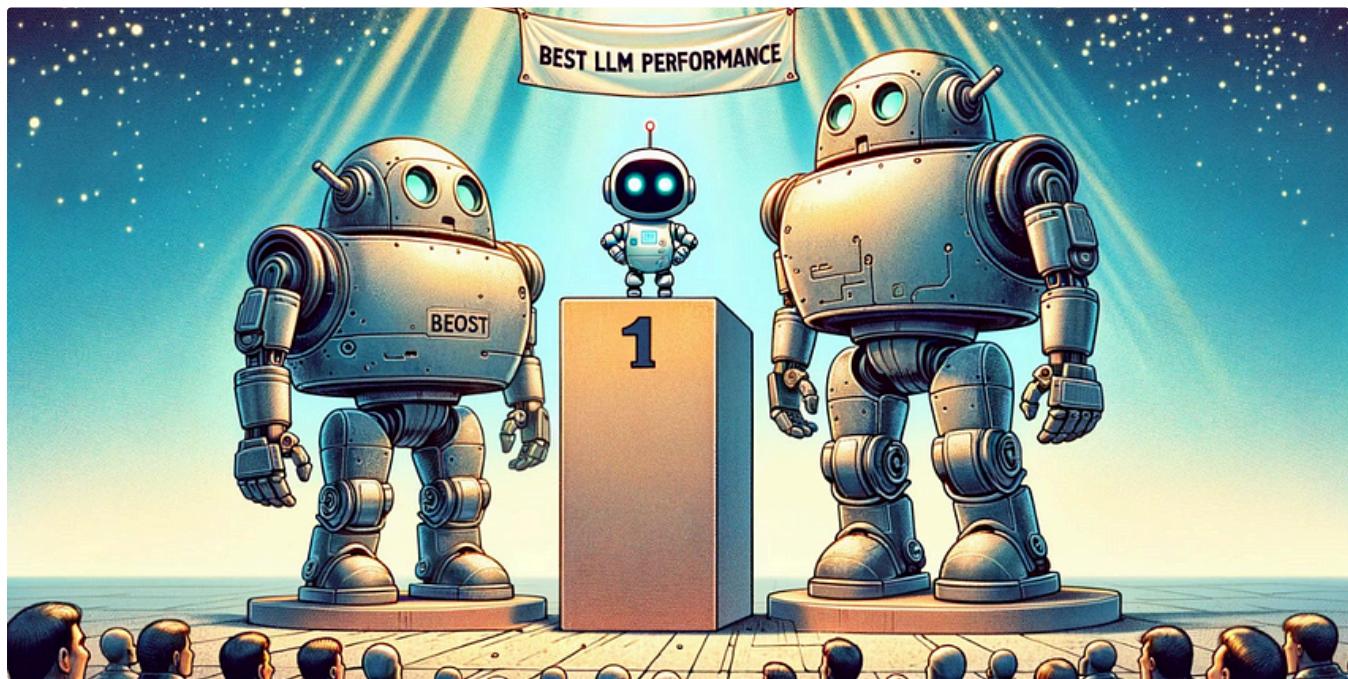
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