

RikNetra Quick Learning Guide

Welcome to **RikNetra**, an interactive web application for exploring the ancient Rigveda (RV) hymns. This tool allows you to search hymns, visualize connections between them based on semantic similarities, and read their bilingual (Sanskrit and English) texts. RikNetra uses graph visualizations to show hymn relationships, making it easier to discover interconnected themes in the Rigveda.

This guide provides step-by-step instructions on how to use the app. It covers navigation, each main page, and tips for effective use. The app is designed for researchers, students, and enthusiasts of ancient texts. Visual aids (screenshots) are included inline with descriptions and annotations to illustrate key features.

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Version: 1.0

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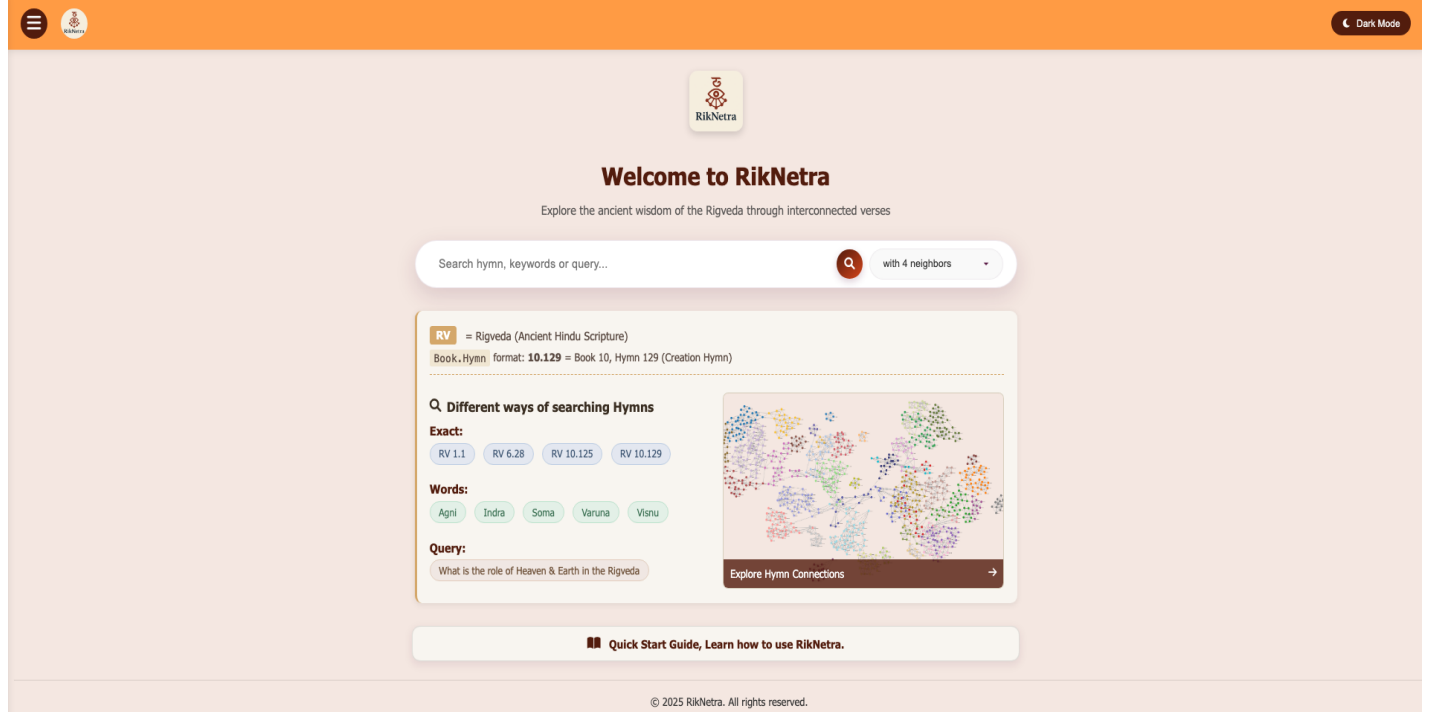


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Getting Started

- **Access the App:** Open the app in a modern web browser (e.g., Chrome, Firefox).
- **System Requirements:** No special software needed—just an internet connection for loading data.
- **Key Concepts:**
 1. **Hymn (Sukta):** Referred to as "RV Book.Hymn" (e.g., RV 1.1 is Book 1, Hymn 1).
 2. **Connections:** Hymns are linked based on shared topics or semantics. Databases vary by connection depth (e.g., "4 connections" means up to 4 related hymns per node).
 3. **Graph Visualization:** Nodes represent hymns; edges show connections.
 4. **Quick Start:** Download the Quick Start Guide PDF from the home page for a visual overview.

Common Navigation Elements

These appear on all pages for consistent user experience.

1. Header Controls:

- **Dark Mode Toggle:** Click the moon icon button to switch between light and dark themes for better readability.
- **Kebab Menu (≡):** Click the bars icon to open the side panel.
- **Home Logo:** Click the RikNetra logo (top-left) to return to the home page.

2. Side Panel:

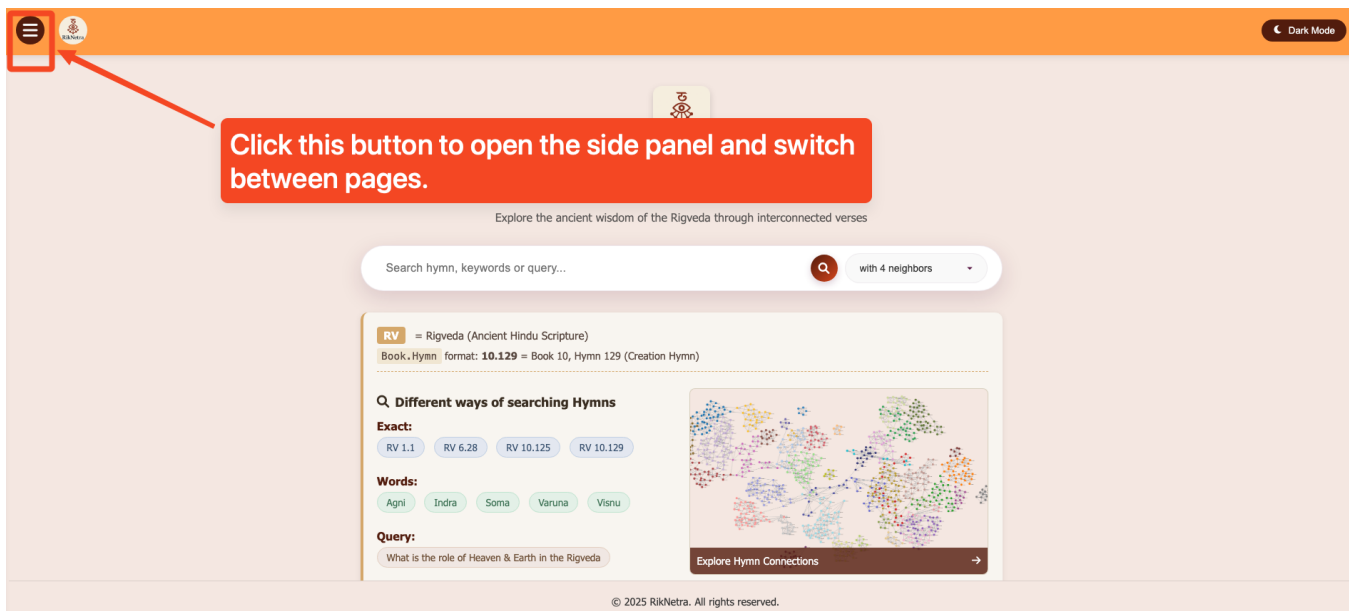
- Opens via the kebab menu.
- Links:
 - i. **Home:** Go to the main search page.
 - ii. **Hymn Connections:** View the full graph of hymn relationships.
 - iii. **Read Hymns:** Directly access hymn texts.
 - iv. **Development Team:** Learn about the creators of RikNetra
- Close the panel by clicking outside or the kebab menu again.

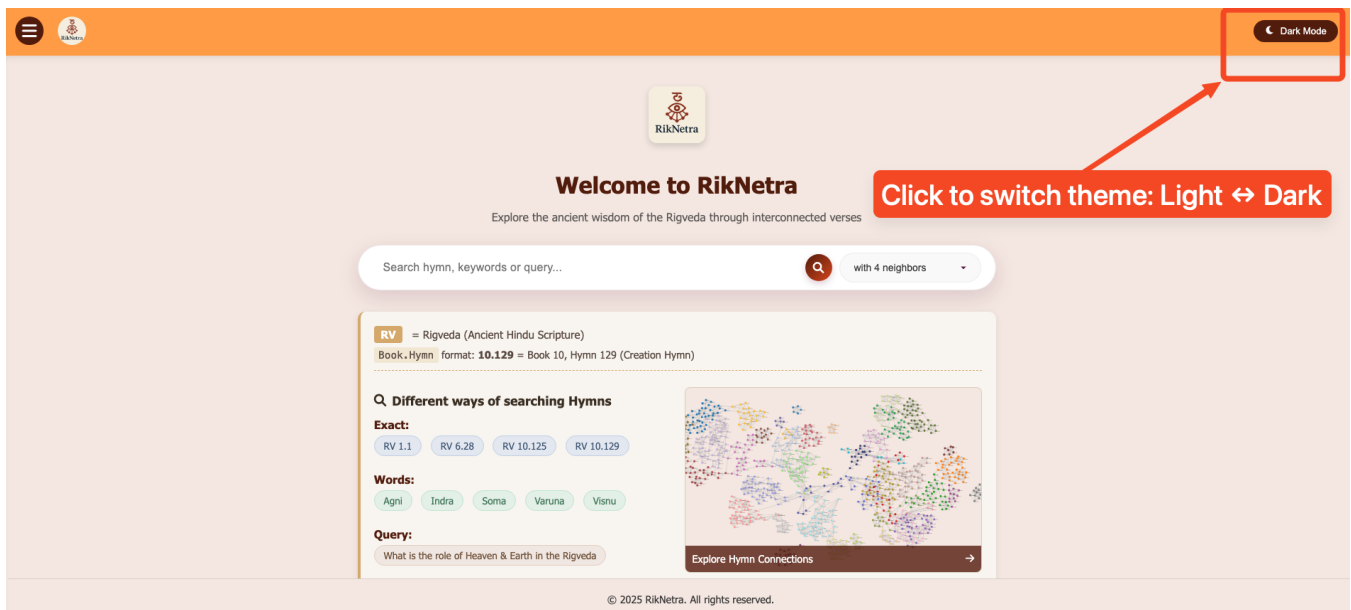
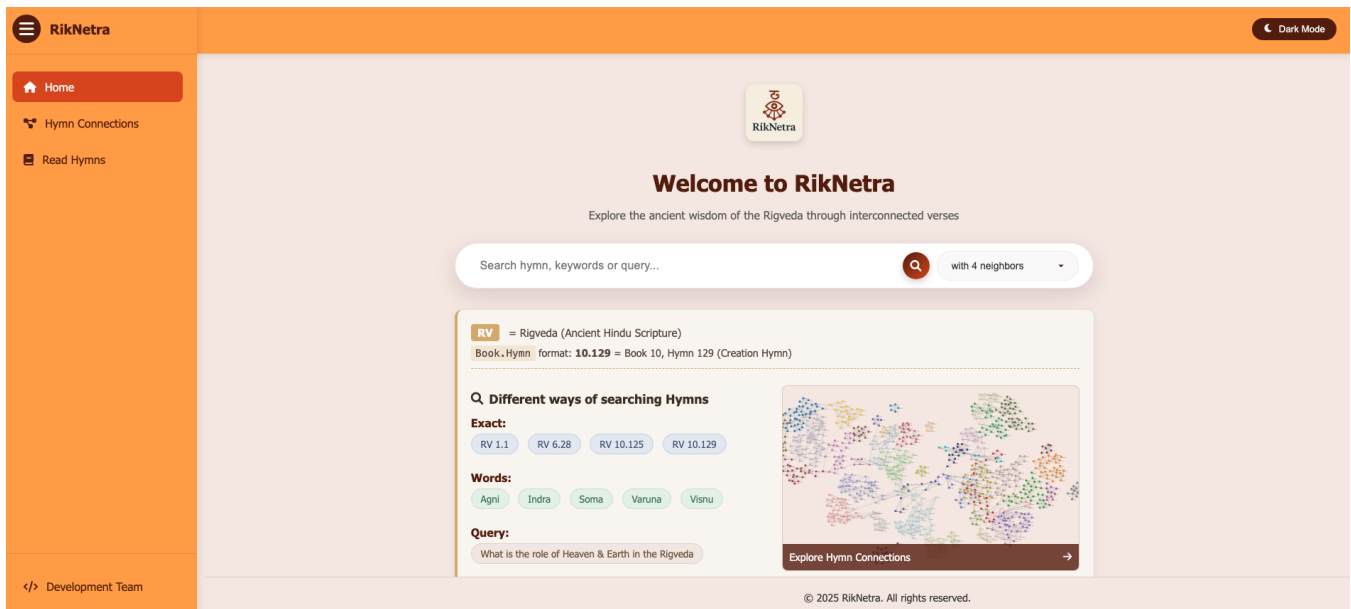
3. Database Selection:

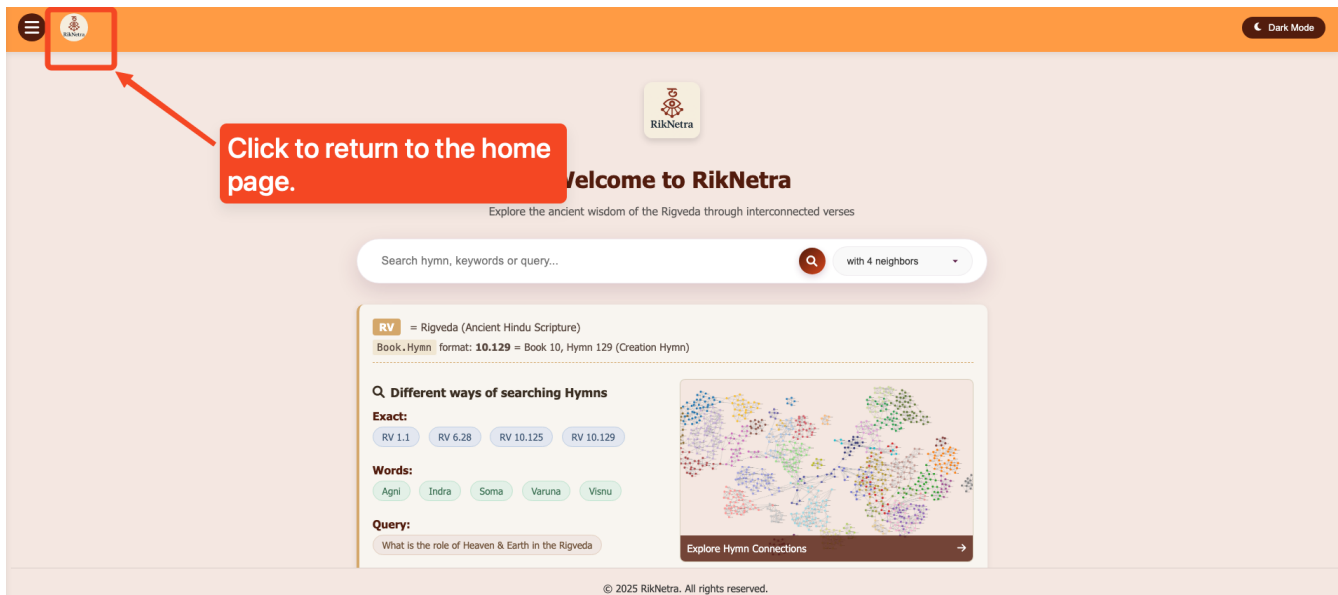
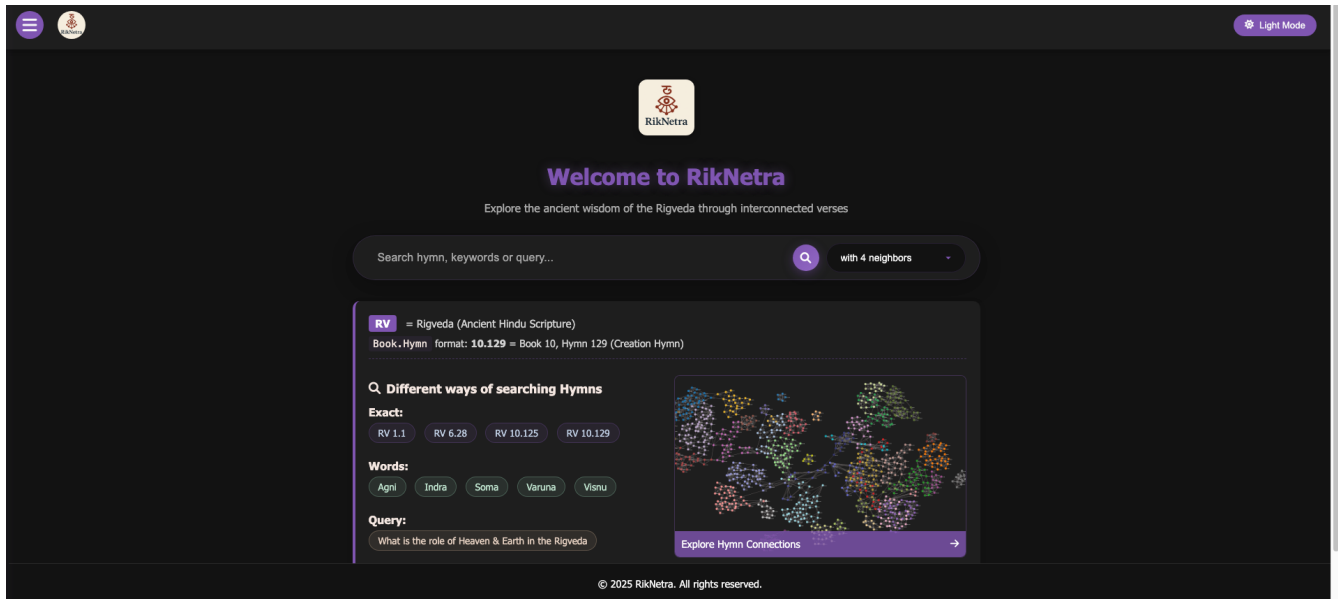
- Available on most pages as a dropdown (e.g., "Choose Connections: 4 connections").
- Options range from 2 to 10 connections per hymn. Higher numbers show more links but may clutter the graph.
- Changing this reloads data—use lower for simpler views, higher for deeper analysis.

4. Search Input:

- Present on multiple pages. Enter hymn numbers (e.g., "RV 1.1"), keywords (e.g., "Agni"), or queries (e.g., "What is creation").
- Press Enter or click the search button to submit.







Home Page

The home page is the main entry point for searching and discovering hymns.

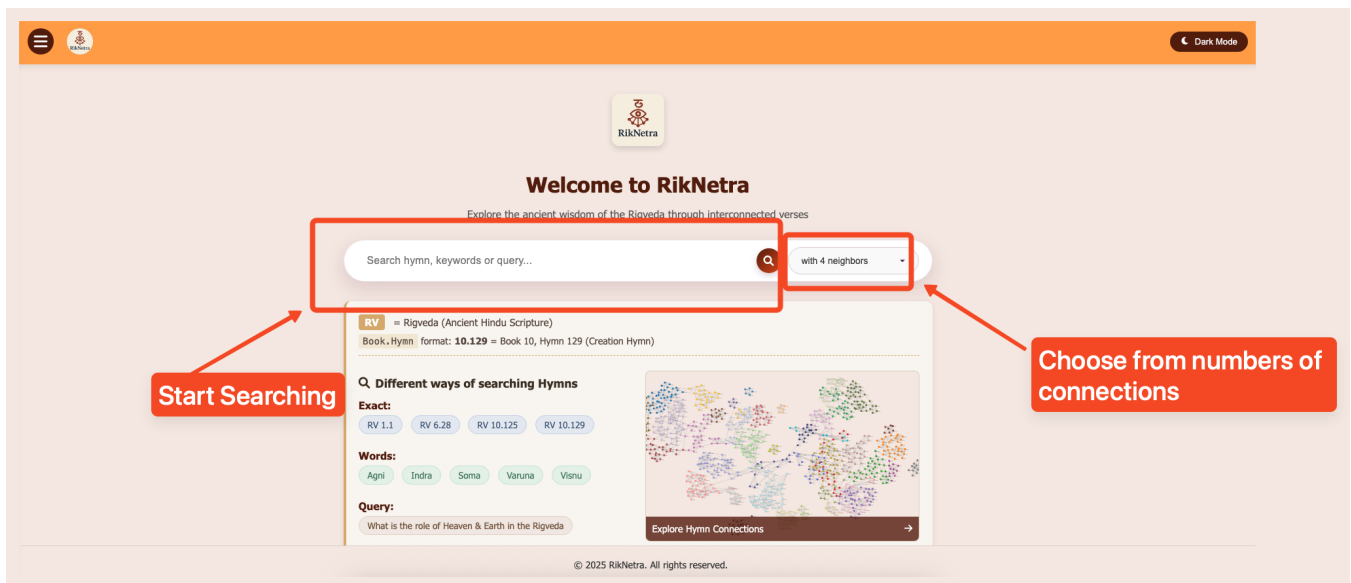
Key Features:

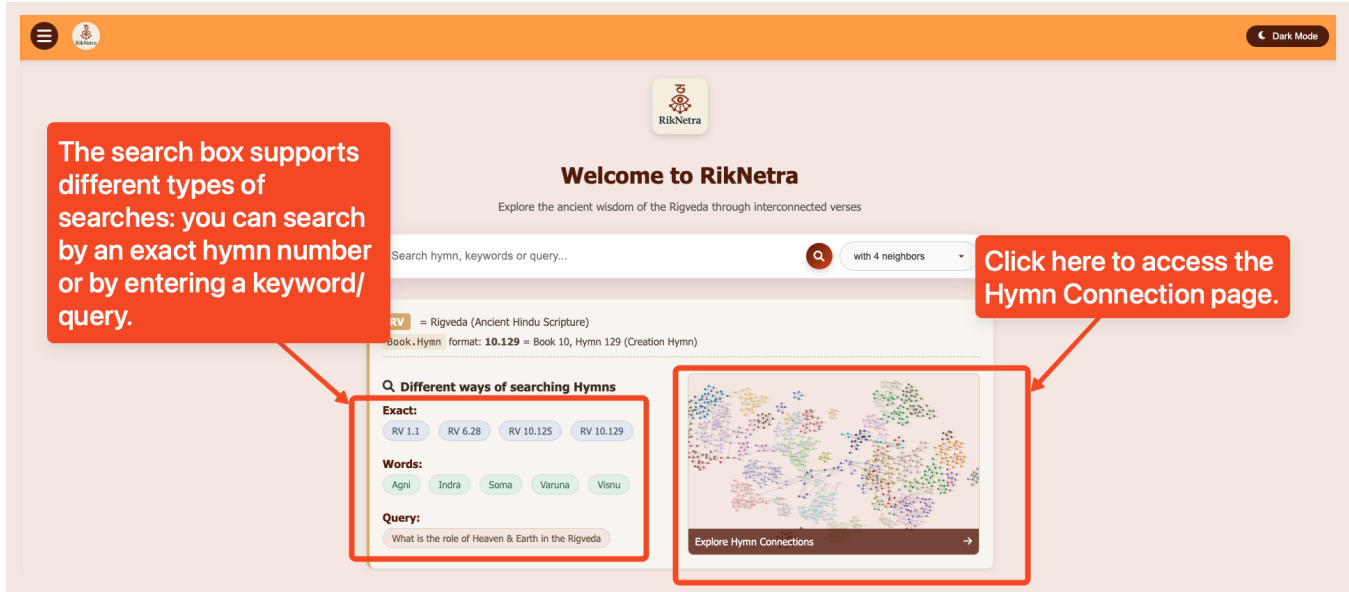
- **Welcome Section:** Introduces the app with a logo and brief description.
- **Search Section:** Central search bar with examples.
- **Results Layout:** Divided into Top Results (left), Related Hymns Graph (center), and Summary (right).
- **Quick Guide Link:** Download a PDF guide.

Step-by-Step Usage:

1. Perform a Search:

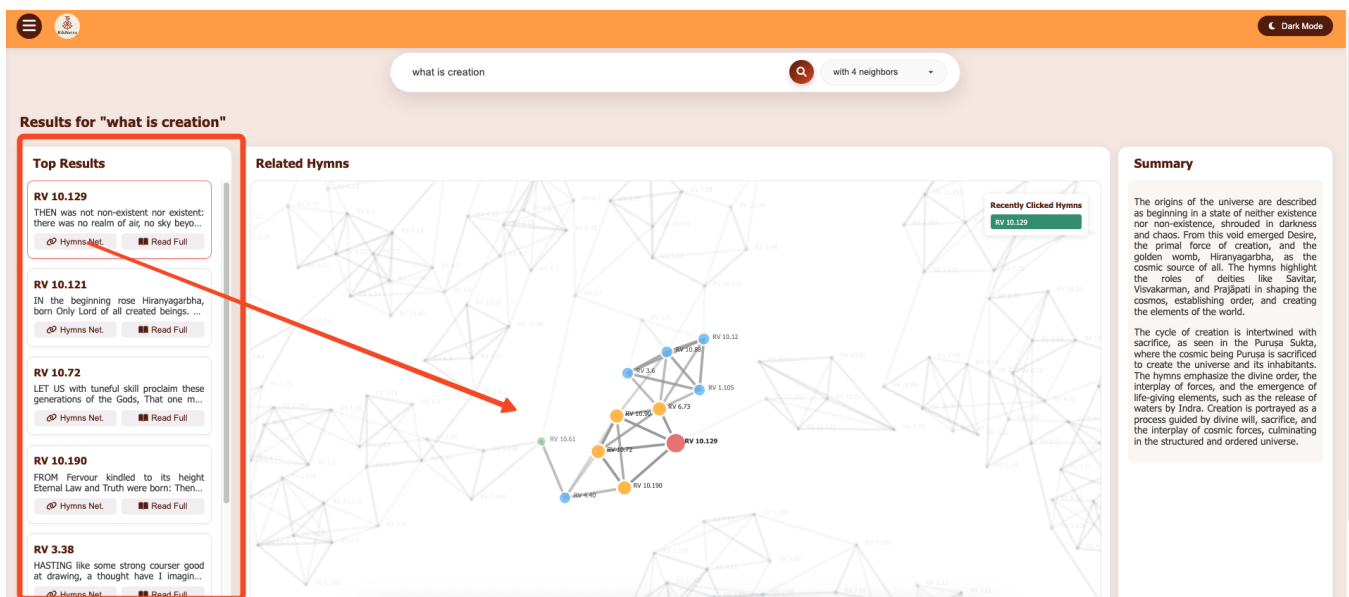
- Type in the search box (e.g., "RV 10.129" for an exact hymn, "Agni" for keyword matches, or "What is the prominence of Water" for semantic queries).
- Use the tags below for quick examples (click a tag like "RV 1.1" or "What is creation" to auto-fill the search).
- Select a database (e.g., "with 4 neighbors") to control connection depth.
- Click the search icon or press Enter.
- The welcome section hides, and results appear.





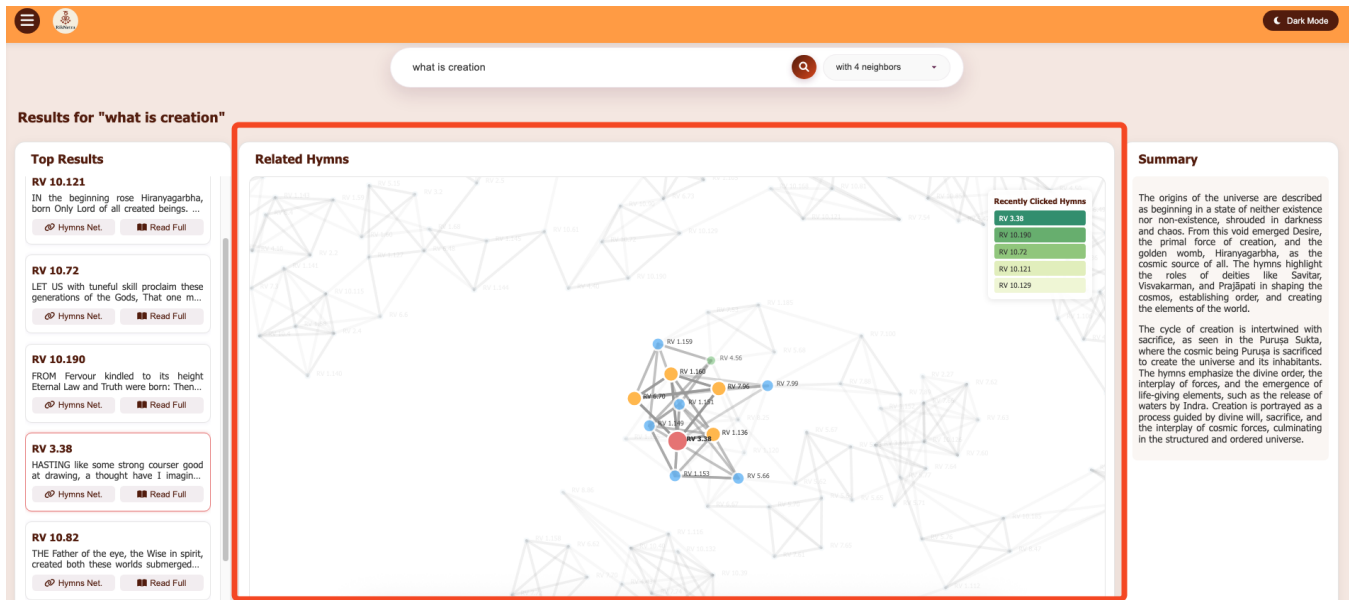
2. View Top Results (Left Panel):

- Shows 10 matching hymns as cards.
- Each card includes: Hymn name, preview text, and buttons.
- **Actions:**
 - Click "Hymns Net." to highlight connections in the graph.
 - Click "Read Full" to open the hymn in the Read Hymns page.



3. Explore Related Hymns Graph (Center Panel):

- A D3.js graph shows hymns as nodes (circles) and connections as lines.
- Colors: Selected (red), Direct (orange), Secondary (blue), Tertiary (green).
- Interactions:
 - i. Hover over a node for a tooltip with the hymn name.
 - ii. Click a node to select it, zoom in, and highlight connections. It also performs an exact search for that hymn.
 - iii. Drag nodes to reposition.
 - iv. Zoom/pan the graph using mouse wheel or touch gestures.
 - v. Click edges to highlight connected nodes.
- **Recently Clicked Hymns:** Lists the last 5 clicked hymns—click one to re-search it.



Recently Clicked Hymns

- RV 3.38
- RV 10.190
- RV 10.72
- RV 10.121
- RV 10.129

Level of Connections

- Selected Hymn
- Direct Connections
- Secondary Connections
- Tertiary Connections

The origins of the universe are described as beginning in a state of neither existence nor non-existence, shrouded in darkness and chaos. From this void emerged Desire, the primal force of creation, and the golden womb, Hiranyagarbha, as the cosmic source of all. The hymns highlight the roles of deities like Savitar, Visvakarman, and Prajapati in shaping the cosmos, establishing order, and creating the elements of the world.

The cycle of creation is intertwined with sacrifice, as seen in the Purusa Sukta, where the cosmic being Purusa is sacrificed to create the universe and its inhabitants. The hymns emphasize the divine order, the interplay of forces, and the emergence of life-giving elements, such as the release of waters by Indra. Creation is portrayed as a process guided by divine will, sacrifice, and the interplay of cosmic forces, culminating in the structured and ordered universe.

4. Read Summary (Right Panel):

- Displays a generated summary (RAG-based) of search results.
- For exact matches, this panel may hide.

Results for "what is creation"

Top Results

- RV 10.129**
THEN was not non-existent nor existent: there was not realm of air, no sky beyond...
- RV 10.121**
IN the beginning rose Hiranyagarbha, born Only Lord of all created beings...
- RV 10.72**
LET US with tuneful skill proclaim these generations of the Gods, That one m...
- RV 10.190**
FROM Fervour kindled to its height Eternal Law and Truth were born: Then...
- RV 3.38**
HASTING like some strong courser good at drawing, a thought have I imagin...

Related Hymns

Summary

The origins of the universe are described as beginning in a state of neither existence nor non-existence, shrouded in darkness, with no realm of air or sky. From this void emerged Desire, the primal force of creation, and the concept of Hiranyagarbha, the golden womb, as the cosmic source of all. The hymns highlight the roles of deities like Savitar, Visvakarman, and Prajapati in shaping the cosmos, emphasizing the cycle of creation, sacrifice, and divine order.

The universe is portrayed as emerging from a primordial chaos, with the elements and beings formed through sacrificial acts and the power of the gods. The Purusa, a cosmic being, is central to this process, as his sacrifice gives rise to the various elements, creatures, and social classes. The hymns also underscore the interconnectedness of the cosmos, with the gods and natural forces working in harmony to establish and maintain the world.

Dark Mode

1.5

with 4 neighbors

Results for "1.5"

Top Results

RV 1.5

O COME ye hither, sit ye down: to Indra
sing ye forth, your song, companions,
bringing hymns of praise. To him the richest
of the rich, the Lord of treasures excellent,
Indra, with Soma juice outpoured. May he
stand by us in our need and in abundance
for our wealth: May he come nigh us wi...

Hymns Net.

Read Full

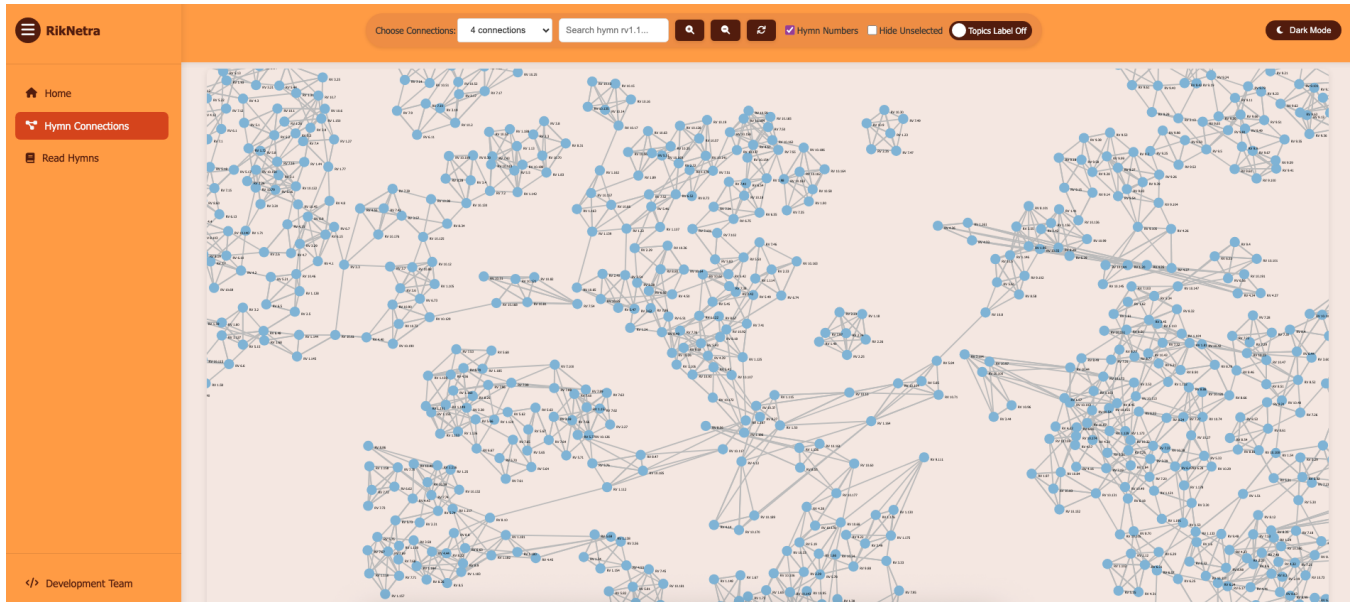
Related Hymns

Recently Chosen Hymns

No summary in case of exact hymn number searching.

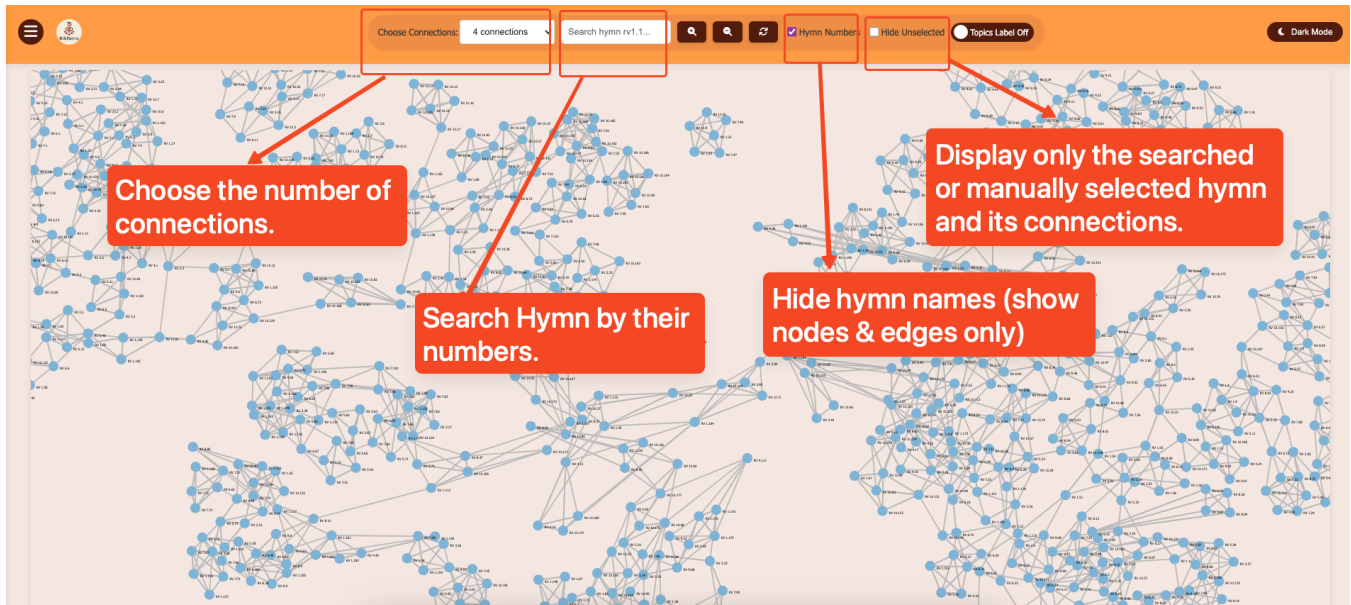
Hymn Connections Page

This page (suktasconnection.html) focuses on visualizing the full network of hymn connections in a detailed graph.



Key Features:

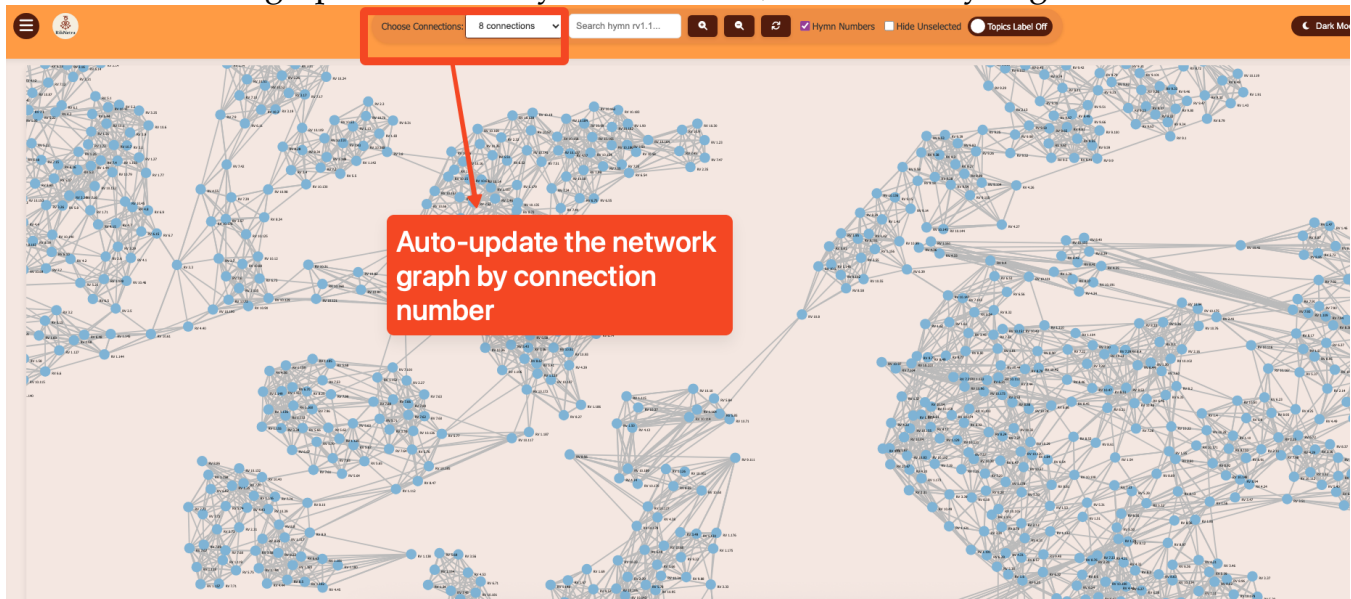
- **Graph Container:** Large interactive graph.
- **Controls Bar:** Database selection, search, zoom buttons, toggles.
- **Tooltip/Popup:** Details on hover / click.
- **Color Legend:** Toggle to color nodes by topics (e.g., Creation, Marut).

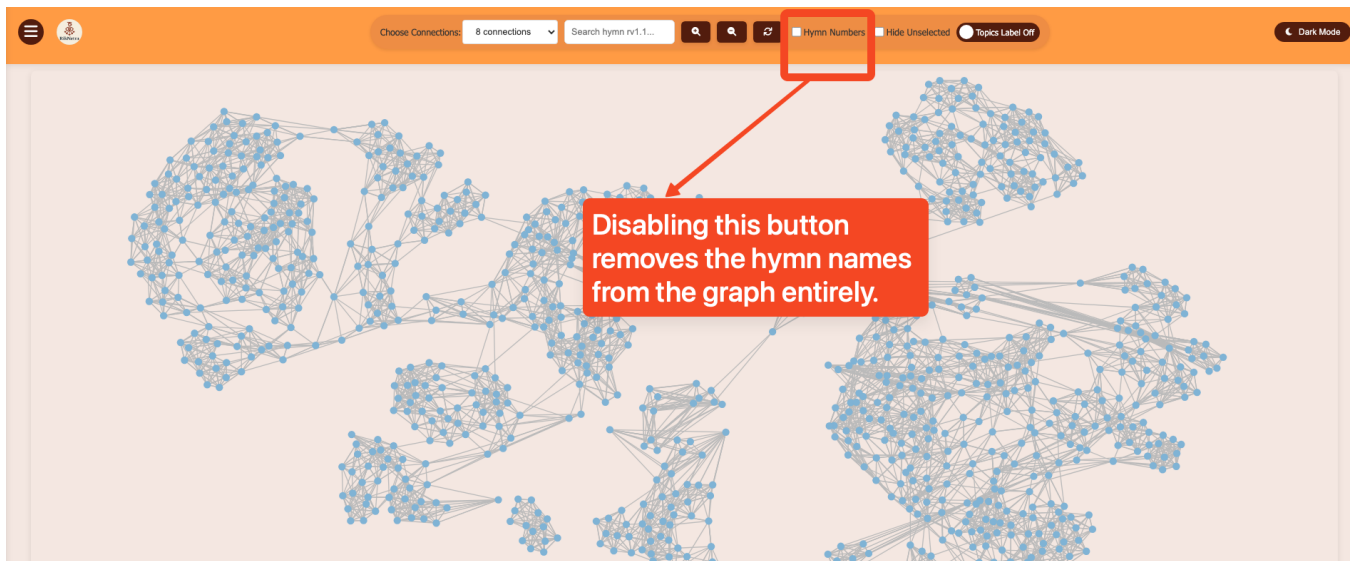


Step-by-Step Usage:

1. Load the Graph:

- Select a database (e.g., "4 connections") from the dropdown—it loads automatically.
- The graph shows all hymns as nodes, connected by edges



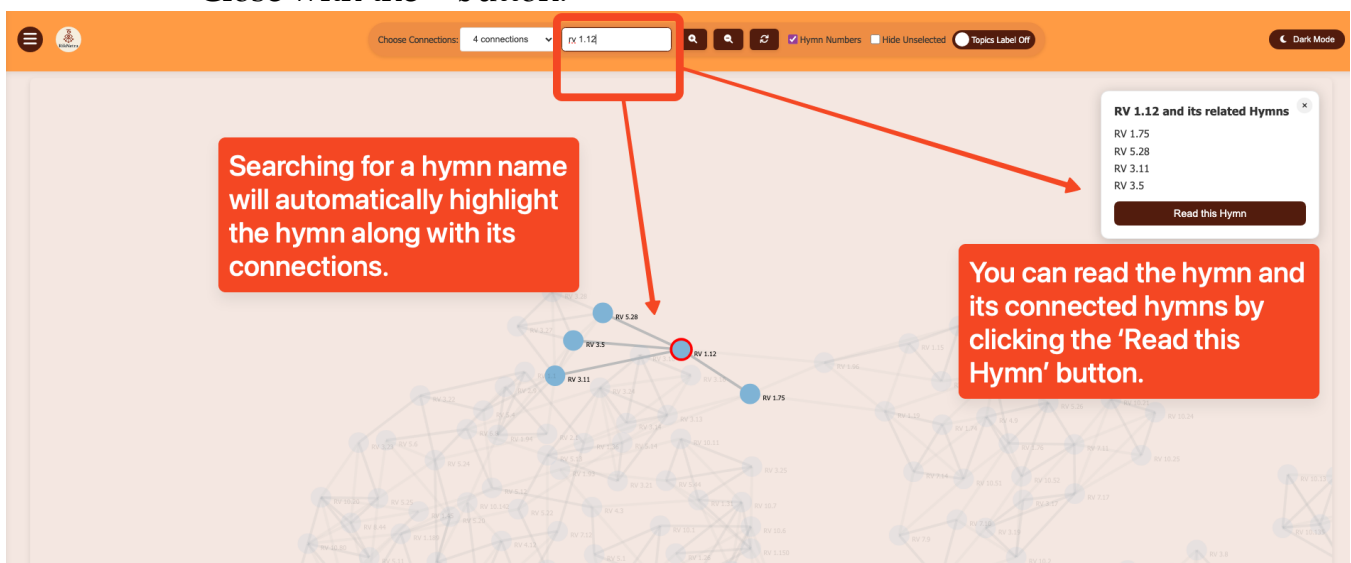


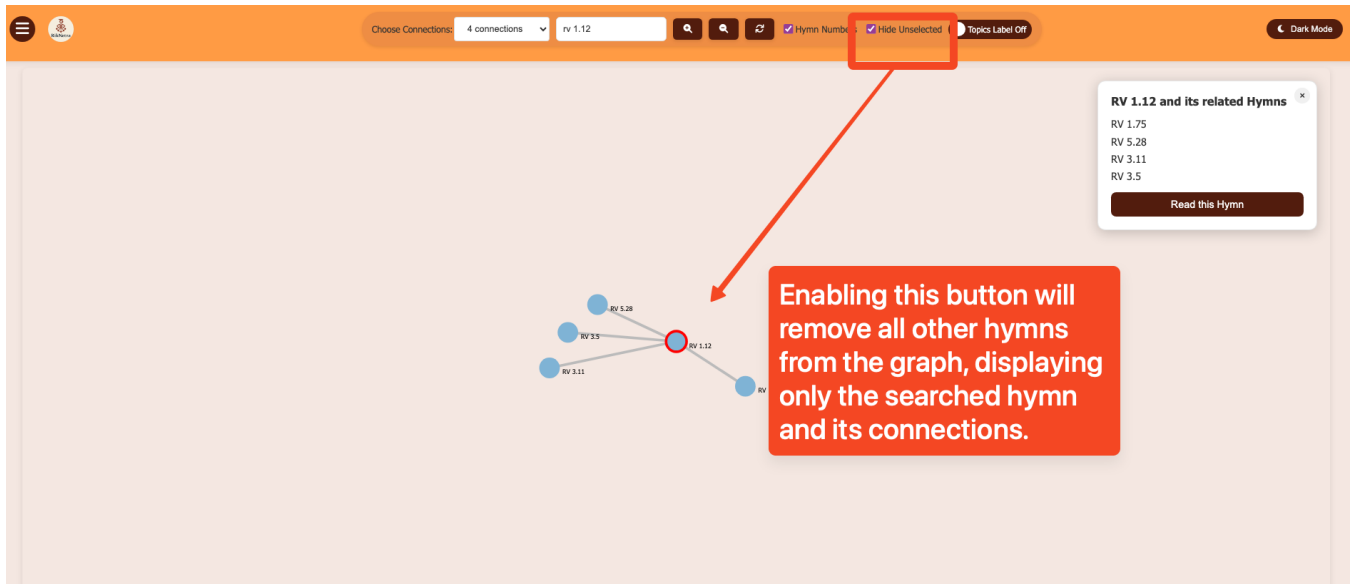
2. Search for a Hymn:

- Enter a hymn (e.g., "rv1.1") in the search input.
- The graph zooms to the node, highlights it (red stroke), and shows connected nodes.

3. Use the Popup:

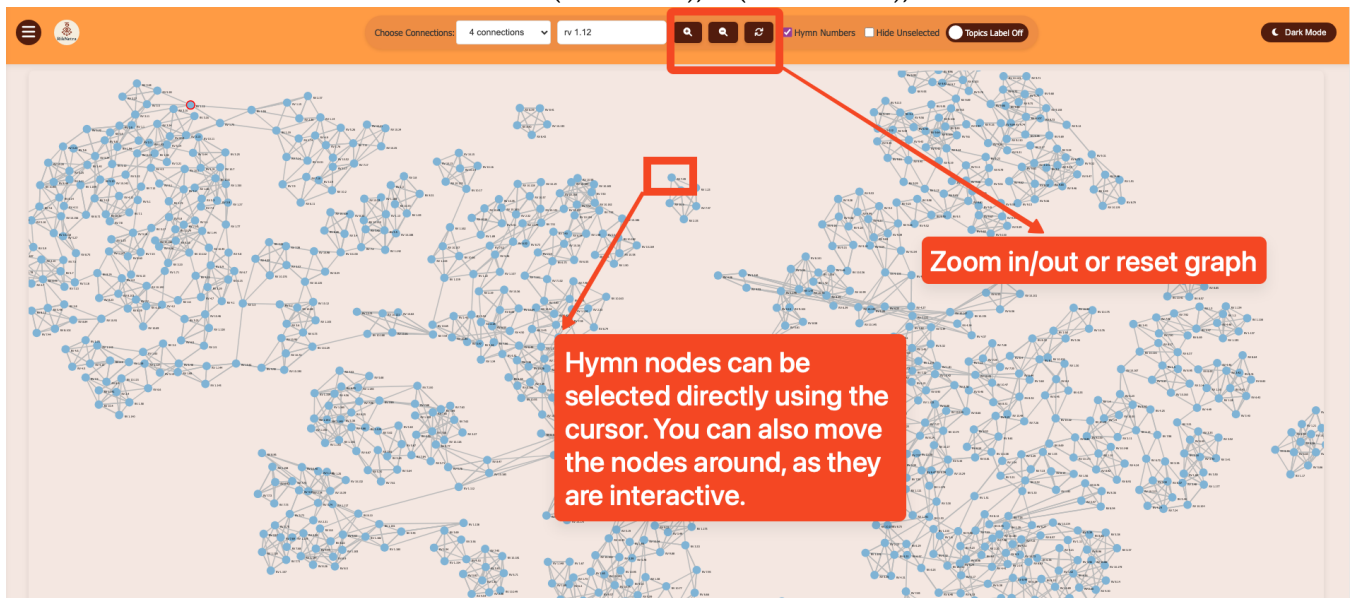
- Shows selected hymn and related ones (sorted by connection strength).
- Click "Read this Hymn" to open in the Read Hymns page.
- Close with the × button.





4. Interact with the Graph:

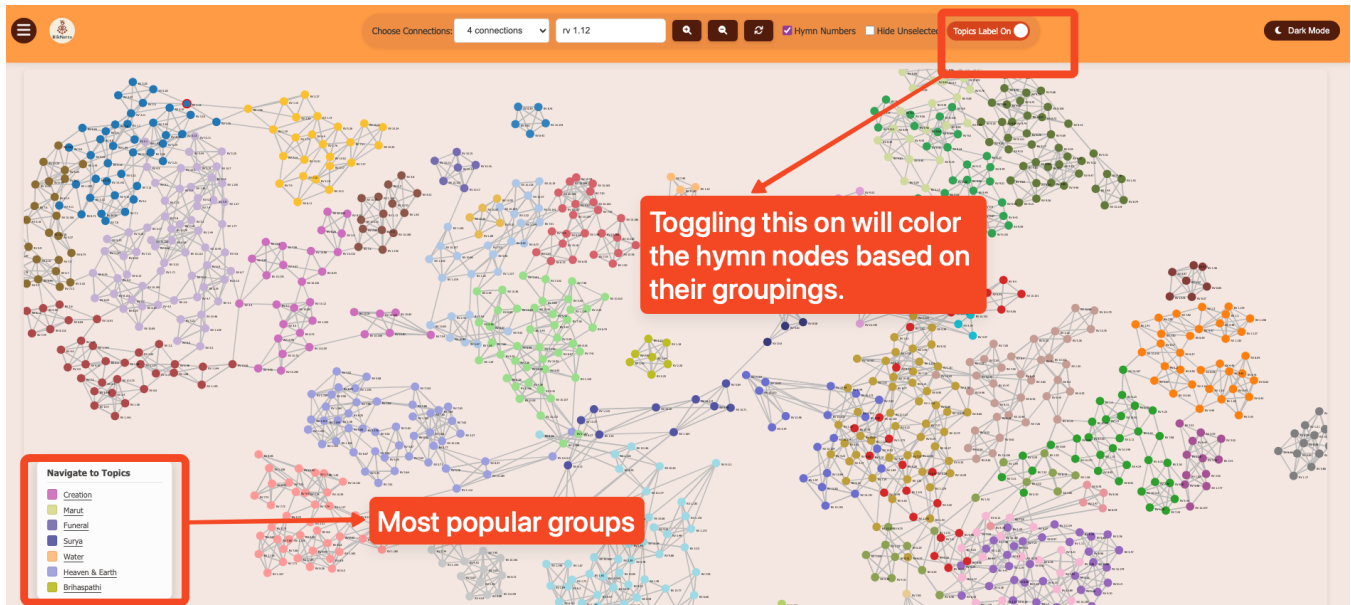
- **Hover:** Tooltip shows hymn name.
- **Click Node:** Opens a popup with the hymn and its connections. Zooms in and highlights (red edges/nodes).
- **Click Edge:** Highlights connected nodes (red edge).
- **Drag Node:** Reposition for better view.
- **Zoom Controls:** Use + (zoom in), - (zoom out), or reset button.



- **Toggles:**

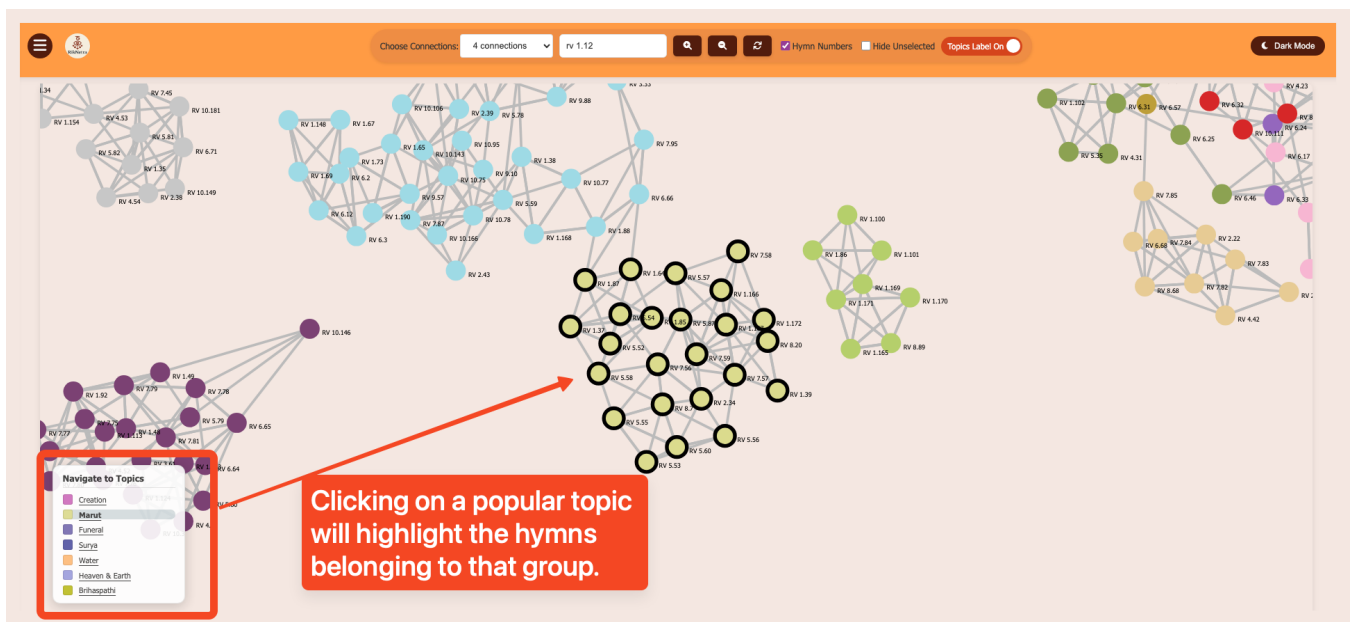
- a) "Hymn Numbers": Show /hide node labels.

- b) "Hide Unselected": Isolate the selected node and its connections.
- c) "Topics Label On/Off": Color nodes by topics and show legend.



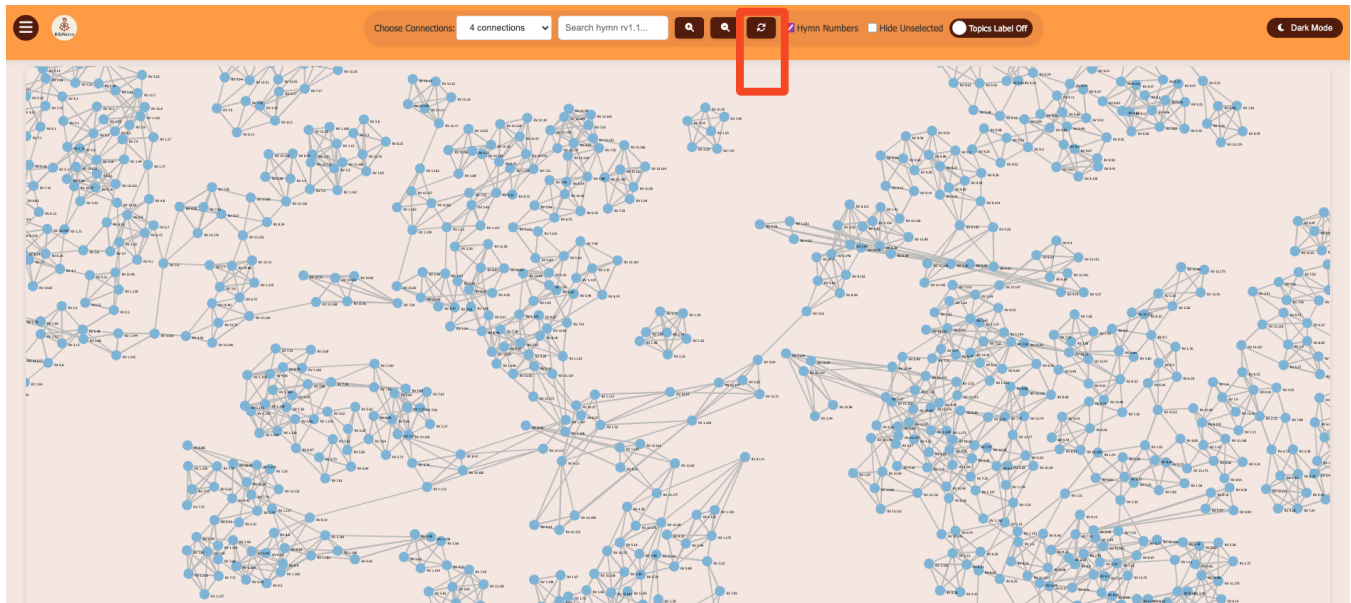
5. Legend Interactivity:

- When topics toggle is on, click a legend item (e.g., "Creation") to highlight group of hymns and zoom to their center.



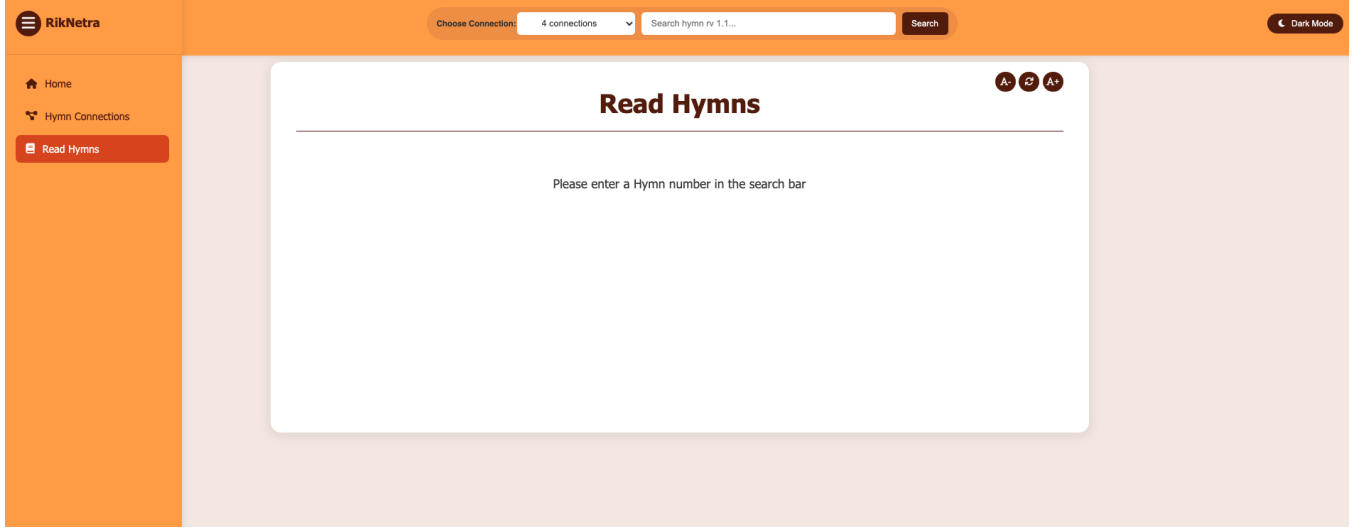
6. Reset:

- Click the reset button to reload the full graph.



Read Hymns Page

This page displays the full text of a specific hymn in bilingual format.



Key Features:

- **Chapter Name:** Displays the selected hymn (e.g., "RV 10.129").
- **Bilingual Text:** Sanskrit (left) and English (right) columns.
- **Related Hymns:** Dropdown list of connected hymns.
- **Font Controls:** Adjust text size.

Step-by-Step Usage:

1. Access a Hymn:

- From other pages: Click "Read Full" or "Read this Hymn".
- Directly: Search for a hymn (e.g., "rv 1.1") and click Search.

The number of related hymns varies based on the selected connections.

You can search a hymn number directly to access its text as well as the texts of related hymns.

2. View Texts:

- Sanskrit on left, English on right.
- If no text available, a message shows.

3. Explore Related Hymns:

- Scroll to "Related Hymns" section (Based on the number of connections selected).
- Click a hymn name to toggle its dropdown.
- View bilingual preview in the dropdown.

Choose Connection: 4 connections rv 10.23 Search Dark Mode

अथ वात सुख्य सुत मधुवदनात् वाता यथा वनम् ॥ १०.२३.०४
यो वाया विवाचो गुणीमसि पुरुस सहस्राक्षिवा जघान् ।
तदुदितस्य पौर्यं गुणीमसि पिबेव यस्तविषी वाक्पथे शब्दः ॥ १०.२३.०५
स्तोमं न इन्द्र विष्टदा अंजीवनमूर्ध्वं पुरुहन्तं सुदामने ।
विषा हंस्य भोजनस्त्रिनस्य यदा पुशुं न गोपाः कंदमहे ॥ १०.२३.०६
मर्त्तिर्न पुत्रा सुख्या वि यौमुस्तवं वेद विमुदस्यं च ऋषेः ।
विषा हि ते प्रमतिं देव जायिषदत्से ते सन्तु सुख्या शिवानि ॥ १०.२३.०७

Which his two Tawny Coursers draw, then Indra is the Sovran Lord
of power whose glory spreads afar.
With him too is this rain of his that comes like herds: Indra throws
drops of moisture on his yellow beard.
When the sweet juice is shed he seeks the pleasant place, and stirs
the worshipper as wind disturbs the wood.
We laud and praise his several deeds of valour who, fatherlike, with
power hath made us stronger;
Who with his voice slew many thousand wicked ones who spake in
varied manners with contemptuous cries.
Indra, the Vimadas have formed for thee a laud, copious,
unparalleled, for thee Most Bountiful.
We know the good we gain from him the Mighty One when we
attract him as a herdsman calls the kine.
Ne'er may this bond of friendship be dissevered, the Rsi Vimada's
and thine, O Indra. We know thou carest for us as a brother with
us, O God, be thine auspicious friendship.

Related Hymns

- RV 8.4
- RV 6.44
- RV 10.42
- RV 8.52

Choose Connection: 8 connections Search hymn rv 1.1... Search Dark Mode

If 8 connections are selected, 8 related hymns will be displayed.

Related Hymns

- RV 8.4
- RV 6.44
- RV 10.42
- RV 8.52
- RV 10.48
- RV 3.60
- RV 8.51
- RV 8.1

Choose Connection: 8 connections Search hymn rv 1.1... Search Dark Mode

unparalleled, for thee Most Bountiful.
We know the good we gain from him the Mighty One when we
attract him as a herdsman calls the kine.
Ne'er may this bond of friendship be dissevered, the Rsi Vimada's
and thine, O Indra. We know thou carest for us as a brother with
us, O God, be thine auspicious friendship.

Related Hymns

RV 8.4

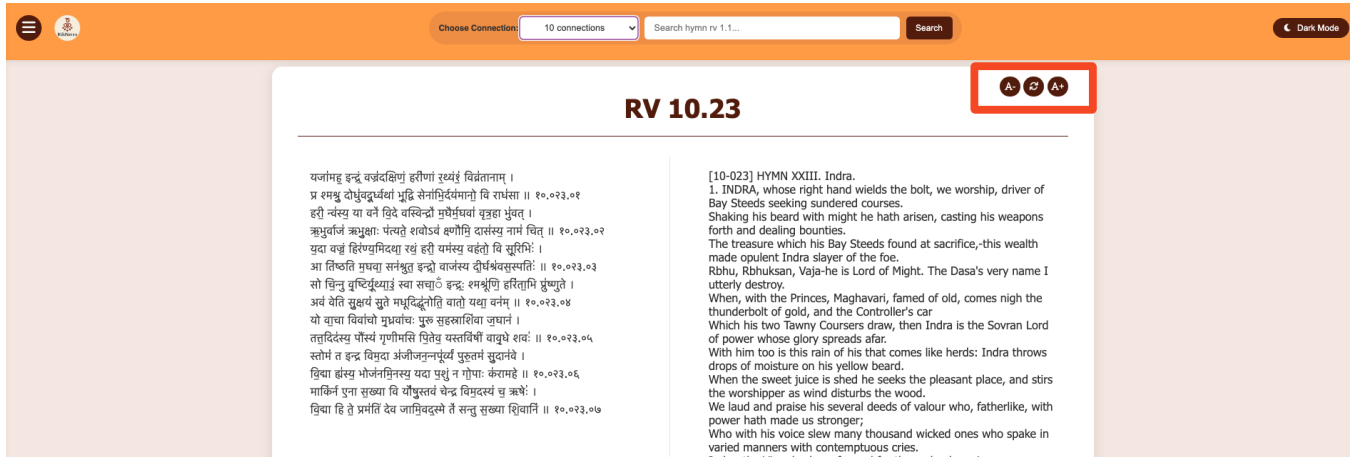
सदिन्द्र प्रापापुनरुदयं वा हारसे नृभिः ।
सिन्धो पुत्र नृपते अस्मजुदेति प्रत्यं तुर्वी ॥ ८.००४.०१
सदा ऋते स्वयंके कृत्तु इन्द्रं पादयिषे स्यात् ।
कण्वसिस्तु ब्रह्मभिः सोमयासु इन्द्रा यंचन्या गहि ॥ ८.००४.०२
सदां गृहेतुं भुपा कृतं तुष्टनेत्यवशिष्टम् ।
आग्निधे नं प्रविष्टे तुष्टया गहि कण्वेषु वृ प्रया विषं ॥ ८.००४.०३
मन्दनु त्वा मधवमिन्द्रेन्दो सरोदेवाय सुवृते ।
आपुण्या सोमपिबिष्वम् सुतं ज्येष्ठे तदभिषे सहः ॥ ८.००४.०४
प्र पृक्षे सहसा सही वमज्जं मयुवांसरा ।
विष्वे न इन्द्र पुराणयो सदा नि वृक्षा इव सेमिरे ॥ ८.००४.०५
सहस्रीनेय सवते यदीयुषा यस्तु आनृक्षंस्तुतिम् ।
पुत्रं प्राङ्गं कृणुते सुवीर्यं साक्षोति नमस्विभिः ॥ ८.००४.०६

[06-004] HYMN IV. Indra.
1. THOUGH, Indra, thou art called by men eastward and
westward, north and south, Thou artfully art with Anava and
Turvasa, brave Champion I urged by men to Come. 2 Or,
Indra, when with Rusa, Rusama, Syavaka, and Krpa thou re-
joicest thee.
Still do the Kanvas, bringing praises, with their prayers, O
Indra, draw thee hither: come. 3 Even as the wild-bull, when
he thirsts, goes to the desert's watery pool,
Come hither quickly both at morning and at eve, and with
the Kanvas drink thy fill.
4 May the drops gladden thee, rich Indra, and obtain bounty
of him who pours the juice. Soma pressed in the mortar
set thou take and drink, and hence hast won surpassing
might. 5 With mightier strength he conquered strength, with
fery he crushed their wrath.
Indra, Strong in youth, all those who sought the fray bent
d bowed down to thee like trees. 6 He who wins promise
thine aid goes girt as with a thousand mighty men of war.
He makes his son preeminent in hero might - he serves with
verental prayer. 7 With thee, the Mighty, for our Friend,
he will riot fear or feel fatigues.
May we see Turvasa and Yadu: thy great deed, O Hero, must
be glorified.
On his left hip the Hero hath reclined himself: the proffered

You can click the dropdown button on a related hymn to expand and read its text.

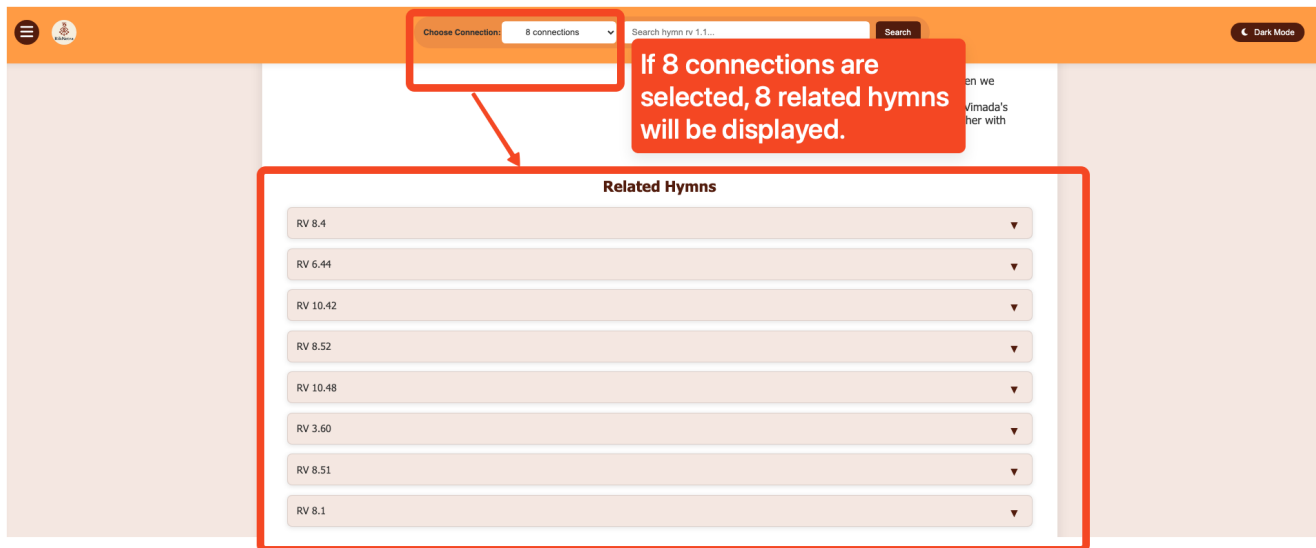
4. Adjust Font:

- Use + (increase), - (decrease), or Reset buttons.
- Changes apply to all text and persist.



5. Change Database or Search:

- Select a new connection— Number of Related Hymns changes.
- Search for another hymn to switch.

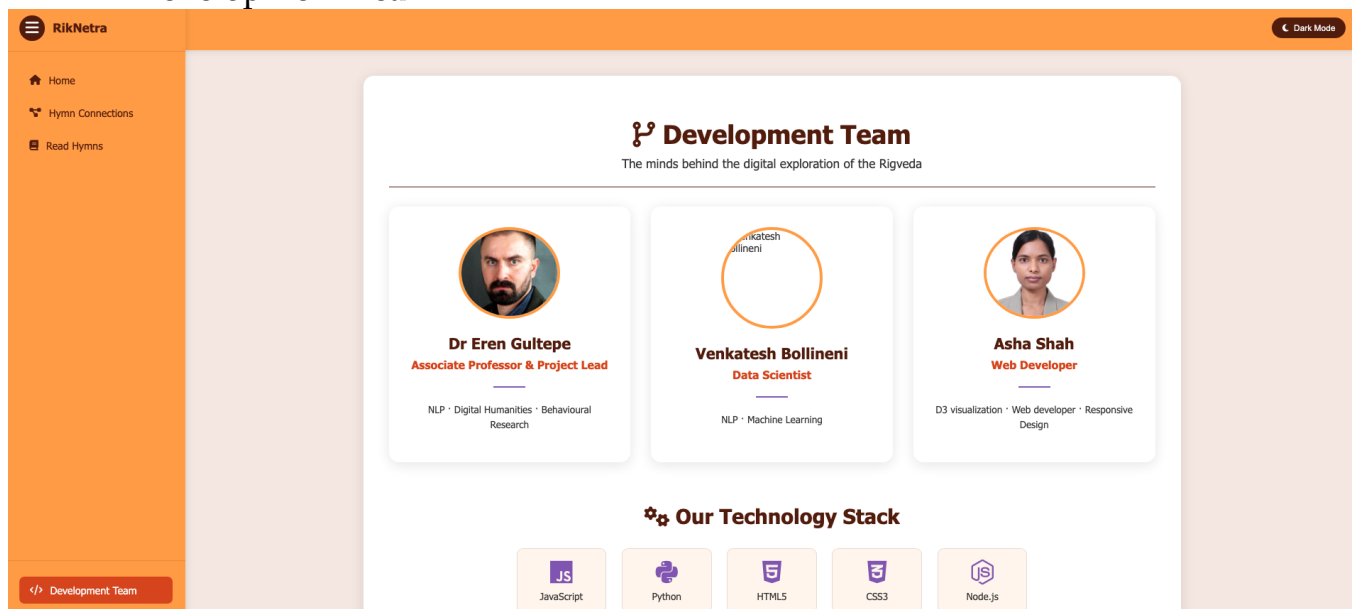


6. Handle Errors:

- If hymn not found: Alert shows; search again.

Quick Tips and Troubleshooting

- **Performance:** Higher connection databases (e.g., 10) may slow the graph—use lower for quick views.
- **Exact vs. Semantic Search:** Use "RV X.Y" for precise results; queries like "role of Heaven & Earth" for broader insights.
- **Mobile Use:** The app is responsive, but graphs work best on desktop.
- **No Results?:** Check spelling (e.g., "Visnu" not "Vishnu"). Try synonyms or broader terms.
- **Errors:** Refresh the page or check console (F12) for issues. Contact developers via the side panel.
- **Credits:** Texts from Rigveda sources; developed by the team listed in "Development Team".



- **Feedback:** Email ashashah228@gmail.com (from footer comments).
- **Screenshot Tools:** Use Snagit for annotations, or browser tools (F12) for captures. Save as PNG/JPEG, under 500KB.

Happy exploring the Rigveda with RikNetra! © 2025 RikNetra.