

# PRAYOGAVANI

## Quarterly Newsletter

From July to September, we have grown as a cohesive unit, driving initiatives in research and education. This quarter, 4 TEP workshops were conducted, empowering our Kriya teachers.

The Anveshana Project Showcase was a success, with our 28 student researchers successfully presenting their month-long research work to an audience of eminent scholars and peers. Additionally, Set 2 of Kriya Courseware was distributed to Kriya schools.

Prerana programs were conducted in Raichur, Chamarajanagara and Koppal districts of Karnataka, fostering engaging and interactive learning environments for rural school students.

Our heartfelt thanks go out to all our students, educators, and team, whose unwavering commitment to innovation and excellence continues to shape the future of learning.

Warmly,  
Team PrayogaVani





# Social Impact - Kriya

## Teacher Empowerment Program (TEP) Workshop 5

28, 29, 30 August 2024



Cohort II teachers from 63 government schools across 35 educational districts of Karnataka participated in this workshop.

<b>71</b>	<b>7</b>	<b>38</b>	<b>23</b>
Teachers	Sessions	AC/SACs	Facilitators

## Teacher Empowerment Program (TEP) Workshop - 8

5th to 7th Sep 2024



<b>5</b>	<b>6</b>	<b>2</b>	<b>7</b>
Teachers	Sessions	AC/SACs	Facilitators

Cohort I teachers from 4 private schools across Karnataka participated in this workshop.





### Academic Co-ordinator Empowerment Program (ACEP) - Block 2

26 - 27 and 31st August 2024



Our 35 ACs + 5 SACs participated in the ACEP at Prayoga's campus to strengthen their capabilities in order to provide year-round support to the Kriya teachers.



### EduCon 2024

01 to 02 August 2024

Organized by JSW Foundation in collaboration with the Department of School Education, Kalaburagi Division, Government of Karnataka, EduCon 2024 was organized at Toranagallu from 01 to 02, Aug 2024.

Prayoga was represented by Dr. KS Nagabhushana, Dr. Nayana Tara, Mr. Santhosh S, Mr. Srikanth Muni (SAC), and Smt. Kaveri (SAC), to present the ongoing Kriya program's implementation in Kalyana Karnataka region (Bidar, Yadgir, Raichur, Koppal and Kalaburagi).



Presenting to government functionaries, NGOs and government officials, Dr. K S Nagabhushana highlighted Prayoga's mission, ongoing projects, the significance of Kriya in transforming education in the country through the experiential learning of science. The conference fostered valuable connections and collaborations to enhance the education ecosystem.



# Social Impact - Prerana

Day-long workshops with hands-on activities, games, demonstrations, and discussions for teachers and students in Raichur, Koppal and Chamarajanagara districts of Karnataka, introducing the Science concept .

**3** Programs  
**9** Schools  
**183** Participants

## Kitururani Channamma Vasathi Shale, Chamarajanagara

13th September 2024

**08 Teachers**  
**62 Students**



## GHPS Yermaras, Raichuru

09th September 2024

**03 Teachers**  
**58 Students**



## Pilot - GHPS Hosalingapura, Koppal

13th September 2024



**04 Teachers**  
**63 Students**





## Anveshana Project Showcase 2024 - 30th August 2024

This showcase was the culmination of months-long efforts from young researchers at Prayoga. The event was honoured with the august presence of Shri. Anil Swarup, IAS, as chief guest and Dr. PR Krishnaswamy presiding over the program.

Prof. T N Guru Row, Member of the Advisory Board, Justice Krishna Bhat, Chairperson, of the Ethics Committee, Prof. Ganesh Bhat, Member of the Ethics Committee, Prof. C R Nagendran and Prof. S N Hegde, Research Mentors of Prayoga graced the occasion. Prayoga's industry partners including representatives from ThermoFisher Scientific, SEG and Merck, Biocon Foundation, Airtel Foundation and JWF Experts, were also in attendance.



Anveshana nurtures key attributes, competencies and skills essential in young researchers to fuel an innovation engine in the country. These young researchers stole the show during their presentations.

A total of 28 students conducted research studies in 8 groups guided by Senior Researchers and Research Associates at Prayoga. Research projects spanned across various disciplines, all centred around the theme of **sustainability**.

Dr. P R Krishnaswamy noted that Prayoga is poised to exceed expectations and the current industry collaborations are evidence of Prayoga's research potential. He expressed his confidence that Prayoga's performance would speak for itself and gain widespread recognition.



Science for All, All for Science  
Read the full blog here!



Shri. Anil Swarup IAS  
shares his thoughts on  
Anveshana

## MOU with Bigtec Pvt Ltd



Prayoga is pleased to announce the signing of a Memorandum of Understanding (MOU) with Bigtec Pvt Ltd on July 30, 2024.

This strategic partnership aims to explore collaborative opportunities in research.

## MoU with Gradiance

Prayoga is delighted to announce the signing of a Memorandum of Understanding (MOU) with Gradiance Team on July 15, 2024.

This partnership aims to integrate Gradiance services into Prayoga's educational framework, leveraging the Research-based Questioning Model (RQM) approach.

The primary objective is to enhance Mathematics learning outcomes for students, aligning with the Indian Curriculum.



**Prof. Jeffrey Ullman**  
Turing Awardee (2020)  
Stanford W. Ascherman  
Professor of Engineering,  
Emeritus, Stanford University



**Dr. Ramana Yerneni**  
Director of Engineering  
Amazon

## Prerana at Campus

Emerald International School, 02.08.2024

37 High school students from Emerald International School, Bangalore visited Prayoga to engage with innovative educational practices and explore an environment fostering the experiential learning of science.

This visit was a unique opportunity for hands-on learning and discovery for the students, and was met with great enthusiasm and participation from the team!





## Flag Hosting - Independence Day 2024

Prayoga celebrated India's 78th Independence Day joined by faculty, staff, students and Parents paying tribute to freedom fighters.

Dr HS Nagaraja emphasized independence's significance, encouraging all to strive for a brighter future.



## Teachers Day 2024



Prayoga celebrated Teachers' Day, honouring the inspiring educators part of Prayoga who constantly strive to provide the best to Kriya schools, Teachers and students beneficiaries.

The team engaged in team-building activities, with laughter and camaraderie filling the air!

## Pedagogical Practices in Ancient India and Its Lessons

On July 22, 2024, Dr. S.N. Gananath, a scientist and educator, and Mr. Shivananda Hombal, a renowned teacher and curriculum developer, delivered a talk at Prayoga, highlighting traditional knowledge acquisition and transfer methods.

Dr. Gananath, founder of Suvidya NGO, and Mr Hombal, leader of Dhvani Trust, shared valuable insights supporting the implementation of the National Educational Policy 2020.



## Employee Engagement



On 21.09.2024, Ms. Suhasini Seelin, an actor, conducted an interactive session with Prayoga's team, focused on building self-awareness, effective presentation skills, and teamwork, exploring key aspects such as voice development, optimal space usage, and collaborative storytelling.

Gallery



Smt. Bhagya Rangachar - CLT India



SBI Foundation School Visit



Rotary Bangalore Palmville



Merck Team during Anveshana Showcase



MBRDI Leadership Meeting



Amoghavarsha JS - wildlife photographer



Mr Pritam Kumar Sinha  
Indian Administrative Fellow, GoK



## New Incoming Talents

### Social Impact



**Varshitha C**  
Academic Coordinator



**Santoshkumar Shedligeri**  
Academic Coordinator



**Girish S Biradar**  
Academic Coordinator

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### Research



**Dr. N.Ramkumar**  
Head Teacher Professional  
Excellence



**Nagarjuna M**  
Research Associate



**Brunda M**  
Kannada Translator - Trainee



**Kishorkumar Sindogi**  
Manager Instrumentation &  
Facility



**Manjunath M**  
Lab Assistant Trainee



**Vinay S**  
Executive Research DTP

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### Program Management and Admin



**Sashi Kumar V**  
Senior Executive



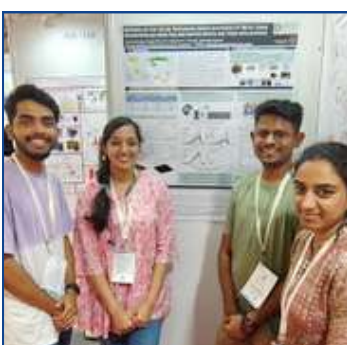
**Pavana MS**  
HR Trainee

## Presertation

### Bangalore India Nano Conference 2024

**WO<sub>3</sub> bio-nanocomposite as an active material for resistive switching device**

Dr. Omprakash S S, Adarsh V N, N Swetha, Ramya Prabhu B,



### Bangalore India Nano Conference 2024

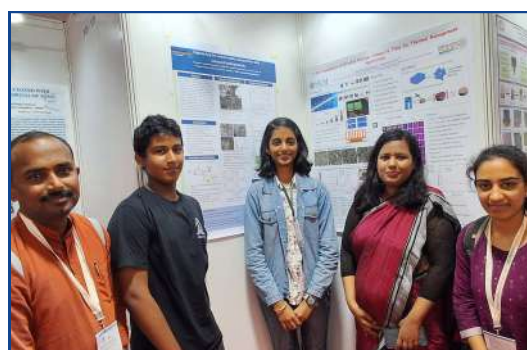
**Enhancing green synthesis of metal oxide nanoparticles using tea and coffee waste: exploring applications**

Dr. Subhadip Senapati, Parikshit Kumar, Vagdevi Rao K C, Adarsh V N, N Swetha,

### Bangalore India Nano Conference 2024

**Engineering the cerium oxide nanoparticles with enhanced hydrophobicity**

Dr. Ramya Prabhu B, N. Swetha, Tanesha Kumaraswamy, Sachith M V, Karthik N, Ojaswin Sastry



## Research Publication

**Exploring the Impact of Artificial Intelligence on Transforming Physics, Chemistry, and Biology Education**

**The Cuvette - Journal**

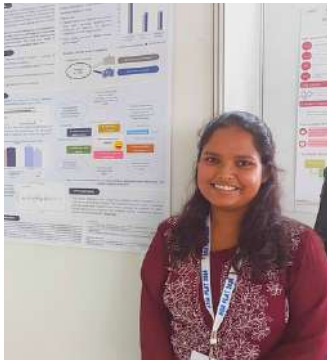
The role of Artificial Intelligence (AI) in science education gained momentum as educators pursued innovative and effective strategies to enhance students' learning outcomes.

Dr. Athavan Alias Anand, Senior Researcher, Chemistry





## Conferences



### Asia PLAT Conference 2024 international Perspectives on Psychology Teaching and Learning

**Smiles and scores: Understanding of learner's conceptualization of happiness and effect on academic performance**

Dr. Karuna K Simha, Subhashree Pattanayak, Anitha BU,  
1st – 3rd August 2024, Christ University, Bengaluru

## Poster Presentation

**PRAYOGA** has won the Best Poster Presentation at The Eighth NAGI International Conference

**National Association of Geographers, India (NAGI)**

Department of Geography, Kazi Nazrul University, Asansol, Paschim Barddhaman, West Bengal.

Dr. Ajith Singh, Principal Researcher, Earth Sciences

23rd-25th Sept 2024



## Blogs



**Transformers - Agents of Change**

**Deepika S**

20-06-2024

**Womb: The First Classroom**

**Dr H.S. Nagaraja  
Manaswini Vijayakumar**



**Science-for-all-all-for-science**

**Deepika S**

03-09-2024

**Sagara : The Infinite**

**Dr H.S. Nagaraja  
Manaswini Vijayakumar**





### Sponsor Courseware for a Student

Prayoga has developed Courseware to enable the experiential learning of science and inspires students towards innovative thinking.



Donate to Provide Courseware to students.

Contribute **INR 1,000/- per student** per annum. Make a difference in a student's life today.

### Inspiring Better Learning through Science Workshops

The Prerana Program promotes active learning through interactive workshops. Hands-on activities, games, and discussions engage teachers and students.

Support the Prerana program to expand active learning awareness to more schools across Karnataka.

Make a difference today!



[www.prayoga.org.in](http://www.prayoga.org.in)

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Prayoga is a not-for-profit organisation, registered under the Indian Trusts Act

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