

# KMCTCOE CHRONICLE

The Official Newsletter of KMCT College of Engineering

**JUNE 2025**



## *Experience the Expertise*

### VISION

Transform students into skilled and competent professionals in engineering and management fields

### MISSION

- To deliver quality education by harnessing proficient faculty and state of the art facilities to serve the society and industry.
- To transmute students as leaders and entrepreneurs by strengthening their professional and ethical standards.
- To engage students in skill acquisition, research, and industry-institute collaboration to face the emerging challenges.

### About KMCTCOE

KMCT College of Engineering, established in 2001 by the Kunhitharuvai Memorial Charitable Trust in Kozhikode, Kerala, is affiliated with AICTE and currently with APJ Abdul Kalam Technological University since 2015. The institution offers seven B.Tech programs and three postgraduate courses - MBA, MCA, and M.Tech. With a professional and supportive environment, the college fosters academic excellence through experienced faculty and a career-focused approach. Under the leadership of Dr. K. Moidu, the KMCT group manages several esteemed institutions across medical, technical, and allied health sciences.

## Green March 2025

**“Every Step for a Leaf...! Every Leaf for Life...!”**

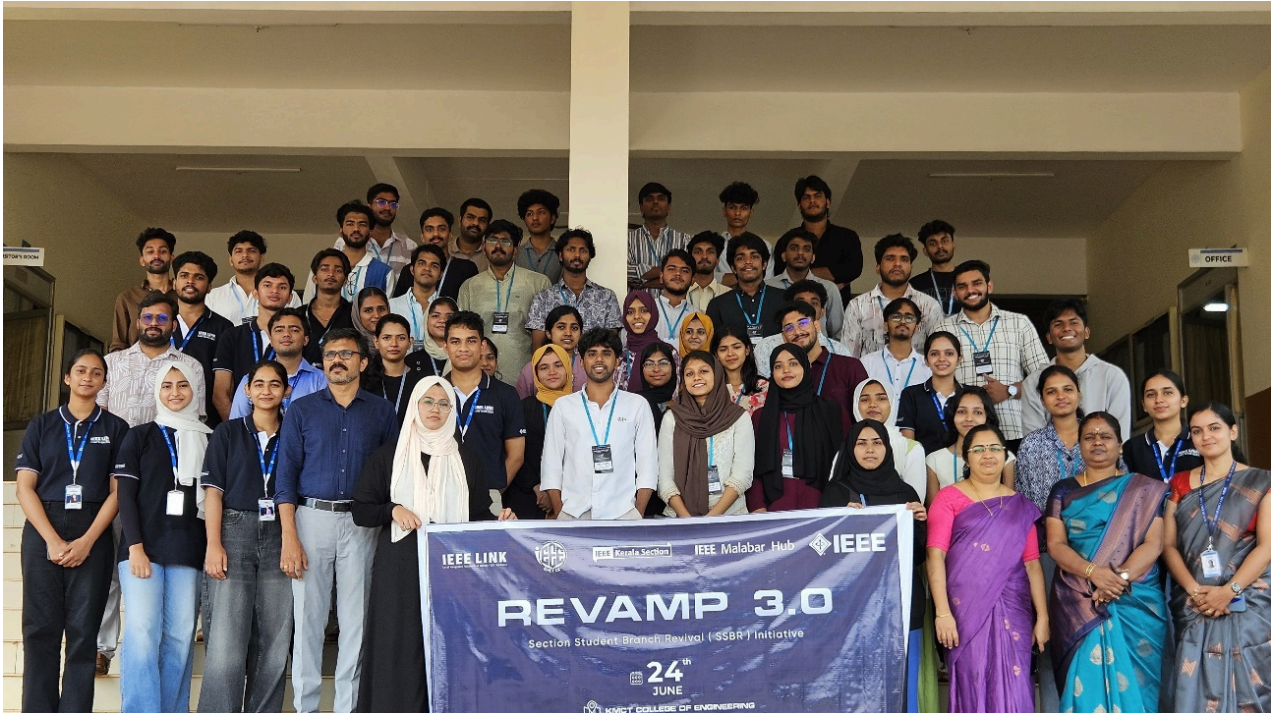


KMCT College of Engineering, Kallanthode, organized a vibrant Tree Marathon titled “Green March – 2025” on June 5, 2025, at 10:00 AM, in observance of World Environment Day. The event aimed to raise environmental awareness and promote tree planting among students. Chief Guest Adv. Chandini, Deputy Chairperson of Mukkam Municipality, delivered an inspiring message on community-led sustainability. Organized under the National Service Scheme (NSS), the program saw active participation from students, faculty, and staff. Saplings were planted across the campus, symbolizing a collective pledge to protect nature and a commitment to a greener future.



**"Earth provides enough to satisfy every man's needs, but not every man's greed." Let's celebrate by committing to sustainable living and making choices that benefit our environment"**

## IEEE Malabar Hub Organizes REVAMP 3.0 to Empower Student Branches



The REVAMP 3.0 program, a flagship initiative under the Section Student Branch Revival (SSBR) of IEEE Kerala Section, was successfully conducted on 24th June. Organized in collaboration with IEEE LINK and IEEE Malabar Hub, the event aimed at revitalizing and strengthening IEEE student branches across the region. The inaugural ceremony of REVAMP 3.0 began with the IEEE Code of Ethics by Ms. Anusree N, Co-HSR, followed by a welcome from Dr. Bindima T, VSAC, IEEE Malabar Hub. Dr. Giles M P, Vice Chair, IEEE Kerala Section, delivered the Presidential Address, and Dr. Kavitha S, Principal of the host institution, gave the Inaugural Address. Dr. Manoj B S, Chair, IEEE Kerala Section, inspired participants as Guest of Honour. Dr. Vrindha U K delivered the Felicitation, and Ms. Ruba, IEEE SB Chair, concluded the session with a Vote of Thanks. The event marked a strong start to an empowering REVAMP 3.0.

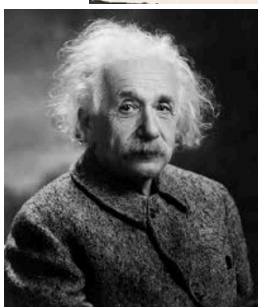






## LiveNreeL – Instagram Reel Competition

KMCT College of Engineering is thrilled to launch LiveNreeL, an exciting Instagram Reel Competition that captures the vibrant spirit of student life on campus. Open to all KMCT students, this contest invites participants to create and share short video reels under the theme “Showcase Your College Life.” Students are encouraged to highlight any aspect of their campus experience be it academics, events, clubs, hostel life, campus tours, or memorable moments. Reels must be posted on Instagram by tagging @kmctcoe, using the “Collab” feature with the official page, and including the provided video clip at the end. Entries can be submitted individually or in groups. Winners will receive attractive cash prizes, with selection based on the maximum views and shares received on Instagram by the deadline. This is a perfect chance for students to display their creativity, connect with peers, and show what makes KMCT life special!



**“Scientists investigate that which already is; Engineers create that which has never been”**

Albert Einstein

## MAGVIS 2025: A Vibrant Two-Day Sports Fest for School Students Concludes with Great Enthusiasm



KMCT College of Engineering, in collaboration with the Department of Physical Education and IEDC, successfully hosted MAGVIS 2025 a vibrant two-day indoor sports fest for students of Classes 8 to 12. The event took place on 25th and 26th June 2025, from 9:00 AM to 4:00 PM, and drew energetic participation from young talents across the region.



Competitions were held in Carroms, Table Tennis, and Chess, offering a platform for students to showcase their strategic thinking, focus, and sportsmanship. The fest aimed to encourage healthy competition, concentration, and team spirit among teenagers, and the atmosphere remained lively and engaging throughout. Participants were supported by experienced coordinators and faculty members, ensuring a well-organized and enriching experience. Sponsored by FAB HUB, Mampad, MAGVIS 2025 proved to be a memorable event fostering skill development and camaraderie beyond the classroom.

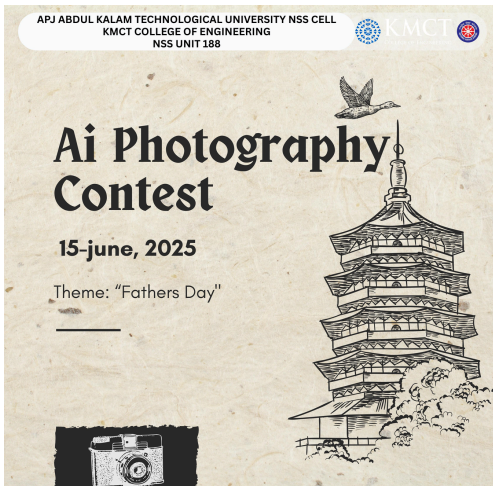


In the Carrom competition at GHSS Neeleswaram, Manas Vijay K V and Ritu Vijay won first prize, while Sanoona T K and Harsha from MKHMMO VHSS, Mukkam secured second. In Chess at GHSS Medical College Campus, Prithvindra C K and Sreya K S won the boys' and girls' first prizes respectively. The second prizes went to Vikram V S and Naja Fathima E. In the senior category, Adithyadev T and Nandana C K from KMCT Polytechnic won first and second prizes. The overall trophy was awarded based on total points. Sponsored by FAB HUB, Mampad, MAGVIS 2025 successfully promoted skill development, teamwork, and healthy competition.

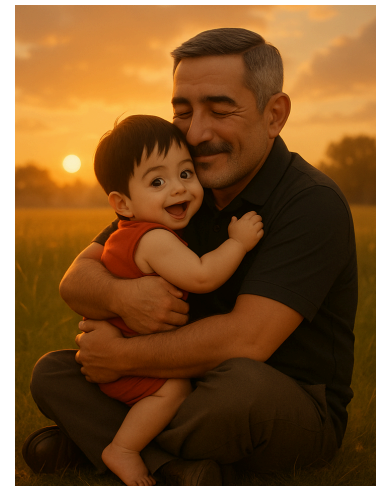


## AI Photography Contest on Father's Day Theme

The NSS Unit 188 of KMCT College of Engineering, under the APJ Abdul Kalam Technological University NSS Cell, organized an AI Photography Contest on June 15, 2025, to celebrate Father's Day. Participants creatively explored the theme "Father's Day" using AI-generated visuals and photography concepts, showcasing emotional depth, storytelling, and artistic interpretation. The contest aimed to combine technology with personal expression while fostering awareness of AI in creative fields. The event witnessed enthusiastic student participation and highlighted the growing intersection between artificial intelligence and visual arts.



1<sup>st</sup> Prize  
Nihal Zakariya, S7 CSE



2<sup>nd</sup> Prize  
Fathima Rena A, S2 CSE

## Building a Safer Tomorrow: KMCT NSS Leads Anti-Drug Campaign



In observance of the International Day Against Drug Abuse and Illicit Trafficking, the NSS Unit 188 of KMCT College of Engineering, under the guidance of the KTU NSS Cell, actively participated in a region-wide awareness rally on 26th June 2025 at Calicut Beach, North Malabar. The rally was led by Ms. Nishitha, NSS Program Officer from the Department of Computer Science and Engineering. A team of committed NSS volunteers from KMCT joined hands with students from various institutions, united by a common goal: to spread the message of a drug-free society.



Starting at 10:00 AM, the rally featured impactful placards, powerful slogans,



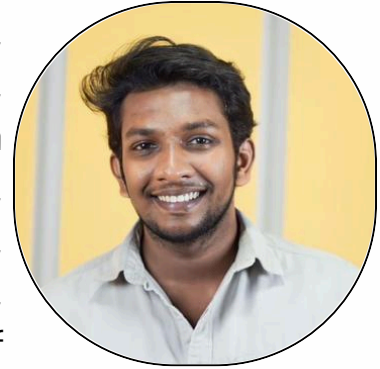
and high-energy participation that captured the attention of the public. The volunteers echoed the message "Say No to Drugs", emphasizing the importance of leading a healthy, responsible, and substance-free life. This campaign served as a compelling reminder of youth responsibility and social commitment, demonstrating how united efforts can create a ripple effect in promoting awareness and driving positive change in society.



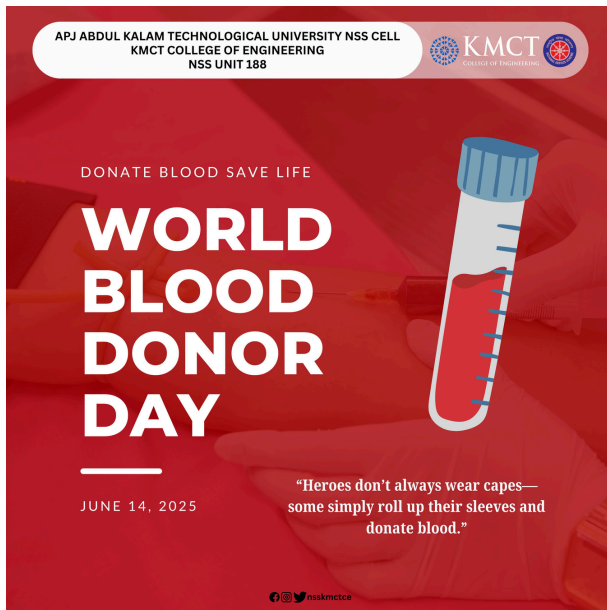


## Blood Donors Awareness Session – NSS Unit 188

The NSS Unit 188 of KMCT College of Engineering, under APJ Abdul Kalam Technological University, organized a Blood Donors Awareness Session in partnership with Sira Blood Donors Kerala on June 14, 2025. The online session, held via Google Meet, featured Mr. Anantharoop from Blood Donors Kerala, Kozhikode, who spoke about the importance of voluntary blood donation. The program began with a welcome by Ayesha, followed by speeches from Principal Dr. Kavitha and the NSS Program Officer. Kamil from Rudhirasena also shared his experiences. The session ended with feedback and a vote of thanks. The message, "Humanity speaks in blood the universal gift," was the highlight of the event. Faculty and students participated actively, making it a meaningful and inspiring program



**Mr. Anantharoop**



### NOT ME BUT YOU

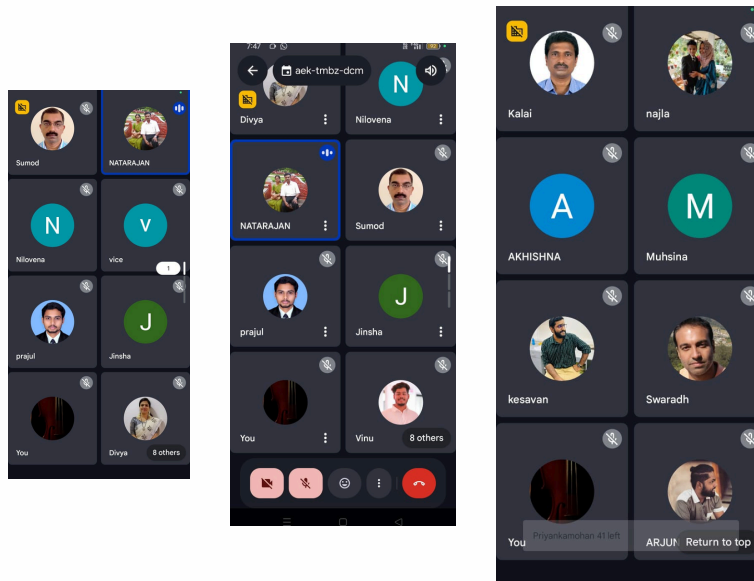
"With every heartbeat we live to see the sunset, with each drop of blood donated; another precious life will live to see the sunrise."

"Donate blood, save a life. It costs you nothing, but for someone else, it means everything."



## RETRACE 2025: Virtual Alumni Meet for 2015–2022 Batches

The Retrace Alumni Association of KMCT College of Engineering is delighted to invite alumni from the 2015–2019, 2016–2020, 2017–2021, and 2018–2022 batches to a special Alumni Meet on 29th June 2025 at 7:30 PM. This virtual gathering is a golden opportunity for former students to reconnect with classmates and faculty, and to share their thoughts, insights, and memorable moments from their time at KMCT. The event will provide a warm and nostalgic space to celebrate achievements, exchange experiences, and cherish the spirit of togetherness that defines the KMCT community.



**KMCT COLLEGE OF ENGINEERING**  
Recognized by AICTE and Affiliated to  
API Abdul Kalam Technological University  
Technical Campus, Kallanthode, NITC-P.O, 673601

*Invitation*  
**RETRACE ALUMNI ASSOCIATION**  
**PRESENTS**  
**ALUMNI MEET**  
2015-2019, 2016-2020  
2017-2021, 2018-2022  
**BATCHES**

**29.06.2025**  
**7:30 PM**

Register yourself for further updates  
<https://forms.gle/EPG8rbbGbABEwA2o6>

This is a perfect opportunity to catch up with old friends, reminisce about good times, and strengthen relationships with fellow alums.

**CONTACT US**  
Ms. Nilovena K.V  
9400863041  
Ms. Anjana M.P  
8075166979

Online Meeting link  
<https://meet.google.com/aek-tmbz-dcm>

Transform students into skilled and competent professionals in engineering and management fields.  
kmctcoe.ac.in

College days, the best days. Memorable moments are many, and travels one among them

♥

– Badzz



## Academic Achievement: Ph.D. Awarded to Dr. Sheeja T.V.



KMCT College of Engineering proudly congratulates Dr. Sheeja T.V., Head of the Department of Civil Engineering, on the successful completion of her Ph.D. from Karunya University, Coimbatore. This remarkable academic milestone reflects her unwavering dedication to research, academic excellence, and leadership in the field of Civil Engineering. Her achievement is a true inspiration to students and colleagues alike, further enriching the academic profile of the department. The KMCT community extends its heartfelt wishes to Dr. Sheeja T.V. for continued success in all future academic and professional pursuits.

## Faculty Successfully Completes NPTEL Course on Soft Skills

Ms. Nishidha T, faculty member of KMCT College of Engineering, has successfully completed an 8-week NPTEL Online Certification Course titled "Enhancing Soft Skills and Personality" offered by IIT Kanpur through the Swayam platform, during February to April 2025. The course, conducted under the Ministry of Education, Government of India, focused on developing effective communication, interpersonal abilities, and professional personality traits essential in the academic and corporate world.



## Faculty Selected for AICTE QIP PG Certification Programme at IIT Bhilai

Dr. Sunu Surendran has been selected for the prestigious AICTE QIP PG Certification Programme for the June–December 2025 session. The program, titled “Advanced Aerospace Materials: Development, Characterization, and Testing”, will be conducted by the Indian Institute of Technology (IIT) Bhilai. This achievement highlights Dr. Sunu’s dedication to academic excellence and advanced research in aerospace engineering materials.



## Inspiring Young Minds: Dr. Sunu Surendran at Eduhub Excellence Day

Dr. Sunu Surendran, Vice Principal of KMCT College of Engineering, was invited as the Chief Guest for the "Eduhub Excellence Day" organized by the Eduhub Learning Community. The event was dedicated to appreciating and honoring students who achieved excellent results in their Higher Secondary final examinations. The audience was inspired by the keynote message delivered on the occasion, which emphasized the value of hard work, perseverance, and a lifelong commitment to learning. The presence of the respected Vice Principal added dignity and encouragement to the celebration of student excellence



## Faculty Participation in FDP on Cyber Security and Ethical Hacking

Ms. Nilovena K.V, Assistant Professor, Department of Computer Science and Engineering, KMCT College of Engineering, Kozhikode, successfully participated in a 5-day Faculty Development Programme (FDP) on “The Impact of Cyber Security and Ethical Hacking Applications”, held from 9th to 13th June 2025. The FDP was organized by the Department of Computer Science and Engineering, St. Thomas College of Engineering & Technology, Kozhuvallur, Chengannur, Alappuzha. The program aimed to enhance faculty expertise in cutting-edge areas of cybersecurity and ethical hacking practices.



## Understanding Research Metrics and Elsevier’s ScienceDirect

Vrindha U.K. from APJ Abdul Kalam Technological University attended a workshop on Understanding Research Metrics and Elsevier’s ScienceDirect, organized by Elsevier at the university on May 28, 2025. The session was led by Ms. Aishwarya Nayal, Customer Success Manager at Elsevier, and certified by Ms. Laura Hassink, Managing Director of STM Journals. The workshop focused on key research metrics like Impact Factor, CiteScore, and h-index, and gave a hands-on overview of using ScienceDirect. It also covered topics such as journal selection, avoiding predatory journals, and improving research visibility, helping participants strengthen their academic publishing skills.



## Faculty Development Program on Sustainable Construction Materials

The Department of Civil Engineering, RTC Institute of Technology, is organizing an FDP titled “From Waste to Wonder” from June 2–6, 2025, focusing on the use of industrial byproducts like fly ash, GGBS, and red mud in next-gen construction. Dr. Jagori Dutta (KMCT College of Engineering, Kerala) will join as a resource person, alongside experts from NIT Jamshedpur, BIT Mesra, and CSIR-CBRI Roorkee. Topics include geopolymers concrete, life cycle assessment, and the circular economy in construction.



## Empowering Innovation: FDP on R Programming and AI Strategies

Empowering Innovation: FDP on R Programming and AI Strategies  
Mrs. Dhanya P from Travancore Engineering College, Kollam, participated in a five-day online Faculty Development Programme on “Empowering Innovation: Mastering R Programming and AI Development Strategies”, organized by the Department of Computer Science and Engineering, Jyothi Engineering College, from June 2 to 6, 2025. The FDP aimed to enhance faculty expertise in R programming and artificial intelligence, focusing on practical strategies for innovation and application in modern computing.



## Faculty Participation in FDPs on Data Science and AI



Ms. Ranjana C, Assistant Professor, Department of Computer Science and Engineering, KMCT College of Engineering, actively participated in two national-level Faculty Development Programmes in June 2025: A 5-day FDP on “Big Data Processing”, organized by the Department of Computer Science and Engineering (Data Science), St. Thomas College of Engineering & Technology, Kannur, in association with Pencilbitz, held from 16th to 20th June 2025.

A 5-day online FDP on “Artificial Intelligence & Data Science: A Hands-On Orientation”, conducted by the Department of Computer Science and Engineering, TKM Institute of Technology, from 23rd to 27th June 2025. These programs enhanced participants’ practical knowledge in AI, data science, and big data technologies, supporting the advancement of teaching and research capabilities in emerging tech fields.

## National Workshop on AI and Essential Skills: A Step Toward Innovation and Development

Ms. Divya R K successfully participated in a 5-day Entrepreneurship and Skill Training Program (ESTP) through the National-Level Online Workshop on "Application Development with AI & Essential Skills", organized by Anjuman Institute of Technology and Management (AITM), Bhatkal, in association with Brainovision Solutions India Pvt.



Ltd. and in collaboration with AICTE. Held from June 23 to June 27, 2025, the program focused on enhancing participants’ skills in AI-based application development along with essential technical and entrepreneurial competencies. Ms. Divya’s participation reflected her strong commitment to professional growth and excellence in emerging technologies.

**“All of us do not have equal talent. But, all of us have an equal opportunity to develop our talents.”**



**Dr. APJ Abdul Kalam**

## Glimpses & Milestones: Faculty Members Embark on New Academic Journeys and Career Advancements

### Faculty Members Embark on Doctoral Journey

KMCT College of Engineering proudly congratulates three of its esteemed faculty members who have taken a significant step forward in their academic careers by enrolling in prestigious Ph.D. programs.

- Mr. Sarath Sivaraman (Department of Mechanical Engineering) has joined IIT Palakkad, specializing in Thermal Engineering
- Ms. Adithya Babu (Department of Civil Engineering) is pursuing her Ph.D. at NIT Calicut, focusing on Water Resources Engineering
- Mr. Rajesh R (Dean Academics / Dept. of Electronics and Communication) has also commenced his doctoral studies (Ph.D. in Vels University)

Their pursuit of advanced research and academic excellence reflects the institution's encouragement of lifelong learning and professional development. While their absence will be felt on campus, their dedication to higher education serves as an inspiration to students and peers alike. KMCT extends its best wishes for their success and future contributions to the academic and research community.



**Mr. Sarath Sivaraman**



**Ms. Adithya Babu**



**Mr. Rajesh R**

## Publication Details

- Ranjana C, "Advanced Resource Allocation Techniques for Efficient Cloud Computing," 2025 2nd International Conference on Trends in Engineering Systems and Technologies (ICTEST), IEEE, 2025, doi: 10.1109/ICTEST64710.2025.11042849.
- Nishida T, "DARWIN: Simulating Natural Selection with Genetic Algorithm," International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), vol. 7, no. 2, Feb. 2025. doi: 10.56726/IRJMETS68144





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*International*

**YOGA**

JUNE 21, 2025

**DAY**



"Inhale the future,  
exhale the past."



**"All this bringing of the mind into a  
higher state of vibration is included in  
one word in Yoga"**

**Swami Vivekananda**



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