

**BVRIT HYDERABAD College of Engineering for
Women
AUTONOMOUS**
(Approved by AICTE, Affiliated to JNTUH)
(Accredited by NBA – EEE, ECE, CSE & IT and NAAC with ‘A’
Grade)



**Event Name: *One Week National Level Faculty Development Programme (FDP)
on “Assimilation of Indian Knowledge Systems with NEP- 2020: Prospect and
Retrospect” – Hybrid Mode***

Date of Conduction: *30th July- 04th August 2024*

Convenors:

Dr. M Anita, Head and Professor, Department of Basic Sciences & Humanities

Dr. B Srinivasa Rao, Head and Professor, Department of EEE & IQAC I/C

Dr. T Roja Rani, Assistant Professor-Management Studies & IKS I/C

Faculty Coordinators:

Dr. S Kalyan, Assistant Professor -Management Studies

Dr. B Uma Rani, Assistant Professor -Management Studies

Mr. S Raghavendra, Assistant Professor -Management Studies

No. of Participants: *171 Faculty Members*

**Organized by: *Department of Basic Sciences and Humanities &
IQAC-BVRITH***

Report on
One Week National Level Faculty Development Programme
On
“Assimilation of Indian Knowledge Systems with NEP- 2020:
Prospect and Retrospect”
(Hybrid Mode)
30th July- 04th August 2024

The Department of Humanities & Sciences at BVRIT Hyderabad College of Engineering for Women, in association with the Internal Quality Assurance Cell (IQAC), successfully conducted a one-week national level faculty development programme (FDP) on the theme “Assimilation of Indian Knowledge Systems with NEP-2020: Prospect and Retrospect” from 30th July to 4th August, 2024. The event was held in a hybrid mode, allowing participants to join both online and in person, and saw an impressive turnout with 171 participants. Scholars and experts from diverse disciplines and regions across India actively participated in and significantly contributed to the programme.

The inaugural function took place on 30th July at 10:30 am in the APJ Block Seminar Hall. Shri. Sahadeva Sakha Dasa, Associate Vice-President of the Hare Krishna Movement, ISKON Hyderabad, and Head-State Youth Outreach, Hyderabad, graced the occasion as the chief guest. In his enlightening speech, Shri. Sahadeva Sakha Dasa emphasized the significance of self-regulation and self-discipline in achieving life goals. He shared a captivating story about Lord Hanuman’s motivation to cross the vast ocean, illustrating the power of determination and faith. Shri. Sahadeva Sakha Dasa further elaborated on the importance of a balanced development of IQ (Intelligence Quotient), EQ (Emotional Quotient), and SQ (Spiritual Quotient), highlighting how these elements contribute to personal and professional success. He stressed that while IQ is crucial for cognitive abilities, EQ enhances our ability to manage emotions, and SQ guides us in aligning our actions with higher purposes. Overall, the inaugural session set a profound tone for the rest of the FDP, instilling a sense of purpose and excitement among the participants as they embarked on a week-long journey of learning and discovery.

Principal Dr. KVN Sunitha extended heartfelt congratulations to the conveners, Dr. M. Anita, Head of the Department of Basic Sciences & Humanities, Dr. B. Srinivasa Rao, Head of the Department of Electrical and Electronics Engineering & IQAC In-charge, and Dr. T. RojaRani, IKS In-charge, for their commendable initiative in organizing such a significant programme at the

institution. The morning session concluded at 12:45 pm, marking the end of a productive and insightful inaugural segment of the faculty development programme.



From left : Dr.M.Anita, HOD-BS&H, Dr. KVN Sunitha, Principal, Shri. Sahadeva Sakha Dasa, ISKON-Hyderabad, Dr.B.Srinivasa Rao, HOD-EEE & Dr.T.RojaRani-IKS I/C



Lighting of Lamp by Chief-guest



Welcoming Dr. KVN Sunitha, Principal



Chief Guest Shri. Sahadeva Sakha Dasa, ISKON-Hyderabad delivering a keynote speech



Dr. KVN Sunitha, Principal addressing the Participants



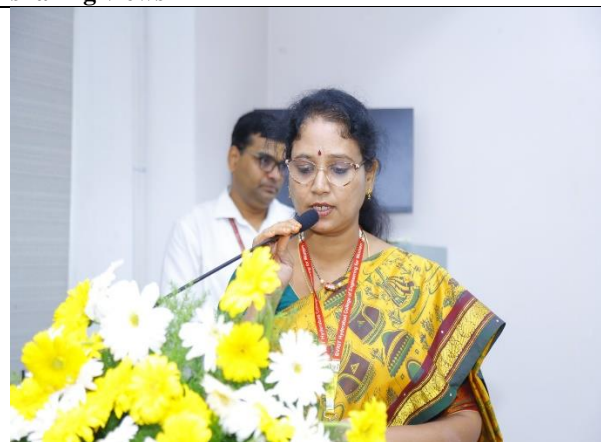
Dr. M Anita, Convenor & HOD (BS&H) sharing insights



Dr. B Srinivasa Rao, HOD (EEE) & IQAC I/C sharing views



Dr. S Kalyan, Coordinator-IKS FDP inviting the dignitaries



Dr. T Roja Rani, IKS-I/C giving opening remarks



Dr.J Manoj Kumar, Professor I/C Academics, Dr. Ch Sunil Kumar, Vice-Principal, Prof. R S Murali Nath, Professor I/C Accreditations and Participants for Inaugural Session



Co-ordinators and participants with Shri. Sahadeva Sakha Dasa, Associate Vice-President, Hare Krishna Movement, ISKON Hyderabad

The afternoon session of the first day commenced promptly at 1:30 pm, featuring Dr. C. Sree Rama Prabhu, Former Director General of the National Informatics Center, Government of India, as the distinguished resource person. Dr. Prabhu delivered an enlightening lecture on the theme “Unveiling the Ancient Roots of Technology - Exploring the Wisdom of Sanskrit Manuscripts.” He captivated the participants by illustrating how contemporary technological advancements have roots in ancient Vedic texts and manuscripts. Dr. Prabhu provided a comprehensive overview of the Vedas, Upavedas, Suktas, and Upanishads, emphasizing the profound knowledge contained within these ancient Sanskrit manuscripts. He discussed the significant role of texts like the Vedas and Puranas in the evolution of knowledge, which took place along the banks of the Saraswati River. In particular, he highlighted the Vimana Shastra, shedding light on ancient Indian treatises that purportedly describe advanced aeronautical engineering concepts. He further elaborated on

the timeless principles found in the works of Manu and Patanjali, demonstrating how these ancient teachings continue to influence modern thought. Dr. Prabhu noted that many sophisticated engineering feats and precise astronomical calculations identified in ancient Sanskrit writings have intrigued scholars worldwide. These texts contain descriptions of advanced scientific concepts and intricate machines that suggest a high level of technological understanding in ancient India. The session concluded at 3:00 pm, leaving participants with a deeper appreciation for the intersection of modern and ancient knowledge. Dr. B. Uma Rani, Assistant Professor of Management Studies, delivered a heartfelt vote of thanks, expressing gratitude for Dr. Prabhu's insightful presentation and the enriching discussions it inspired.

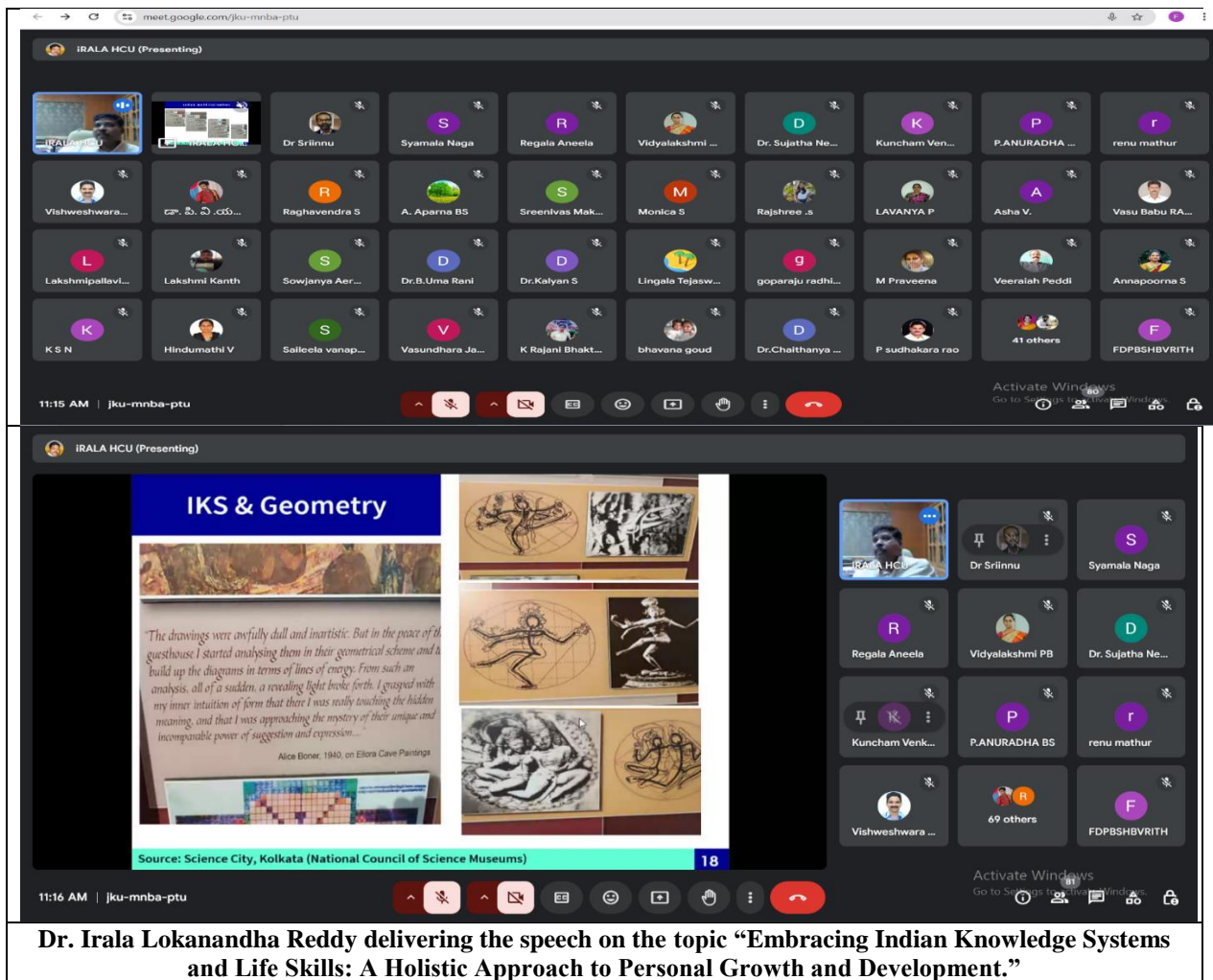


Dr. C Sree Rama Prabhu, delivering the speech on “Unveiling the Ancient Roots of Technology - Exploring the Wisdom of Sanskrit Manuscripts.”



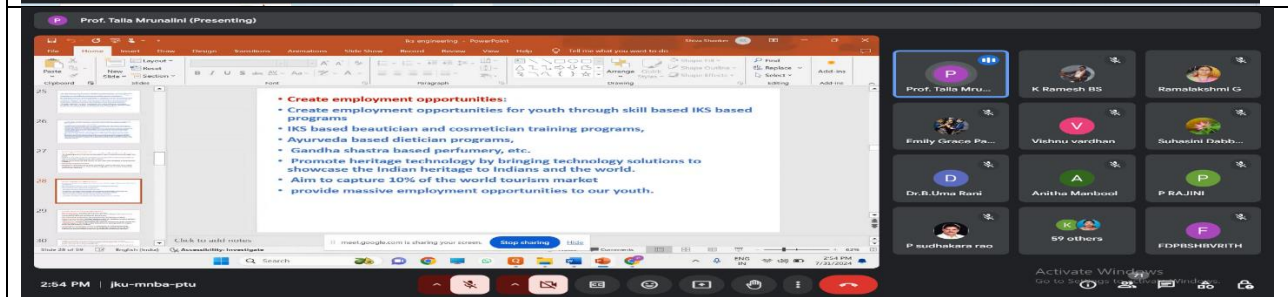
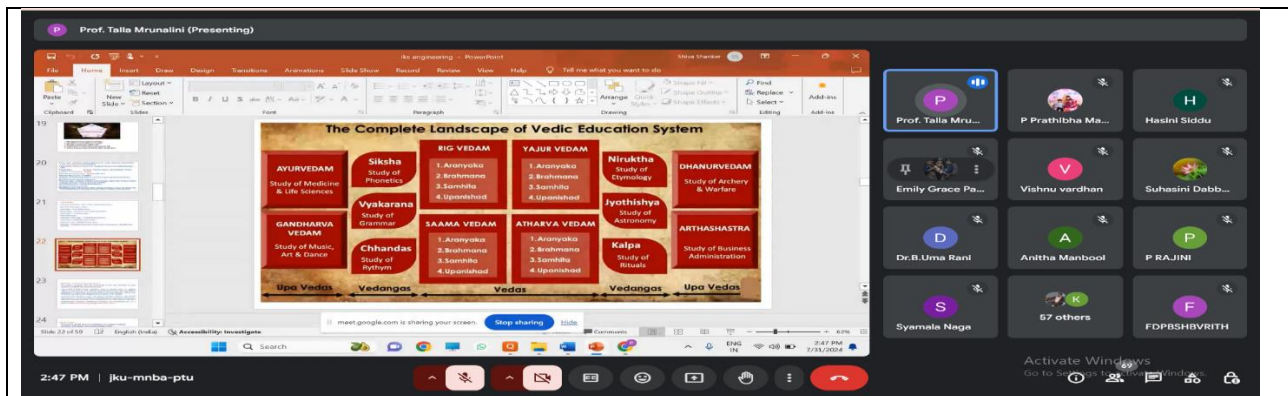
Dr. C Sree Rama Prabhu, with the Co-ordinators

Day 2 of the faculty development programme, held on 31st July 2024, commenced with an engaging session titled “Embracing Indian Knowledge Systems and Life Skills: A Holistic Approach to Personal Growth and Development.” The session was led by Dr. Irala Lokanandha Reddy, a distinguished Professor at the School of Management Studies, University of Hyderabad. Dr. Reddy captivated the audience with his enthralling speech, emphasizing the importance of human conduct and values in personal development. He shed light on the concept of "samsya pooranam," explaining its relevance and significance in today's context. Additionally, he enriched the session with "chatu padyalu" (quatrains) from literature, illustrating profound insights and wisdom drawn from Indian Knowledge Systems. The day's programme concluded at 12:00 pm with a vote of thanks delivered by Dr. S. Kalyan, Assistant Professor of Management Studies.



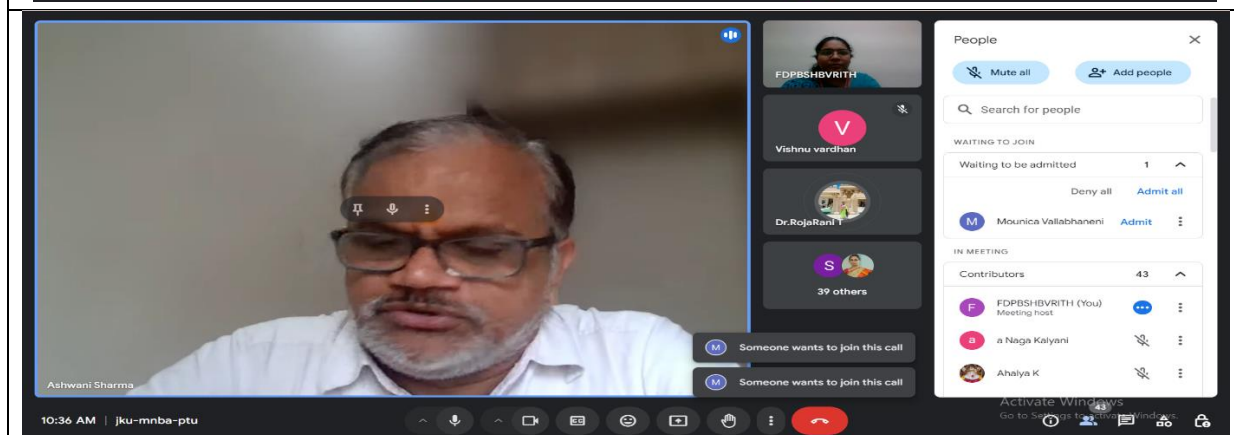
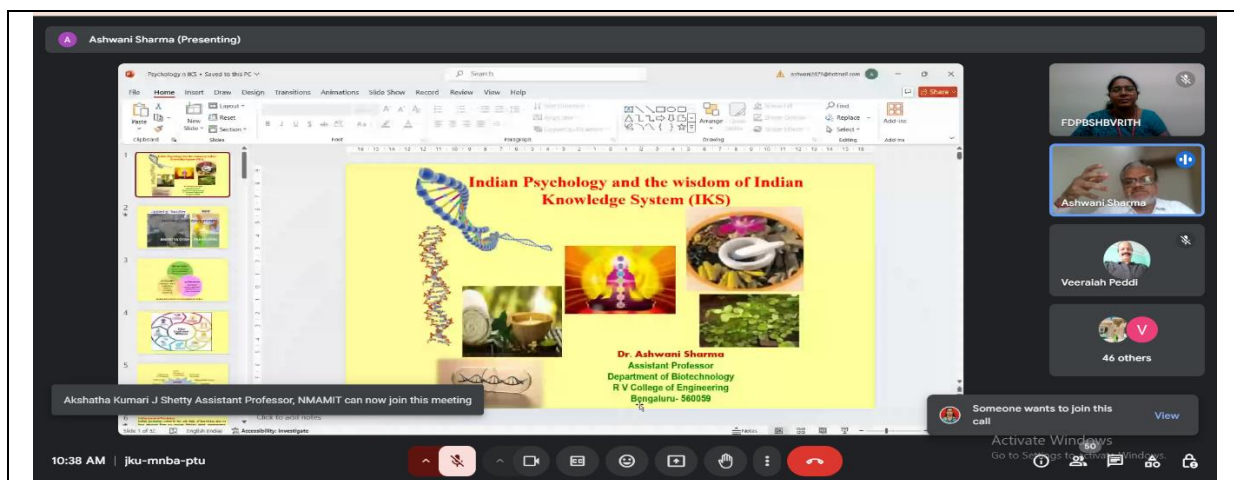
Dr. Irala Lokanandha Reddy delivering the speech on the topic “Embracing Indian Knowledge Systems and Life Skills: A Holistic Approach to Personal Growth and Development.”

The afternoon session of Day 2 featured an illuminating presentation titled “Integrating Indian Knowledge Systems into Engineering Education: A Revitalization of Traditional Wisdom,” delivered by Dr. T. Mrunalini, Head of the Department of Education at Osmania University, Hyderabad. Dr. Mrunalini emphasized the critical need to incorporate ancient Indian knowledge into modern education systems, particularly within engineering curricula. She provided deep insights into Indian Knowledge Systems (IKS) and elucidated why their inclusion in the National Education Policy (NEP) 2020 is essential. Dr. Mrunalini highlighted how interdisciplinary courses, enriched with case studies and practical projects, can be seamlessly integrated into the existing education system. She also discussed the development of a separate curriculum focused on IKS, underscoring its potential to enhance the holistic development of students by bridging traditional wisdom with contemporary educational practices. The session was both thought-provoking and practical, offering tangible strategies for revitalizing traditional knowledge within modern educational frameworks. Day 2 concluded with a vote of thanks delivered by Dr. B.Uma Rani, who expressed appreciation for Dr. Mrunalini's valuable contributions and thanked all attendees for their participation. The session wrapped up at 3:30 pm, marking the end of another fruitful day of the faculty development programme.



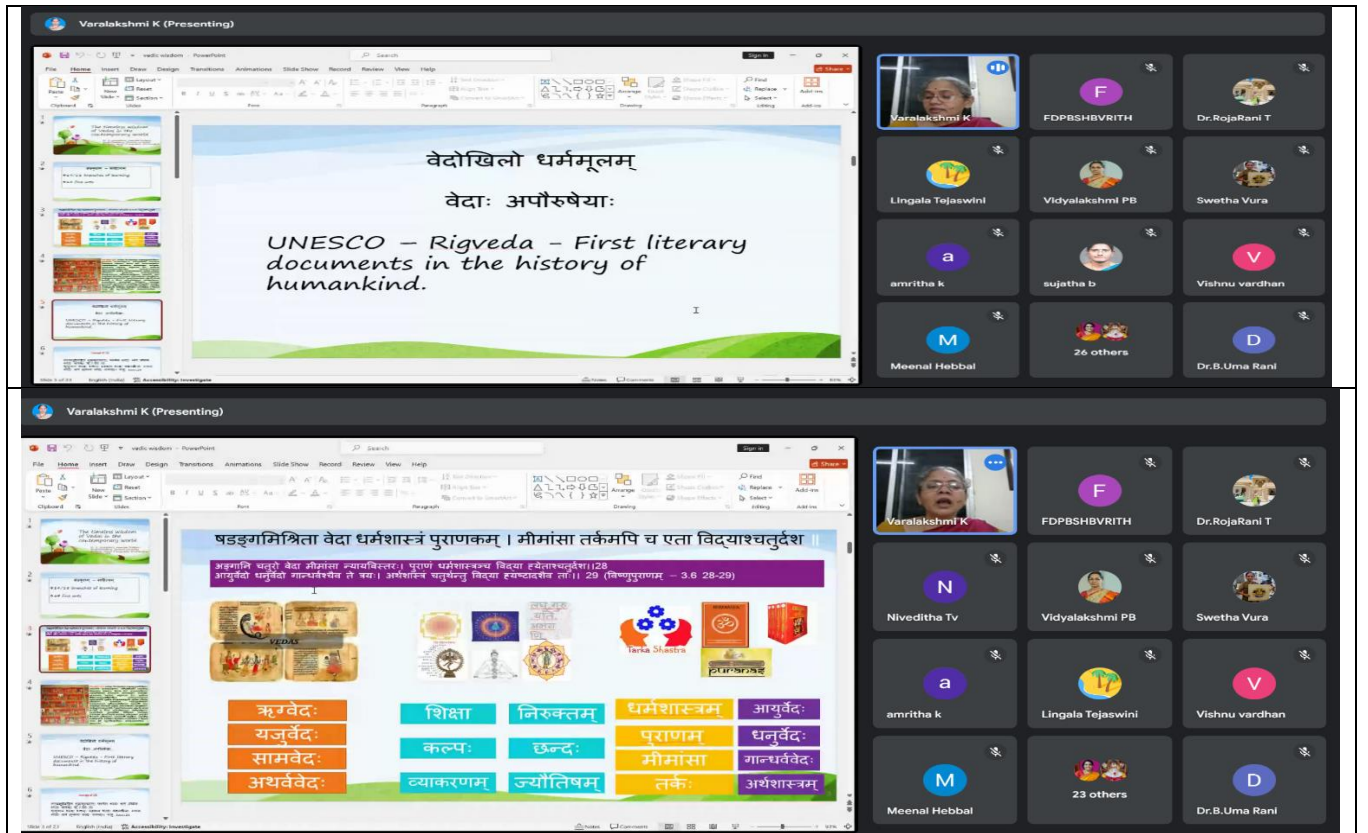
Session on “Integrating Indian Knowledge Systems into Engineering Education: A Revitalization of Traditional Wisdom,” by Dr. Talla Mrunalini

The third day of the FDP, held on 1st August 2024, began with an engaging and insightful speech by Dr. Ashwani Sharma, Professor at RV College of Engineering, Bengaluru. His talk was titled “Indian Psychology and the Wisdom of Indian Knowledge Systems (IKS).” Dr. Sharma delved into the profound concept of dharma as presented in the Bhagavad Gita, explaining it as action governed by one's swabhava, the intrinsic nature of an individual. He emphasized the importance of understanding and acting in alignment with one's essential nature. Additionally, Dr. Sharma discussed the vital role of parents as true well-wishers and guides for their children, highlighting how they should provide direction on what actions are beneficial and what should be avoided. The session was thought-provoking, offering deep insights into the application of Indian psychological principles and traditional wisdom in modern life. It concluded with a vote of thanks delivered by Dr. B.Uma Rani, who expressed gratitude to Dr. Sharma for his enlightening presentation and to the participants for their active engagement.



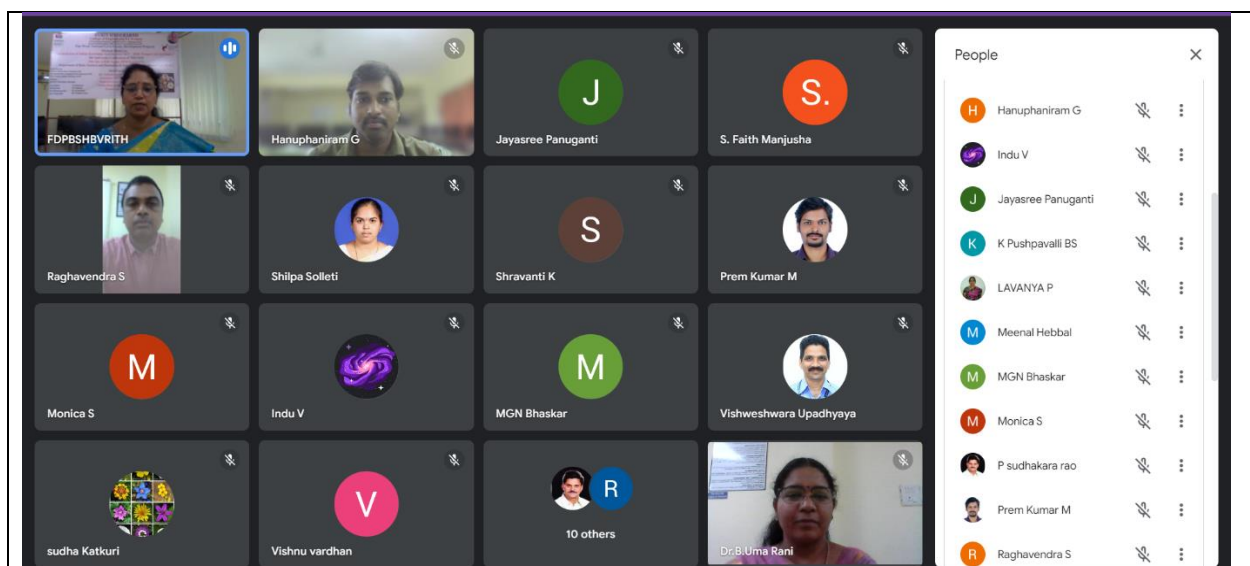
Online Session by Dr. Ashwani Sharma on “Indian Psychology and the Wisdom of Indian Knowledge Systems (IKS).”

The afternoon session of the third day featured an enlightening lecture by Dr. K. Varalakshmi, Associate Professor (Research) at the Sanskrit Academy in Hyderabad. Her presentation, titled “The Timeless Wisdom of the Vedas in the Contemporary World,” captivated the audience with its depth and relevance. Dr. Varalakshmi explored the profound wisdom embedded in the Vedas, discussing their significant impact on various fields such as Dharmashastra, Puranas, Mimamsa, and Tarka. She elucidated how these ancient texts continue to hold relevance in modern times, offering guidance on ethical conduct, philosophical inquiry, and logical reasoning. She spoke passionately about the Indian culture and traditional practices, advocating for their integration into contemporary life to foster a more holistic and enlightened society. The session concluded with a vote of thanks delivered by Mr. S. Raghavendra, Assistant Professor of Management Studies. He expressed sincere gratitude to Dr. Varalakshmi for her invaluable insights and thanked the participants for their enthusiastic involvement, marking the end of a highly enriching and informative day.



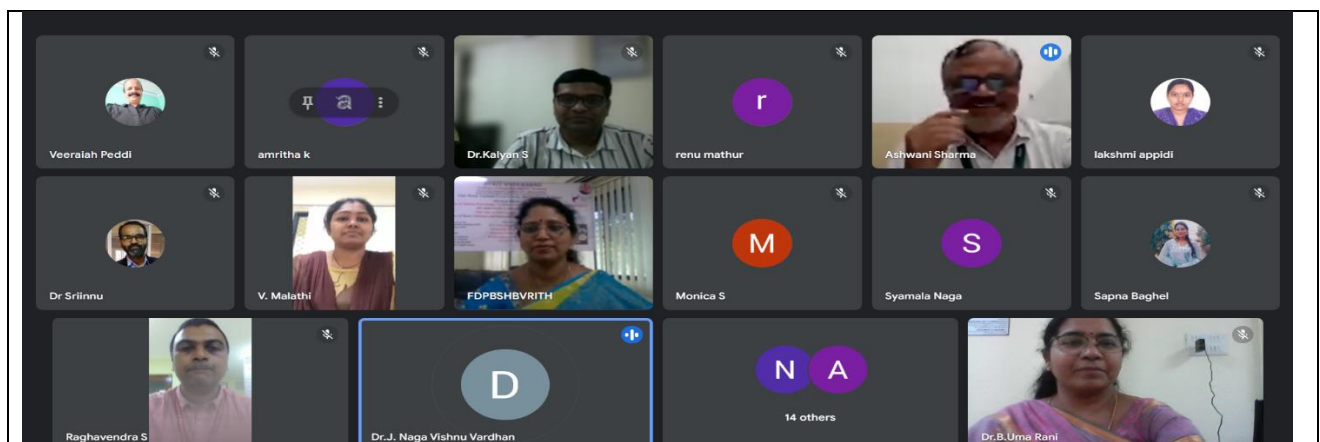
Dr. K Varalakshmi delivering the session online on “The Timeless Wisdom of the Vedas in the Contemporary World”

The fourth day of the FDP, held on 2nd August 2024, began with a thought-provoking session titled “Understanding the Real Anatomy of the Living Entity to Lead a Happy and Successful Life: A Vedic Perspective,” presented by Dr. G. Hanu Phani Ram from the Department of Bio-Medical Engineering at BVRIT Narsapur, Medak District. Dr. Phani Ram provided a profound exploration of the Vedic understanding of human anatomy and its implications for leading a fulfilling and successful life. He emphasized that Vedic texts offer a holistic view of the human being, considering not just the physical body but also the mind, emotions, and spiritual aspects. Dr. Phani Ram elaborated on the concept of the “Sattva,” “Rajas,” and “Tamas” gunas (qualities) as described in Vedic philosophy, and their impact on personal well-being and success. He discussed how an understanding of these fundamental qualities can help individuals align their actions and goals with their inherent nature, leading to a more harmonious and productive life. The session highlighted how Vedic teachings advocate for a balanced lifestyle that integrates physical health, mental clarity, and spiritual growth. By understanding the true nature of oneself as described in Vedic texts, individuals can cultivate a deeper sense of purpose and achieve greater happiness and success. The session concluded with a vote of thanks delivered by Dr. T. Roja Rani, Assistant Professor of Management Studies. Dr. Roja Rani expressed her appreciation for Dr. Phani Ram’s insightful presentation and extended her thanks to the participants for their active engagement, thus concluding another enriching day of the faculty development programme.



Dr. G Hanu Phani Ram delivering speech on “Understanding the Real Anatomy of the Living Entity to Lead a Happy and Successful Life: A Vedic Perspective”

The afternoon session of the third day commenced at 2:00 pm with a compelling presentation by Dr. Ashwani Sharma, Professor at RV College of Engineering, Bengaluru. The session was titled "Traditional Food Preservative Techniques and Their Health Benefits Through Indian Knowledge Systems (IKS)." Dr. Sharma provided in-depth insights into the traditional food preservation methods used in India and their remarkable health benefits. He discussed ancient techniques such as fermentation, sun drying, pickling, and the use of natural preservatives like turmeric, salt, and herbs. These methods, rooted in Indian Knowledge Systems, have been passed down through generations and continue to be relevant today. Dr. Sharma elaborated on how these traditional practices not only extend the shelf life of food but also enhance its nutritional value. For instance, fermentation not only preserves food but also increases its probiotic content, which is beneficial for gut health. He highlighted the use of spices such as turmeric and fenugreek, known for their antimicrobial properties, in preserving food and boosting immunity. The session also touched upon the broader cultural and health implications of these techniques. Dr. Sharma emphasized how the inclusion of traditional preservative methods can lead to a healthier lifestyle, reduce dependency on artificial preservatives, and promote sustainable living. The session concluded with a vote of thanks delivered by Dr. T. Roja Rani. She expressed gratitude to Dr. Sharma for his enlightening presentation and thanked the participants for their active engagement. The session wrapped up with a renewed appreciation for the wisdom embedded in traditional Indian food preservation practices and their continued relevance in contemporary health and wellness.



Online Session by Dr Ashwani Sharma on ‘Traditional Food Preservative Techniques and their health benefits through Indian Knowledge Systems (IKS)’

The fifth day of the FDP, held on 3rd August 2024, featured an engaging offline session led by Dr. G. Suresh Babu, Professor at Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad. His presentation, titled “Revisiting Vedic Mathematics: Its Importance in Indian Knowledge Systems,” provided a comprehensive exploration of Vedic mathematics and its significance. Dr. Suresh Babu began by discussing the evolution of the number system and tracing the history of Vedic mathematics. He highlighted how Vedic mathematics, rooted in ancient Indian texts, represents a sophisticated system of mathematical operations that reflects higher human intelligence. Dr. Babu explained how this traditional system integrates seamlessly with modern mathematical principles, offering unique methods for problem-solving and calculation. The session included practical exercises, where participants actively engaged in arithmetic calculations using Vedic mathematical techniques. Dr. Babu demonstrated various methods and encouraged participants to practice brain exercises that enhance computational skills and mental agility. The interactive nature of the session kept participants deeply involved and allowed them to experience firsthand the efficiency and elegance of Vedic mathematics. Dr. Suresh Babu's insights into the link between mathematics and intelligence further emphasized the value of integrating these ancient techniques into contemporary education. The session concluded with a vote of thanks delivered by Dr. S. Kalyan. Dr. Kalyan expressed gratitude for Dr. Babu’s enlightening presentation and thanked all participants for their active involvement, marking the end of a highly stimulating and informative fifth day of the faculty development programme.



Dr. G. Suresh Babu delivering session on “Revisiting Vedic Mathematics: Its Importance in Indian Knowledge Systems”.

In the afternoon session, Dr. Vijaya Lakshmi V., Professor at G. Narayanamma Institute of Technology and Sciences, Hyderabad, delivered an insightful presentation on “Traditional Wisdom and Modern Business - Insights from India.” Dr. Vijaya Lakshmi V. explored how ancient Indian wisdom and practices can be integrated into contemporary business strategies to enhance organizational effectiveness and sustainability. She highlighted various aspects of traditional Indian business philosophies, such as the emphasis on ethical practices, long-term vision, and holistic approaches to management. By drawing from historical texts and practices, Dr. Vijaya Lakshmi demonstrated how principles such as Dharma (righteousness), Artha (prosperity), Kama (pleasures), and Moksha (liberation) can be applied to modern business scenarios. She also discussed how these principles align with contemporary values of corporate social responsibility, ethical leadership, and sustainable development. Dr. Vijaya Lakshmi V. provided practical examples of how Indian businesses have successfully implemented these traditional principles to navigate modern challenges and achieve growth. Her presentation emphasized the relevance of integrating traditional wisdom into business practices to foster resilience, innovation, and a sense of purpose in the corporate world. The session concluded with a vote of thanks delivered by Dr. S. Kalyan, who expressed appreciation for Dr. Vijaya Lakshmi V.'s thought-provoking insights and acknowledged the participants for their engagement in the session.



Dr. Vijaya Lakshmi V. delivering a session on “Traditional Wisdom and Modern Business - Insights from India.”

On the final day 4th August 2024, during an offline session, the programme commenced with Dr. G. Hanu Phani Ram from the Dept. of Bio-Medical Engineering, BVRIT Narsapur, Medak Dist., presenting on “The Enduring Importance of Indian Lifestyle in Modern Times.” He emphasized five key principles essential to a balanced and fulfilling life. Among these, he highlighted the principles of dharma (righteousness) through the lens of compassion, austerity, truthfulness, and cleanliness. Dr. Hanu Phani Ram also elaborated on the concept of Varna-Ashrama Dharma, explaining the four varnas—Brahmana (scholars and priests), Kshatriya (warriors and rulers), Vaishya (traders and agriculturists), and Shudra (service providers)—and the four ashramas or stages of life, which include Brahmacharya (student life), Grihastha (householder life), Vanaprastha (retired life), and Sannyasa (renounced life). He stressed how these ancient principles remain relevant and provide a strong foundation for modern living. The session concluded with a felicitation by Dr. Ch. Nageshwaranath, Associate Professor, Department of Basic Sciences & Humanities, followed by a heartfelt vote of thanks delivered by Dr. S. Kalyan. Dr. S. Kalyan expressed gratitude to Dr. G. Hanu Phani Ram for his insightful presentation and extended appreciation to all the participants for their active engagement throughout the program.



Welcoming the Speaker Dr. G Hanu Phani Ram



**Dr. Ch Nageshwarnath felicitating the Speaker
Dr. G Hanu Phani Ram**

The final day of the One-Week National Level FDP culminated in a valedictory function that marked the successful conclusion of the program. The session commenced with Dr. T. Roja Rani, Convener & IKS Incharge presenting a comprehensive report on the FDP. She highlighted the key takeaways, the sessions conducted, and the valuable insights gained throughout the week. Following the report, the function was felicitated by Dr. Sunil, Vice Principal, who commended

the efforts of the organizing team and emphasized the importance of integrating Indian Knowledge Systems (IKS) into the educational framework, as outlined by NEP 2020. He acknowledged the active participation and engagement of both the faculty and the participants, which greatly contributed to the success of the FDP. The ceremony concluded with a heartfelt vote of thanks delivered by the Coordinator, Dr. S. Kalyan. He expressed his sincere gratitude to all the dignitaries, speakers, participants, and organizing team members for their dedication and contributions. Dr. Kalyan also emphasized the importance of continuing the dialogue and exploration initiated during the FDP to further assimilate the Indian Knowledge Systems into the educational practices.



Group photo of participants along with coordinators and convenors of the One-Week National Level FDP on "Assimilation of Indian Knowledge Systems with NEP-2020: Prospect and Retrospect."

The FDP was a resounding success, fostering discussions, exploration, and a deeper understanding of the Indian Knowledge System within the framework of NEP 2020. The program not only enriched the participants' knowledge but also inspired them to incorporate traditional wisdom into modern educational paradigms.

Dr. M Anita
Head and Professor
(BS&H)

Dr. B. Srinivasa Rao
Head (EEE)
& IQAC In-charge

Dr. T Roja Rani
Asst.Professor-Mgt
Studies & IKS I/C

Dr. KVN Sunitha
Principal