



Research Publications & Research Activities

(2025-2026) Report



JANUARY 1, 2026

LOYOLA ACADEMY

Secunderabad

Highlights:

Research Publications				Research Activities	
Type of Publication	Count			Type of Activity	Total Number
Journal Articles (Addition to Knowledge and Invention)	Total	60		Reviewer for Journals (Yeoman Service to the Respective Fields of Study)	13
	WOS*	14			
	Scopus	7			
	Others	39			
Patents and Designs (Innovation Potential)	Total	18		Activity as Resource Persons (Exterior Recognition of Experts)	12
	Indian (National)	15			
	Others (International)	3			
Book Chapters (Consolidation of Knowledge)	Total	9		Conference Presentations (Sharing of Novel Thoughts with Peers)	22 (7-Best Paper Awards)
	Scopus/International	8			
	Others	1			
Books (Making our Students Recognized Authors)	Total	23		Events (FDPs, workshops, talks, training programmes, etc.)	13 Events
	International Publisher	Direct	-			Sponsorship to Faculty AI Training Organized by External Institutions	4
		Projects as Books	15		
	National Publisher		1		
	Local Publisher		7		
Awards (Total = 51) (Career or Personal Advancement)					
International	National	State	Others	Best Paper/Poster Award	Internal Awards
-	-	-	4	7	40
Number of Faculty Members Who Obtained Doctorates, Eligibility Tests, etc. (Additional Service to the Field and Maintaining Competitive Spirit)					
Ph.D.	NET			SET	
9	-			-	
Cumulative Citations to our Published Articles (Mark of Quality and Validation)					
Google Scholar	Scopus			Web of Science (WOS)	
625	548			252	
Per Faculty Publications (only Scopus and WOS)				$= \frac{21}{250} = 0.084$	
$= \frac{\text{Total no. of Publications}}{\text{Total no. of Faculty}}$					
Per Faculty Publications (all) $= \frac{\text{Total no. of Publications}}{\text{Total no. of Faculty}}$				$= \frac{60}{250} = 0.236$	

*WOS: Web of Science

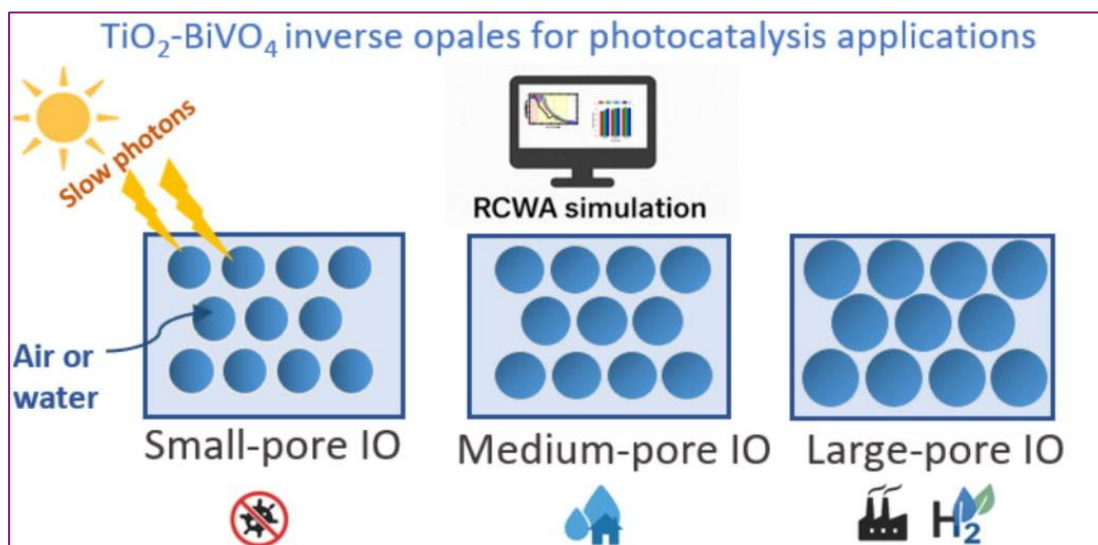
No of Seed Money Projects Sanctioned = 17 out of 18 proposals

Total amount of seed money sanctioned = Rs. 16,55,300/-, Incentives given= 2,46,000

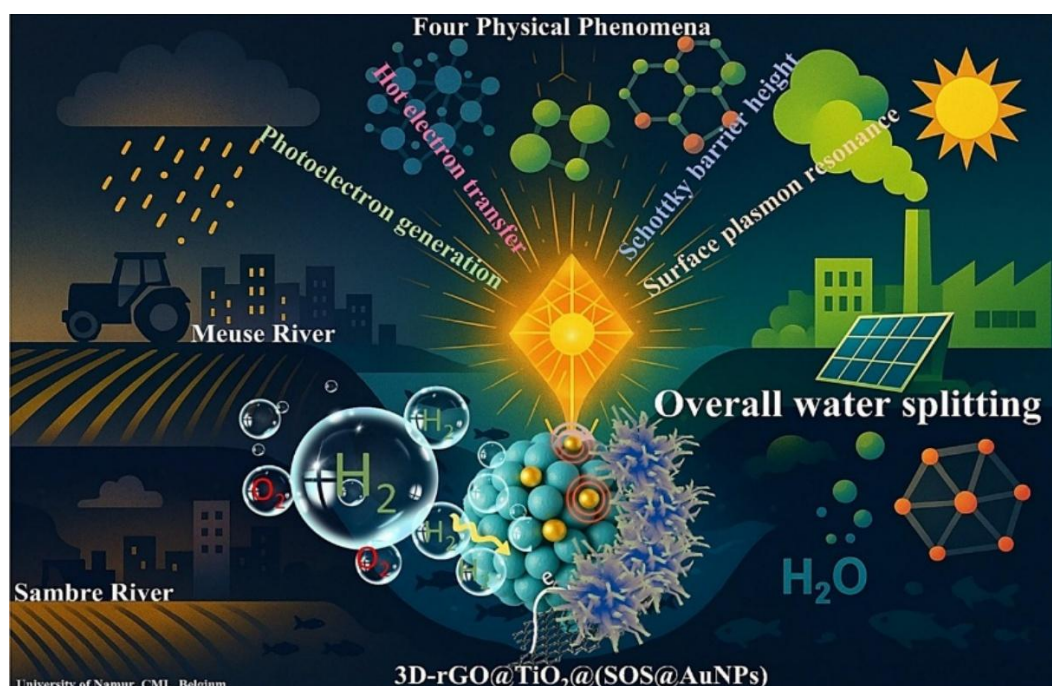
Representative Quality Publications

Web of Science Q1: (5)

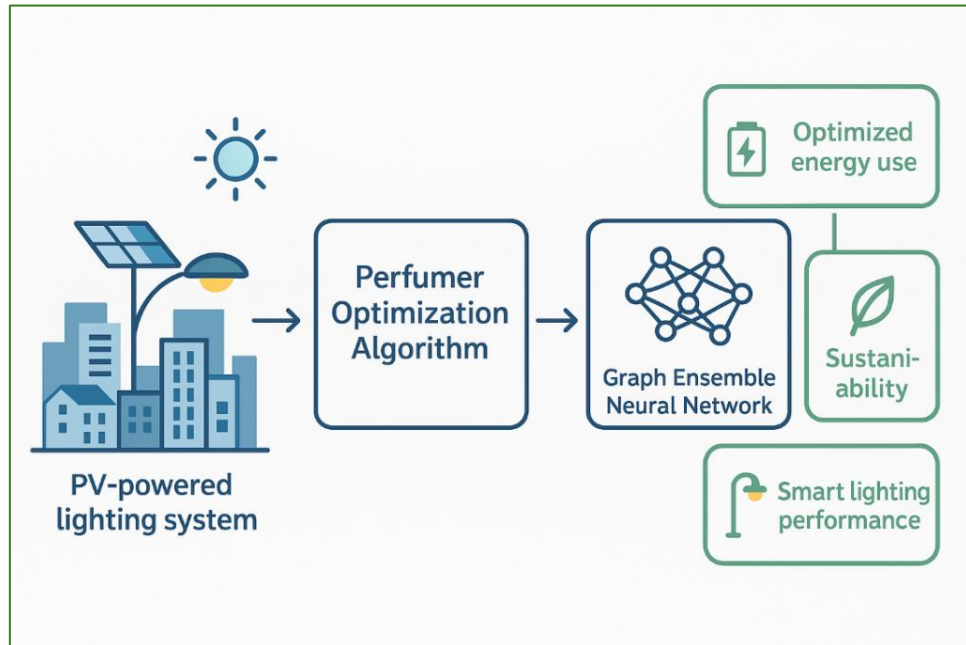
1. Oumayma Habli, **Thomas L. Madanu**, Bao-Lian Su, Olivier Deparis. “*Computational analysis of solar light harvesting properties of $\text{TiO}_2\text{-BiVO}_4$ inverse opals for applications in photocatalysis.*” **Journal of Energy Chemistry (Elsevier)**, Volume 113, February 2026, Pages: 610-621.



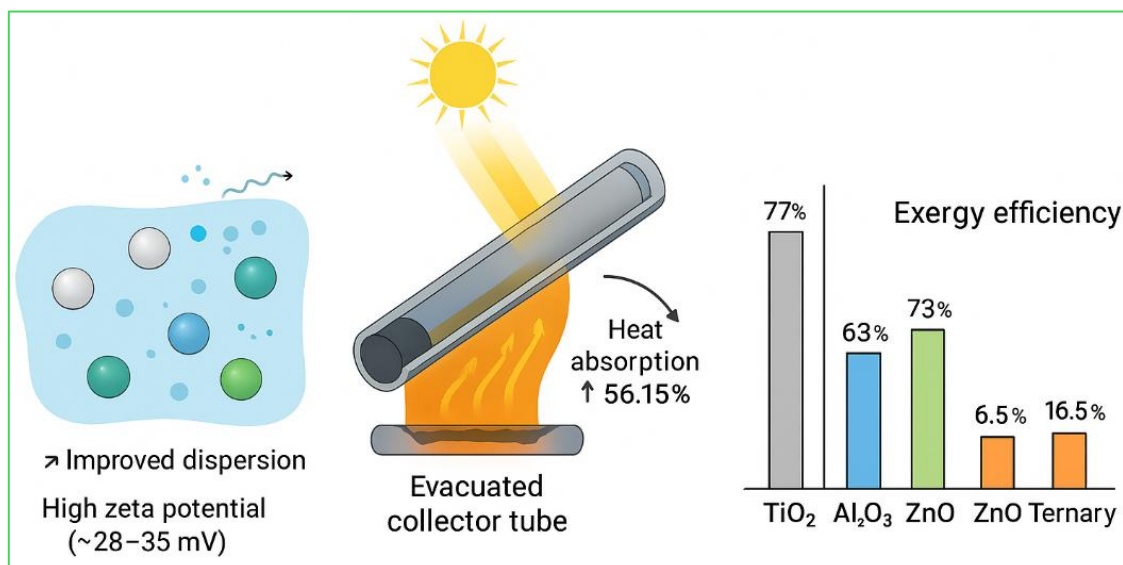
2. Laroussi Chaabane, Ivalina Trendafilova, **Thomas Lourdu Madanu**, Maxime Mathieu, Mehdi Feizpour, Marwa Chaaben, Safa Chaaben, Jun Chen, Heidi Ottevaere, Bao-Lian Su. “*Synergistic four physical phenomena in a 3D photocatalyst for unprecedented overall water splitting.*” **Chemical Engineering Journal** 527 (2026) 171663.



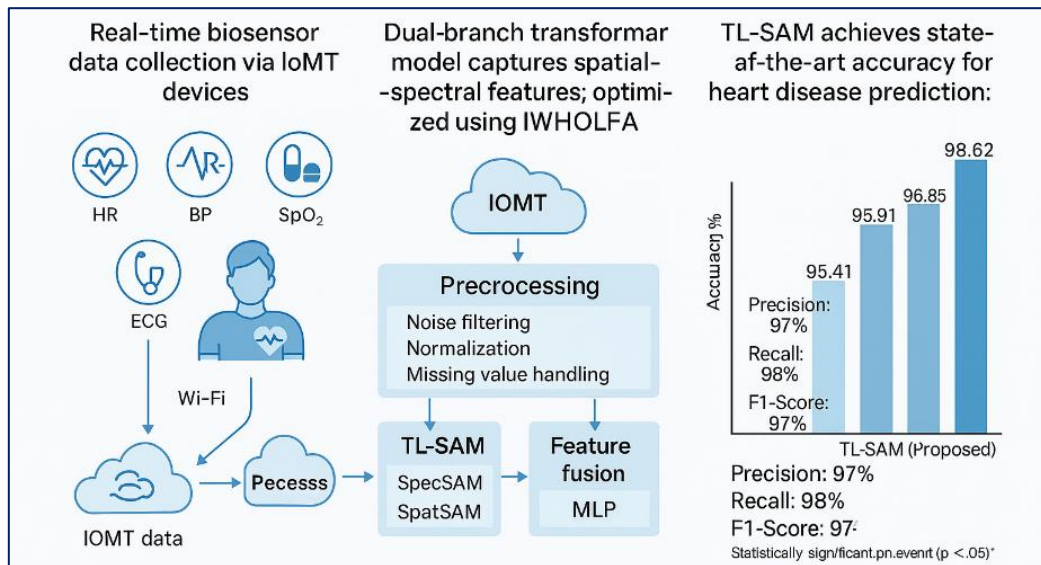
3. **Zakir Hussain**, Prabu Selvam, M. Sivaramkrishnan, M. Siva Ramkumar, Sivaprakash Paramasivam, Mohamed Ghouse, T. M. Yunus Khan, Md Amir Khan, Amanuel Zewdie. “*Optimized Energy Management of PV-Powered Lighting System for Smart Cities Using Perfumer Optimization Algorithm and Graph Ensemble Neural Network*”. **Scientific Reports (Nature Portfolio/Springer Nature)** 15 (2025) 40188.



4. T. Sathish, K. Sujit, K. Dilip Kumar, K. Umamaheswari, **Zakir Hussain**, Mustafa Abdullah, A. Anderson. “*TiO₂–Al₂O₃–ZnO Ternary Nanofluids Based Heat Absorption Energy and Exergy Efficiencies Enhancement in Solar Evacuated Collector Tubes*”. **Chemical Engineering Science (Elsevier)** 321, February 2026, 122932.

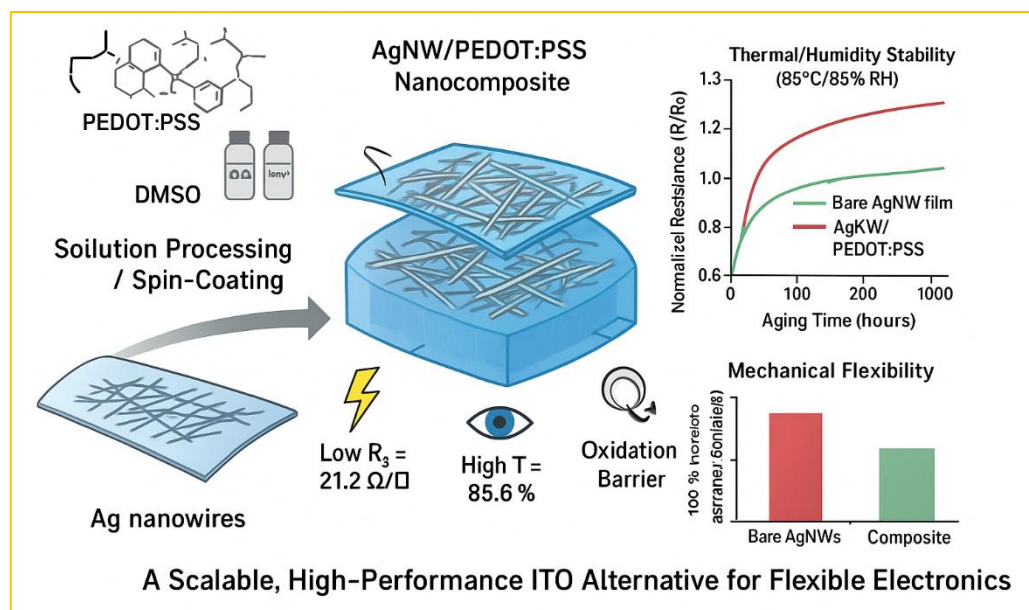


5. Vijay Kumar Damera, Ramesh Cheripelli, Narsaiah Putta, **G. Sirisha** & Deepthi Kalavala. Enhancing remote patient monitoring with AI-driven IoMT and cloud computing technologies. **Scientific Reports (Nature Portfolio/Springer Nature)** Volume 15, 2025, 24088.

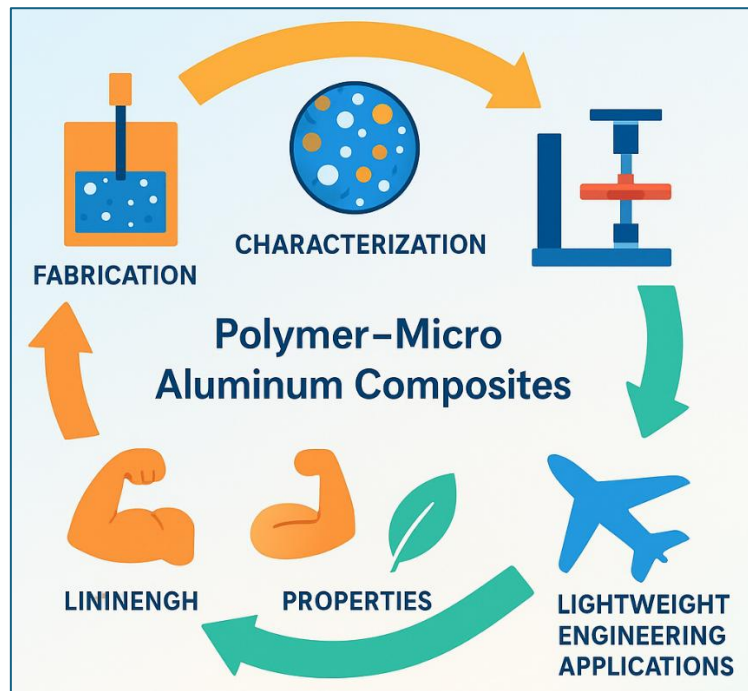


Web of Science Q4: (9)

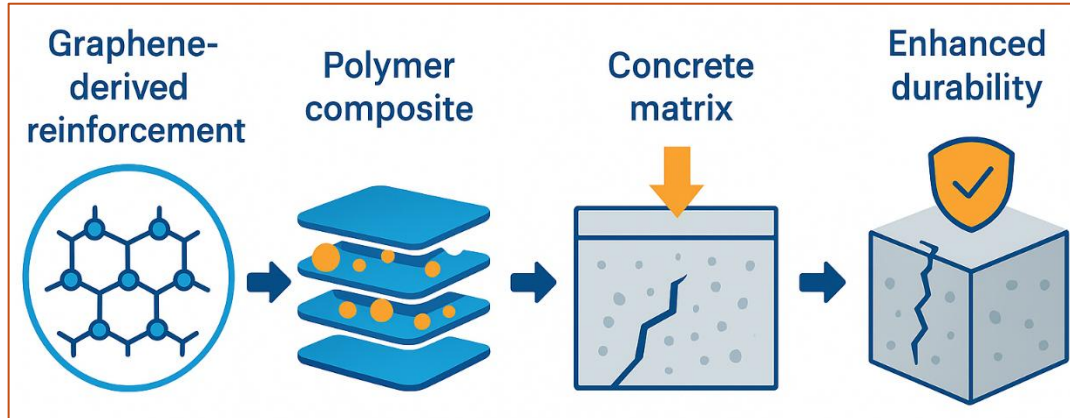
- R. Muthuku, S. M. Prakash, Nantha Kumar P, Dinesh V, Radhey Shyam Meena, Sivakumar, Radhika G Deshmukh, V G Pratheep, and **Zakir Hussain***. "Polymer-Nanowire Hybrid Composites Based on PEDOT: PSS and AgNWs for High-Performance Conductive Films in Flexible Devices". **Journal of Polymer and Composites** 13:5, August 2025, Pages: 236-250. *(Corresponding Author)



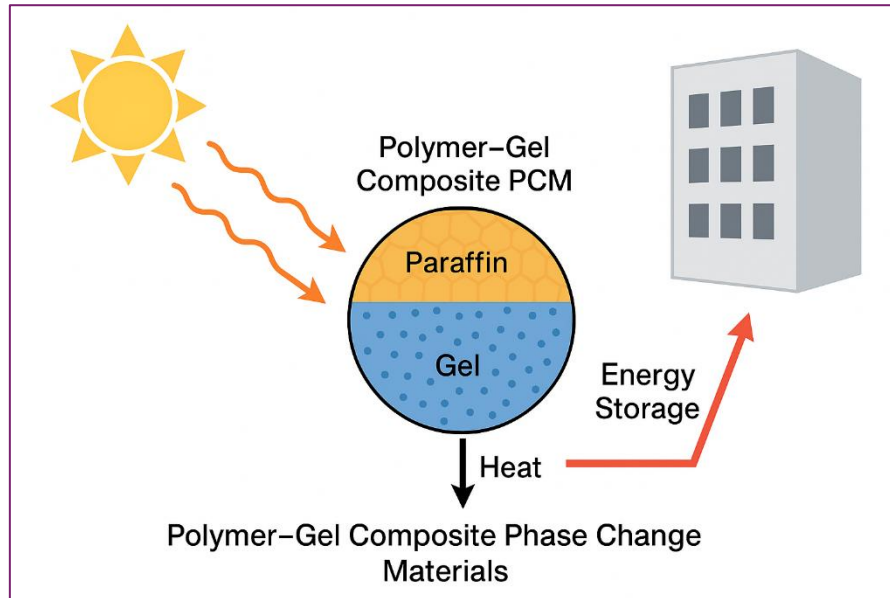
- P. Saravana Kumar, D. Sudha, Nantha Kumar P, N Rajesh, T. Venkatamuni, Sivakumar A, J Sharmila, Shailendra Kumar Bohidar, and **Zakir Hussain**. "Development of Polymer-Micro Aluminum Composites for Lightweight Engineering Applications". **Journal of Polymer and Composites** 13:6 (2025) 1-12.



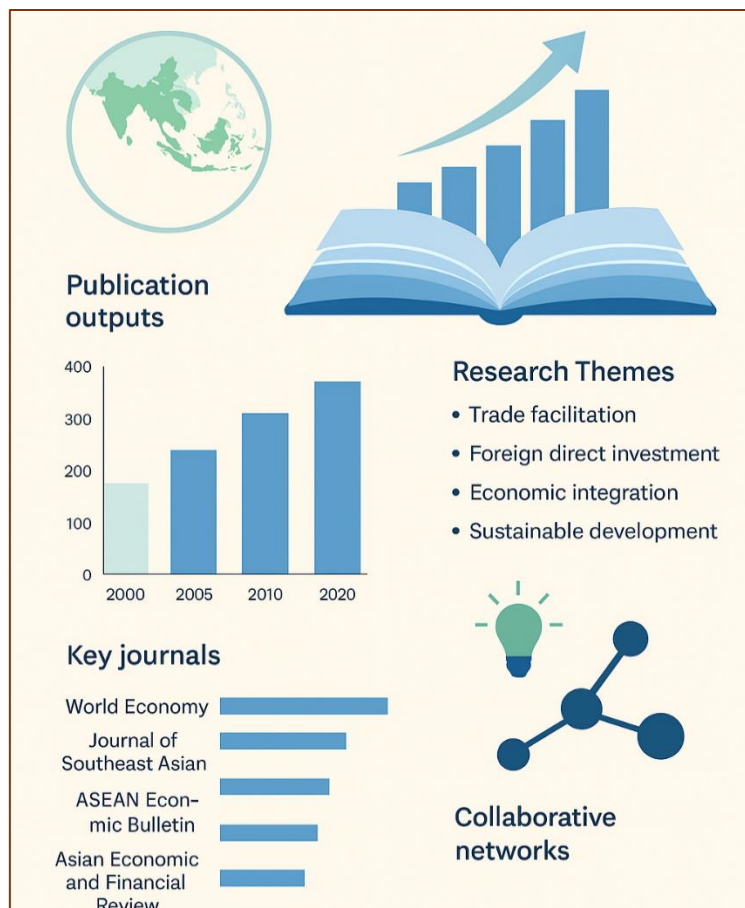
8. V. Ravi Raj, Neethi Madhavan C S, Bikash Chandra Saha, Manu Vijay, D. Sudha, A. Sivakumar, R. M. Karthikeyan, Shailendra Kumar Bohidar, **Zakir Hussain**. “*Graphene-Derived Reinforced Polymer Composites for Self-Healing and Durability Enhancement in Concrete Structures*”. **Journal of Polymer and Composites** 13:6 (2025) 77-91.



9. M. Balaji, K. Dilip Kumar, Kiran A. Dongre, Ajay Veludurthi, R Sethuraman, Peyyala Pramod Kumar, Baddepudi Malathi, G. Nixon Samuel Vijayakumar, and **Zakir Hussain**. “*Polymer-Gel Composite Phase Change Materials: A Functional Polymer Composite Approach for Solar-Thermal Energy Storage in Building Facades*”. **Journal of Polymer and Composites** 13:6 (2025) 36-51.

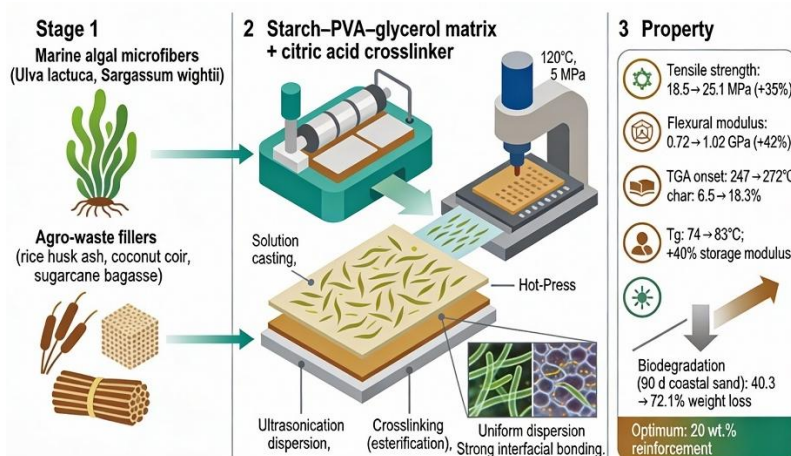


10. Vijesh P V, **Sofia Ahmed Sait**, Lekha Kasmir, “*Three Decades of Business and Trade Research in ASEAN Countries: A Comprehensive Bibliometric Review*”, **Inquietud Empresarial**, 25 (2025), 1–28.

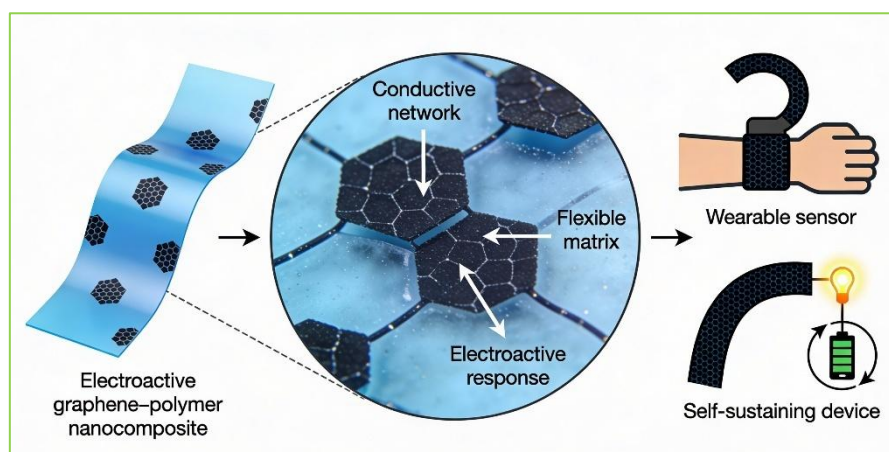


11. Sravanthi Gudikandula, R Anandhakrishnan, Jai Shanker Pillai HP, M.P. Indumathi, S Parameswari, Sivakumar S, Arun K. K, J Sharmila, and **Zakir Hussain**. “Marine Algal

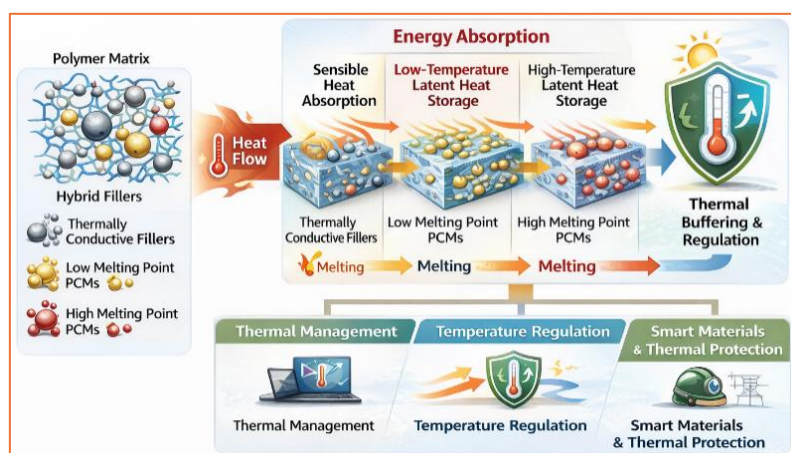
Microfiber and Agro-Waste Reinforced Crosslinked Polymer Composites for Sustainable Coastal Materials”. **Journal of Polymer and Composites** 13:6 (2025) 210-223.



12. J. Lurdhumary, Suguna B Rao, S. Nooray Sashmi, Praveen Vundrajavarapu, V G Pratheep, G. Nixon Samuel Vijayakumar, V. Pandyaraj, K. Manimekalai, and **Zakir Hussain**. “Electroactive Graphene–Polymer Nanocomposites for Self-Sustaining and Multifunctional Flexible Devices”. **Journal of Polymer and Composites** 13:6 (2025) 260-271. ISSN: 2949-9178.



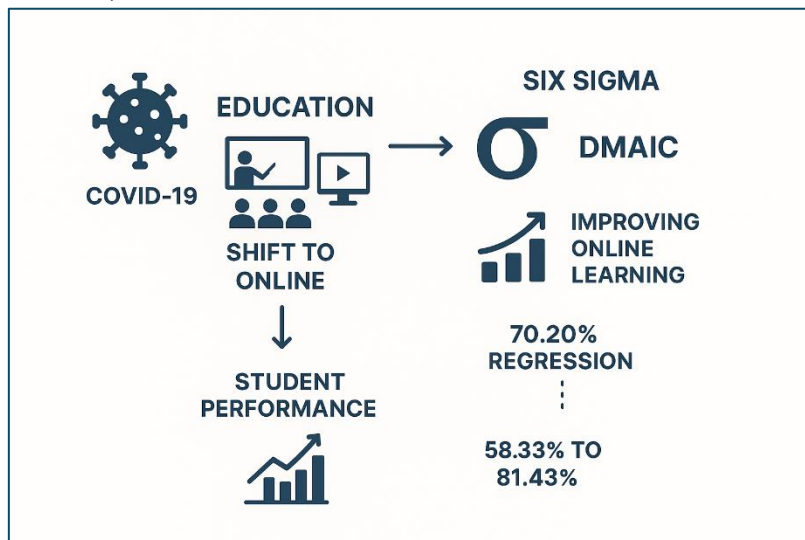
13. G Sunil, K. Selvaraju, T. S. Senthil, N Saikumari, S. Nooray Sashmi, Sivakumar A, **Zakir Hussain**, J Sharmila, and Shailendra Kumar Bohidar. “Polymeric Hybrid Systems Engineered with Multiple-Stage Energy Absorption for Temperature Control”. **Journal of Polymer and Composites** Volume 14:1 (2026), 146-155. ISSN: 2321-2810.



14. Basu, Srilata, Sasmita Pahadsingh, Sudhakar Sahu, and **Shaik Abdul Khadar**. 2026. "Design of a Compact Trident-Shaped Antenna for Wideband and Narrowband Cognitive Radio System with Full-Spectrum Utilization." *Journal of Electromagnetic Waves and Applications*, February, 1–18.

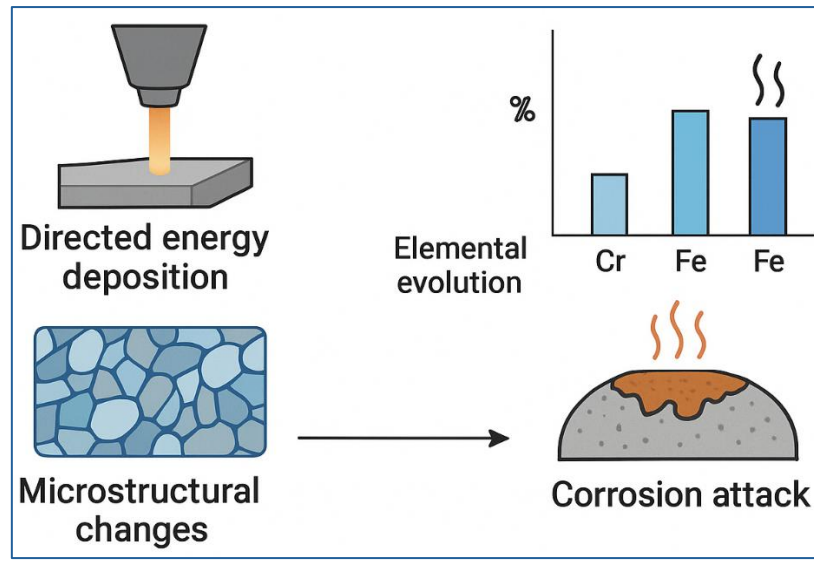
Scopus Q1: (3)

15. **Vemula Anusha**, Sathyanarayana Gardasu, Obbu Ramesh, Muhammad Rafiq, Nainaru Tarakaramu, Barno Abdullaeva, Diyorjon Abdullaev, M. Ijaz Khan. "*Quality improvement strategies for online teaching in post-pandemic education.*" **International Journal of Educational Research Open (Elsevier)**, Volume 9, December 2025, 100536.

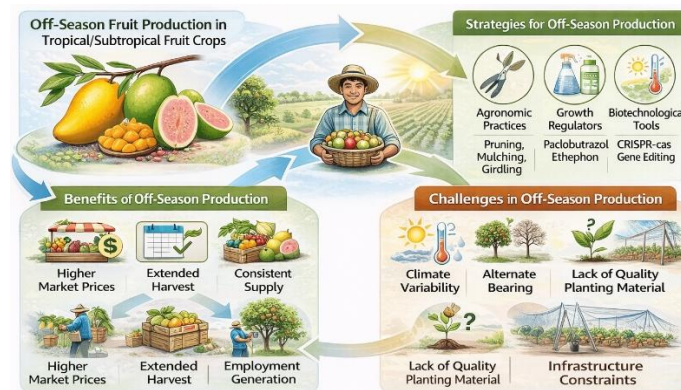


16. Ilangovan Arun, Sarange Shreepad Marotrao, Vipin Sharma, Sivakumar Karthikeyan, **Zakir Hussain**, P. Veeramanikandan, M. Venkatesulu, Rajendiran M, T. S. Senthil. "*Microstructural and Elemental Evolution of Directed Energy Deposited Inconel 825*"

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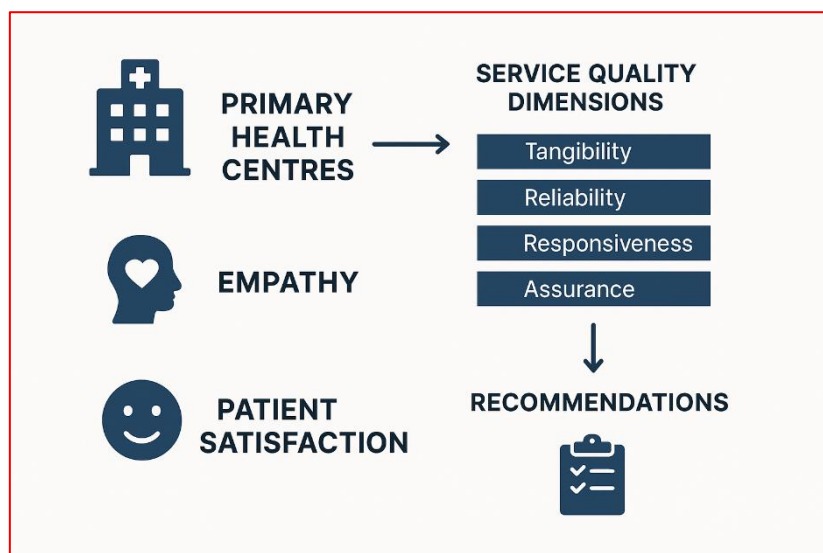


17. Ujjwal Singh, Sukjai Dhar, Rahul Singh Raghuvanshi, Pritam Roy, C. S. Maiti, Rahul Pradhan, **Jatoth Uday Bhargav**, A. Sarkar. Sustainable Approaches for Off-Season Production of Tropical and Subtropical Fruit Crops. *Applied Fruit Science* (2026) 68:23.



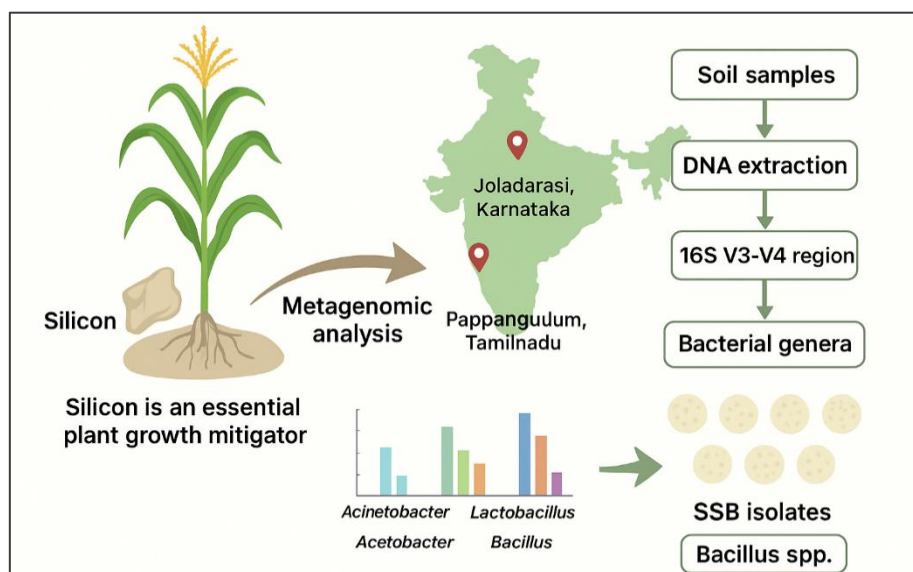
Scopus Q3: (1)

18. Sofia Ahmed Sait, P V Vijesh. “Redefining wellness: assessing grassroots healthcare transformation in India”. *Problemy Polityki Społecznej*, 69:2, 2025. 1–24.



Scopus Q4: (2)

19. Karuganti Sukumar, **Tulasi Gudisena**, Kurri Lakshminarayana Reddy, Emani Sri Gayathri Reddy. “Comparative Evaluation of Silicate Solubilizing Bacterial Populations in Zea Mays L. Rhizosphere Soils: Integrating Culture Dependent and Culture Independent Methods” **International Journal of Environmental Sciences**, Volume 11 (5) 2025. 2414-2424.



20. **Kiran Kumari Palety**, A. Annapurna, A. Pallavi, **Sreeram Vaishnavi**, **Dasari Mukesh**, Vijay Kumar Yeleti. “Proximate analysis of Clitoria ternatea flower dye in making jellies and chocolates” **Journal of Applied Bioanalysis**, Volume 11 (5) 2025. 168-177.



The blue pea flower, also known as butterfly pea (*Cleria ternata*), is a vibrant blue blossom. It is commonly used as a natural food colorant, herbal tea. Rich in antioxidants like anthocyanins, it is known for its potential to support skin health, improve memory, and reduce stress. When added to foods or drinks, it imparts a deep blue hue that can turn purple with the addition of acidic ingredients like lemon juice.



Maceration



sonication

Extraction



Drying



Harvesting



Extract

incorporation



coconut jelly



blue chocolate

ANALYSIS
moisture
fat
ash
protein
anthocyanin
antioxidant
total phenols

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1. Divyadarshan R, Sridhar Reddy B, Rahul Kumar Meher, **Jatoth Uday Bhargav**, and Nikkondi Chandra Prabha, Advances in Remote Sensing with Image Analytics for Crop Disease Monitoring, **New Era Agriculture Magazine**, Volume-4, Issue-1, June 2025, ISSN: 2583-5173.
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3. **Veera Swamy Marri, P. Mahender, N. Sujitha**, A Study on Consumer Perception of Digital Advertising Vs Traditional Advertising: A Comparative Analysis, **Journal of Emerging Technologies and Innovative Research (JETIR)**, Volume -12, Issue- 7, July 2025, ISSN: 2349-5162.
4. Bobby Brahme Pandey, B. Rajeswari, M. Prathyusha, Mallikarjuna Reddy Doodipala, **Narasimha Raju Chevula**, Exploring Impulse Buying Patterns Among Millennials in the Fashion Retail Sector: An Analysis, **Journal of Informatics Education and Research**, Volume-5, Issue -2,2025, ISSN: 1526-4726.
5. **Glory Joanna Manne**, Prevalence and Patterns of Herbal Supplement Use: A Survey Analysis of Consumer Attitude and Behaviors, **International Journal of Food Science and Nutrition**, Volume- -10, Issue- 4, 2025, ISSN: 2455-4898.
6. **V. Krupa Satyavedam**, The essence of packed & unpacked edibles in urban areas, **International Journal of Food Science and Nutrition**, Volume- 10, Issue- 3, 2025, ISSN: 2455-4898.
7. **N. Sujitha, G. Pooja, K. Aparna**, Economic Impact and Policy Challenges of Microfinance and Self-Help Groups in Hyderabad: An Empirical Analysis, Volume- 12, Issue- 3, July 2025, **International Journal of Research and Analytical Reviews**, ISSN: 2348-1269.
8. **Y. Vinod Kumar Reddy*, Ch. Lydia, K. Sudha Sundari, D. Saritha**, K. Krishna Mohan, Gera Roopa Lavanya, Ephrem Habyarimana, **Huma Nazneen, B. Noel Sebastian, V. Yamuna Tejaswi, Sathupati. Naveen Kumar, D. Anil Kumar, N. Sailaja, E. Priyanka, Ragini Modi, Jatoth Uday Bhargav, and N. Maria Das**, Marker-Assisted Introgression of bmr6 Allele into Sweet Sorghum and High Biomass Sorghum Lines for Improving Biomass-Based Biofuel Yield, **Plant Cell Biotechnology and Molecular Biology**, Volume- 26, Issue 7-8, 2025, ISSN: 0972-2025.
9. D. Venkateswarlu, R Srinivas Rao, Gingupalli Jyothi, **Y. Anjani Kumari**, Exploring the Role of Transformational Leadership in Enhancing Academic Performance: A Systematic Review, **Asian and Pacific Economic Review**, Volume- 18, issue- 1, 2025, ISSN: 1000-6052.
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11. Karuganti Sukumar, **Tulasi Gudisena**, Kurri Lakshminarayana Reddy, Emani Sri Gayathri Reddy, Comparative Evaluation of Silicate Solubilizing Bacterial Populations in Zea Mays L. Rhizosphere Soils: Integrating Culture Dependent and Culture Independent Methods, **International Journal of Environmental Sciences**, Volume- 11, Issue- 5, 2025, ISSN: 2229-7359.
12. J. Jayalakshmi, M. Geeta, Mrs. Battula Shiva Lakshmi, **K. Suguna**, Manabhanjan Sahu, Kiran Kumar Thoti, Hr Analytics and Its Influence on Recruitment in the IT Sector: A Hyderabad-Based Study, **Lex Localis-Journal of Local Self-Government**, Volume- 23, Issue- S2, 2025, ISSN:1581-5374.

13. **Sofia Ahmed Sait**, P. V. Vijesh, Redefining Wellness: Assessing Grassroots Healthcare Transformation in India, **Problemy Polityki Społecznej**. Social Policy Issues 2025, 69(2): 1–24
14. **K. Sudha Sundari**, Y. Anita Vasline, **D. Saritha**, **Y. Vinod Kumar Reddy**, **J. Uday Bhargav**, Evaluation of Parents for Seed Yield and Its Components in Sesame (*Sesamum indicum* L.), **International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)**, Volume -XIV, Issue- VIII, August 2025, ISSN: 2278-2540.
15. **Gurudevi Dabbala and Thoutam Hima Santhoshini**, Development of a Cell Line Model for ROS Studies Using Silver Nanoparticles in Rheumatoid Arthritis, **Asian Journal of Biochemistry, Genetics and Molecular Biology**, Volume- 17, Issue -9, 2025, ISSN: 2582-3698.
16. Shrikant Hari Ban, Subhashree Samantaray, Priyanka Devi, **Jatoth Uday Bhargav**, and Nikky Singh, Smart Farming: How Technology is Sowing the Future of Agriculture, **Current Agriculture Trends**, Volume-4, Issue-9, 2025, ISSN: 2583-1933.
17. **T. Swarna**, Upi Revolution: Transforming the Cashless Trend and Redefining Consumer Savings Habits, **SRM Journal of Business Horizon**, Volume-11 Issue-1, February 2025, ISSN: 2395-2504.
18. **Sudipta Sarangi**, **Ojam Rushikeswar Reddy**, **Medha Kakde**, **Nandipati Sujitha**, **Palle Mahender**, and **Marri Veeraswamy**, Evaluating Service Quality in Food Delivery: A Study Before and After AI Integration, **Advances in Consumer Research**, Volume-2, Issue-4, Sep 2025. ISSN: 0098-9258.
19. Oumayma Hablia, **Thomas L. Madanu**, Bao-Lian Sub, Olivier Deparisa, Computational analysis of solar light harvesting properties of TiO₂-BiVO₄ inverse opals for applications in photocatalysis, **Journal of Energy Chemistry (Elsevier)**, 113, February 2026, 610-621. ISSN: 2095-4956
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21. **Munnanooru Swetha**, G. Naveen Kumar, Intersecting Roles: Rethinking Work–Life Dynamics in Hospitals for Doctor Wellbeing and Quality Patient Care, **International Journal of Research in Social Sciences**, Volume-15 Issue-11, Nov 2025, ISSN: 2249-2496.
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23. **Sofia Ahmed Sait**, Lekha Kashmir, The Fintech Perception: Redefining Financial Operations in the Healthcare Sector, **MDIM Journal of Management Review and Practice (SAGE)**, Volume 3, Issue 1, October 2025, ISSN: 2583-8768.
24. R. Muthukumar, S. M. Prakash, Nantha Kumar P, Dinesh V, Radhey Shyam Meena, Sivakumar, Radhika G Deshmukh, V G Pratheep, and **Zakir Hussain***, “Polymer-Nanowire Hybrid Composites Based on PEDOT: PSS and AgNWs for High-Performance Conductive Films in Flexible Devices. **Journal of Polymer and Composites** Volume 13, Issue 5, 2025, 236-250, ISSN: 2321-2810.
25. P. Saravana Kumar, D. Sudha, Nantha kumar P, N Rajesh, T. Venkatamuni, Sivakumar A, J Sharmila, Shailendra Kumar Bohidar, and **Zakir Hussain**, “Development of Polymer–Micro Aluminum Composites for Lightweight Engineering Applications”. **Journal of Polymer and Composites** Volume 13, Issue 6, 2025, 1-12, ISSN: 2321-2810.
26. V. Ravi Raj, Neethi Madhavan C S, Bikash Chandra Saha, Manu Vijay, D. Sudha, A. Sivakumar, R. M. Karthikeyan, Shailendra Kumar Bohidar, **Zakir Hussain**, “Graphene-Derived Reinforced

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27. M.Balaji, K.Dilip kumar, Kiran A. Dongre, Ajay Veludurthi, R Sethuraman, Peyyala Pramod Kumar, Baddepudi Malathi, G. Nixon Samuel Vijayakumar, and **Zakir Hussain**, Polymer-Gel Composite Phase Change Materials: A Functional Polymer Composite Approach for Solar-Thermal Energy Storage in Building Facades. **Journal of Polymer and Composites** Volume 13, 6, 2025, 36-51. ISSN: 2321-2810.
 28. **Vemula Anusha**, Sathyanarayana Gardasu, Obbu Ramesh, Muhammad Rafiq, Nainaru Tarakaramu, Barno Abdullaeva, Diyorjon Abdullaev, M. Ijaz Khan, “Quality Improvement Strategies for Online Teaching in Post-Pandemic Education,” **International Journal of Educational Research Open (Elsevier)**, Volume 9, 2025, 100536. ISSN: 2666-3740.
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8. **Srinivas Karri**, Alle Yashoda, Deepak Kumar Sahoo, Harika Repakula, “Advancing ESG Practices: Trends, Challenges, and Future Directions in Sustainable Finance” In Book: People, Planet and Profit: Advancing Sustainable Business Practices. ICSB2025 2025. **Springer Proceedings in Geography and Sustainability**. Springer, Cham. https://doi.org/10.1007/978-3-032-11296-5_12. Pages 175-192. ISBN: 9783032112965.

9. **R. Deepti, Chinthapally Siri** (2nd Year Student), S. Md. Shakir Ali, “Innovative Approaches to Healthcare Security: Balancing Technology, Privacy, and Ethical Oversight” (Chapter 16) In Book: Transforming Global Healthcare. CRC Press, Taylor & Francis. ISBN: 9781003635215.
10. **T. Suchitra Naidu**. “Reclaiming Wisdom: Embedding Indian Knowledge Systems in Higher Education for Holistic Futures” (Chapter 7) In Book: Indian Knowledge Systems: Multidisciplinary Explorations, 66-70. HSRA Publications, Bangalore. ISBN: 9789368503989.

LIST OF FACULTIES OBTAINED PH.D.: (9)

1. **Mr. Shaik Abdul Khadar, Assistant Professor-CSIOT**, has been awarded the degree of Doctor of Philosophy of the University, with the thesis title, “Design and Analysis of Metasurface Based Multifunctional Antenna”, from Kalinga Institute of Industrial Technology Deemed to be University, Bhubaneswar, Odisha, India, on July 2, 2025.
2. **Ms. V. Krupasatyavedam, Assistant Professor, FSND**, has been awarded the degree of Doctor of Philosophy in Home Science, with the thesis title “The Impact of Mother’s Dietary Choices on the quality of Breast Milk” from Nirwan University, Jaipur, Rajasthan, India, on August 14, 2025.
3. **Mrs. Shirley Lillian Mylabathula, Assistant Professor, FSND**, has been awarded the degree of Doctor of Philosophy in Home Science, with the thesis title “Effect of Stress on Dietary Pattern, Lifestyle, and Physical Activity among college-going Students” from Nirwan University, Jaipur, Rajasthan, India, on August 14, 2025.
4. **Mrs. Nandipati Sujitha, Assistant Professor, School of Commerce**, has been awarded the degree of Doctor of Philosophy in Commerce, with the thesis title, “A Study on Dividend Policy and Its Impact on Shareholders’ Wealth (On Pharma Companies in India)” from J.S. University Shikohabad, Firozabad, Uttar Pradesh, India, on August 30, 2025.
5. **Mrs. Aparna K, Assistant Professor, School of Commerce**, has been awarded the degree of Doctor of Philosophy in Management, with the thesis title “An Empirical Study on Quality of Work Life of Employees in Academic Institutions in Hyderabad” from J.S. University, Shikohabad, Firozabad, Uttar Pradesh, India, on August 30, 2025.
6. **Mrs. Gurrala Pooja, Assistant Professor, School of Commerce**, has been awarded the degree of Doctor of Philosophy of the University, with the thesis title, “A Comprehensive Analysis of Tax Saving Scheme Awareness among Women Faculty in Engineering Colleges of Hyderabad District,” from J.S. University Shikohabad, Firozabad, Uttar Pradesh, India, on August 30, 2025.
7. **Mr. Rajkumar Reddy Parvathagari, Assistant Professor at the School of Commerce**, has been awarded the degree of Doctor of Philosophy of the University, with the thesis title “Investors’ perception towards cryptocurrency in India- A study of select Investors” from Kakatiya University, Warangal, Telangana, India, on October 7, 2025.
8. **Mrs. K. Sudha Sundari, Assistant Professor at the School of Agriculture**, has been awarded the degree of Doctor of Philosophy with the thesis title “Studies on genetics of seed yield and its component characters in Sesame” from Annamalai University on December 11, 2025.
9. **Mrs. Motiki Onix Tryphoso, Assistant Professor, FSND**, has been awarded the degree of Doctor of Philosophy with the thesis title “**Bacterial Investigation of Selected Street Food in Hyderabad, Telangana**”, from Nirwan University, Jaipur, Rajasthan, India, on January 6, 2026.

LIST OF FACULTIES AS RESOURCE PERSON: (12)

1. **Dr. K. Rama, IQAC Coordinator & Assistant Professor**, delivered a talk on “Role of IQAC, AQAR and NAAC Procedures & Practices”, organized by St Joseph’s Degree & PG College (Autonomous), Affiliated to Osmania University, Koti Road, Hyderabad, Telangana, on June 17, 2025.

2. **Mrs. K. B. Sravanthi, HOD & Assistant Professor of BBA (ED)**, delivered a talk titled “Entrepreneurship: The role of resilience in nurturing an entrepreneur skill,” organized by CMR Technical Campus, Hyderabad, Telangana, on June 19, 2025.
3. **Dr. Shafiq Ahmed, HOD & Assistant Professor, EPCA**, delivered a talk on “Subaltern Politics and Activism in Contemporary India: Challenges and Opportunities” at the One-Day National Symposium organized by the Department of Political Science, Government Degree College for Women, Hussaini Alam, Hyderabad, on July 30, 2025.
4. **Mr. G. Srivatsa, HOD & Assistant Professor of Digital Marketing**, delivered a talk titled “Digital Marketing Trends-2025” at Avinash College of Commerce, Degree Campus, Kukatpally, Hyderabad, on August 20, 2025.
5. **Mr. Upputuri Suresh, Assistant Professor**, delivered a talk on “Human Resource Management-Performance Appraisal Method” organized by Avinash College of Commerce, Degree Campus, Kukatpally, Hyderabad, on August 21, 2025.
6. **Mrs. K. B. Sravanthi, HOD of BBA-ED**, delivered a talk titled “Building an Entrepreneurial Mindset” at Avinash College of Commerce, Degree Campus, Kukatpally, Hyderabad, on September 16, 2025.
7. **Dr. Swaralipi Nandi, Dean & Assistant Professor of Arts**, delivered a talk, on “Can the Subaltern Speak on Energy? Reading the Invisible Third World Woman in Energy Systems Through Spivak” in Decolonizing Energy – Hiwaraat Conference in the forum Decolonizing Energy: The Past, Present, and Future of Energy Justice, organized by Georgetown University, Doha, Qatar from 3rd -5th October 2025.
8. **Dr. Swaralipi Nandi, Dean & Assistant Professor of Arts**, delivered a Plenary talk on “Ecologies of a Post-Carbon Future” at the National Seminar “Ecologies of Belonging and Planetary Futures, organized by Sacred Heart College, Cochin, Kerala on 3rd December 2025.
9. **Dr. Swaralipi Nandi, Dean & Assistant Professor of Arts**, delivered a Plenary talk on “Reclaiming Feminist Spaces: Feminist Commons and Imagines of just Transition” at the National Seminar “Affective Spaces, organized by Bharat Mata College, Cochin, Kerala on 3rd December 2025.
10. **Dr. K. Padmalatha, Assistant Professor-Biotechnology**, delivered a talk on “Molecular Biology Techniques” organized by ICMR-National Institute of Nutrition, Department of Health Research, Ministry of Health & Family Welfare, GoI, on October 17, 2025.
11. **Dr. P. Raj Kumar Reddy, HoD-B.Com. Information Systems** delivered a guest Lecture titled “Research paper orientation.” at Avinash college of commerce, Secunderabad.
12. **Dr. Chelpuru Madhu, Assistant Professor (EPCA)**, has been invited to Participate as Expert for Financial Literacy Under SINGIDI Programme, Date of Telecast: 19th Feb 2026, Time of Telecast: 05:30:00 PM, Date & Time of recording: 29th Jan 2026 03:00:00 PM, Duration: 00 hrs 30 mins, Place of Recording, Doordarshan TV Studios Complex, Rahat Nagar, Amberpet, Hyderabad.

LIST OF CONFERENCE PRESENTATIONS: (22)

1. **Ms. Mahathi Tipparajhula** presented a paper titled “Comparative Analysis of Machine Learning and Deep Learning Models for Multiclass Anemia Prediction in Telangana” in the International Conference on Emerging Trends in Science and Technology, organized by Little Flowers Degree College, Hyderabad, during July 28-30, 2025. **(received Best Research Paper Award)**
2. **Mrs. Saidugari Sarashri & Mrs. Y. Ratna Deepthi.** **Poster presentation titled** “AI-Based Tools and Techniques for Advanced Materials and Characterization” in the International Conferences on Advancements in Materials and Characterization ICAMC 2025 organized by Sathyabama Institute of Science and Technology, Chennai, from August 11-13, 2025. **(received Best Poster Award)**
3. **Dr. Shaik Abdul Khadar.** **Oral presentation titled** “MIMO Antenna Loaded with Metasurface for Wireless Communication” in the International Conference on Knowledge Driven Approaches in VLSI and RF Design (KeDAR-2025), organized by the National Institute of Technology, Uttarakhand, India, held during 05–06 September 2025.
4. **Ms. Tanushri Kumbhare, Dr. M. L. Thomas, & Dr. Zakir Hussain.** **Poster presentation titled** “High-Performance AgNW/PEDOT: PSS Polymer Nanocomposite Electrodes for Flexible Electronics”. Advances in Chemical Engineering and Process Technologies: A Systems Engineering Perspective (ACEPS-2025) held at CSIR-Indian Institute of Chemical Technology, Hyderabad, on September 15, 2025.
5. **Mr. G. Niranjan, Mr. Abhishek Kumar, Ms. K. Mounika, Dr. M. L. Thomas, & Dr. Zakir Hussain.** **Poster presentation titled** “Sustainable Biodiesel Synthesis via Novel Agro-Waste Catalysts”. Advances in Chemical Engineering and Process Technologies: A Systems Engineering Perspective” (ACEPS-2025) held at CSIR-Indian Institute of Chemical Technology, Hyderabad, on September 15, 2025.
6. **Ms. Nandini, Ms. A. Rekha, and Dr. G. Vani.** **Poster presentation titled** “Pretreatment Strategies for Enhanced Enzymatic Saccharification of Rice Straw” in Advances in Chemical Engineering and Process Technologies: A Systems Engineering Perspective (ACEPS-2025), organized by the Chemical Engineering and Process Technology Department, CSIR-Indian Institute of Chemical Technology, Hyderabad, India, on September 15, 2025.
7. **Ms. B. Anjali, Ms. S. Vaishnavi, and Dr. G. Vani.** **Poster presentation titled** “Process Intensification Approaches for Converting Vegetable Waste and Lignin into Bioethanol and Sustainable Materials” in the Advances in Chemical Engineering and Process Technologies: A Systems Engineering Perspective (ACEPS-2025), organized by the Chemical Engineering and Process Technology Department, CSIR-Indian Institute of Chemical Technology: Hyderabad, India on September 15, 2025.
8. **Mr. U. Manoj, Mr. P. Sathwik, Mr. B. Sreeshanth Varma, and Dr. Vani Gandham** **Poster presentation titled** “Sustainable Lignin-Based Wood Adhesive from Water Hyacinth” at the Advances in Chemical Engineering and Process Technologies: A Systems Engineering Perspective (ACEPS-2025), organized by the Chemical Engineering and Process Technology Department, CSIR-Indian Institute of Chemical Technology: Hyderabad, India on September 15, 2025.
9. **Ms. Dasari Thanu Sri, Ms. Afshan, & Ms. Kaki Eliana Hadassah** **Poster presentation titled** “Forward Osmosis based water recovery from domestic wastewater with suitable draw solution” in the Advances in Chemical Engineering and Process Technologies: A Systems Engineering Perspective (ACEPS-2025) organized by the Chemical Engineering and Process Technology Department, CSIR-Indian Institute of Chemical Technology, Hyderabad, India on September 15, 2025.
10. **Dr. Rajkumar Reddy Parvathagari** **Oral presentation titled** “Global and Indian MOOCs Platforms in Accounting Education – A Comparative Analysis” in the 47th All India Accounting Conference and International Seminar on Accounting Education and Research, organized by

Janardhan Rai Nagar Rajasthan Vidyapeeth (Deemed to be University), Udaipur, held during October 12-13, 2025.

11. **Dr. N. Mariadas. Oral presentation titled** “Role of Digital Technologies in Agri-Supply Chain Management for Empowering Farmers”. At the 39th Annual Conference on Agriculture Marketing, organized by the University of Hyderabad, held from October 29 to November 1, 2025.
12. **Dr. N. Mariadas. Oral presentation titled** “Transforming Agricultural Supply Chains through Farmer-Producer Organizations”. At the 39th Annual Conference on Agriculture Marketing, organized by the University of Hyderabad, held from October 29 to November 1, 2025.
13. **Zakir Hussain, Thomas L. Madanu. Oral presentation titled** “From Lab to Pilot Scale: Biomass Conversion with a Novel Sustainable Catalyst”. Applications of Chemistry in Nanosciences and Biomaterials Engineering (NanoBioMat 2025) – Winter Edition, Organized by the University of Bucharest, Romania, from 26th to 28th November 2025.
14. **Thomas L. Madanu, Zakir Hussain, Bao-Lian Su. Poster presentation titled** “Harnessing Slow Light and Plasmonic Effects in Photonic Crystals for Unprecedented H₂ Evolution”. Applications of Chemistry in Nanosciences and Biomaterials Engineering (NanoBioMat 2025) – Winter Edition, Organized by the University of Bucharest, Romania, from 26th to 28th November 2025. **(Received Best Paper Award)**
15. **Dr. Y. Vinod Kumar Reddy. Oral presentation titled** “Impact of Growth Regulators on Floral Sex Determination and Yield Attributes in Castor” at the One Day National Seminar “Advances in Life Sciences for Diversity, Applications, and Human Welfare” Organized by MVS Government Arts and Science College, Hyderabad. 24th January 2026 **(Received Best Paper Award)**
16. **Dr. Shafiq Ahmed. Oral presentation titled** “Artificial Intelligence in Indian Urban Governance: Tracing Evidence from Practice” in Two-Day National Seminar on “Social Policies and Public Administration in India: Vision 204 7” held at the Maulana Azad National Urdu University, Hyderabad on 20- 21 January 2026. **(Received Best Paper Award)**
17. **A. Poojitha, A. Renuka Devi, Padmalatha K. Poster presentation titled** “Exploring the Integration of in silico Analysis and Conservation of Medicinally important plants for Sustainable Development” at The First International Conference on Innovations in Medicinal Plants and Natural Products Research (IMPNRR) organized by R.B.V.R.R. Women's College and Telangana Medicinal Plants Board, Hyderabad dated 12-14 Feb, 2026. **(Received Best Poster Award)**
18. **Kasireddy Shashmitha Reddy, Nenavath Srikanth Rathod, Chinthala Jeevadharaga, Jatoth Sandhya Rani, Padmalatha K. Poster presentation titled** “Sustainable Management of Threatened Medicinal and Aromatic Plants around Greater Hyderabad” at The First International Conference on Innovations in Medicinal Plants and Natural Products Research (IMPNRR) organized by R.B.V.R.R. Women's College and Telangana Medicinal Plants Board, Hyderabad dated 12-14 Feb, 2026.
19. **Padmalatha Koilkonda, Oral presentation titled** “Conservation of IUCN Red Listed Medicinal and Aromatic Plants in and around Greater Hyderabad” at The First International Conference on Innovations in Medicinal Plants and Natural Products Research (IMPNRR) organized by R.B.V.R.R. Women's College and Telangana Medicinal Plants Board, Hyderabad dated 12-14 Feb, 2026.
20. **Sofia Ahmed Sait, Oral presentation titled** “Beyond Compliance: How Institutional Investors Shape the Strategic Diversity of CSR Project Portfolios in India” in the Two-Day National Conference “Paradigm Shift in Business Ecosystem: Innovations, AI, Tariffs and SDGs for Prosperous India at Moulana Azad National Urdu University, Hyderabad dated 16th -17th February 2026.
21. **Jatoth Uday Bhargav, Oral presentation titled** “Response of Different Levels of GA3 and Zinc on Growth and Yield of Sweetcorn” in the Two-Day International Conference on Global Sustainability through Life Sciences: Green Energy, Climate Resilience, & SDG Integration at St. Pious X Degree & PG College for Women, Hyderabad dated 17-18 February 2026.

22. **Sofia Ahmed Sait, Oral presentation titled** “CSR Implementation Structures and the Dispersion of Corporate Social Investment Portfolios: Evidence from India” in the Conference on “Climate Risk and Sustainable Finance: Pathways to Resilient and Responsible Growth- The Role of Banks and Financial Institutions at Narsee Monjee Institution of Management Studies, Hyderabad dated 6th February 2026 (**Received Best Paper Award**).

LIST OF REVIEWER / EDITORIAL SERVICES RENDERED: (12)

Journals Reviewers/ Editorial Board: (9)

- 1) **Dr. Zakir Hussain, Dean of Research & Assistant Professor in Chemical Engineering**, has reviewed manuscripts for:
 - i. ACS Applied Nano Materials (Impact Factor=**5.5**) (Publisher: **American Chemical Society**)
 - ii. Journal of Environmental Chemical Engineering (Impact Factor=**7.2**) (Publisher: **Elsevier**)
 - iii. Journal of the Taiwan Institute of Chemical Engineers (Impact Factor=**6.3**) (Publisher: **Elsevier**)
 - iv. Process Safety and Environmental Protection (Impact Factor=**7.8**) (Publisher: **Elsevier**)
 - v. Chemical Engineering Journal Advances (Publisher: **Elsevier**)
 - vi. South African Journal of Chemical Engineering (Impact Factor=**5.1**) (Publisher: **Elsevier**)
 - vii. Nondestructive Testing and Evaluation (Impact Factor=**4.2**) (Publisher: Taylor & Francis)
 - viii. Scientific Reports (Impact Factor=**3.9**) (Publisher: **Nature Portfolio**)
 - ix. BioEnergy Research (Impact Factor=**3.0**) (Publisher: **Springer Nature**)
 - x. Discover Catalysis (Publisher: **Springer Nature**)
 - xi. Clean Technologies (Impact Factor=**4.7**) (Publisher: **MDPI**)
 - xii. Catalysts (Impact Factor=**4.0**) (Publisher: **MDPI**)
 - xiii. Bioresource and Bioproducts (Publisher: **MDPI**)
- 2) **Dr. P. Swapna, Assistant Professor (M.Sc. Organic Chemistry)**, has reviewed manuscripts for
 - i. RSC Advances (**Impact Factor: 4.6**) (Publisher: **Royal Society of Chemistry**)
 - ii. Organic & Biomolecular Chemistry (OBC) (**Impact Factor: 2.8**) (Publisher: **Royal Society of Chemistry**)
 - iii. Vaccines (**Impact Factor: 3.4**) (Publisher: **MDPI**)
 - iv. Biomedicines (**Impact Factor: 3.9**) (Publisher: **MDPI**)
 - v. Life (**Impact Factor: 3.4**) (Publisher: **MDPI**)
 - vi. Nanoscale Advances (**Impact Factor: 4.7**) (Publisher: **MDPI**)
 - vii. Frontiers in immunology (**Impact Factor: 3.2**) (Publisher: **MDPI**)
- 3) **Dr. Padmalatha Koilkonda, Assistant Professor in Biotechnology**, has received the Certificate of Review from the following journals:
 - i. “Functional & Integrative Genomics” (Impact Factor=**3.1**) (Publisher: **Springer Nature**)
 - ii. **Genetic Resources and Crop Evolution** (Publisher: **Springer Nature**)
- 4) **Dr. Sofia Ahmed Sait, Assistant Professor, School of Commerce**, received a reviewer certificate from:
 - i. Journal “MDIM Journal of Management Review and Practice” (Publisher: **SAGE**)
 - ii. Journal of Emerging Markets and Management

iii. International Journal of Innovative Research in Technology

- 5) **Dr. P. Kiran Kumari, Assistant Professor in Food Technology & Management**, has received the Certificate of Reviewer for the two manuscripts in the Journal “Journal of Food Measurement and Characterization” (**Impact Factor=3.3**) (Publisher: **Springer Nature**) in 2025.
- 6) **Mrs. Vemula Anusha, Assistant Professor, School of Commerce**, has received the Certificate of Reviewer from:
 - i. Calcutta Statistical Association Bulletin (Publisher: **SAGE**)
 - ii. Journal of Global Research in Education and Social Science
- 7) **Mrs. K. Sudha Sundari, Assistant Professor in Agriculture**, has received the Certificate of Excellence in Reviewing for the “**Journal of Advances in Biology & Biotechnology**” in recognition of an outstanding contribution to the quality of the journal on June 24, 2025.
- 8) **Mrs. Y. Anjani Kumari, Assistant Professor at the School of Commerce**, has reviewed manuscripts for the International Journal of Science and Research.
- 9) **Dr. Rachel Shaline, Dean of Administration**, has been appointed as **Editorial Board Member** of the Journal of Human Resource Management, Scientific Publishing Group INC, USA.

LIST OF FACULTIES AS CONFERENCE/BOOK CHAPTERS REVIEWERS (3):

- 10) **Dr. Santhi Chebiyyam, Assistant Professor in Computer Science**, has received the certificate of reviewer for the “2nd International Conference on Networks and Soft Computing (ICNSoC 2025)” organized by the Dept. The 2025 edition of Vignan’s Foundation for Science, Technology & Research (VFSTR) in Computer Science & Engineering was held at Vadlamudi, Guntur, Andhra Pradesh, India, from June 12 to 14, 2025.
- 11) **Dr. Abdul Khadar Shaik, Assistant Professor at CSIOT**, has received the Certificate of Excellence in Reviewing for the “International Conference on Emerging Trends in Intelligent Computing Techniques (ICETICT 2024),” organized by the Department of Computer Science & Engineering, School of Engineering & Technology, DRIEMS University, Cuttack, Odisha, India, held from 27th to 28th December 2024.
- 12) **Mrs. Swarna T, Assistant Professor in the School of Commerce:**
 - i. received the Certificate of Reviewer for the manuscript titled “The Quantum Leap in Financial Intelligence and Forecasting” in IGI Global Scientific Publishing’s scholarly publication on July 14, 2025.
 - ii. received the Certificate of Reviewer for the manuscript titled “Impact of Green Finance on Carbon Footprint and the Role of Sustainable Investments in Carbon Emission Reduction: Exploring ESG, Policy Frameworks, and Financial Mechanisms Across Developed Economies” in IGI Global Scientific Publishing’s scholarly publication on September 16, 2025.
 - iii. received the Certificate of Reviewer for the manuscript titled “Fintech Innovation in Green Finance the Role of Digital Platforms in Democratizing Sustainable Investment: The Role of Digital Platforms in Democratizing Sustainable Investment” in IGI Global Scientific Publishing scholarly publication on September 19, 2025.
 - iv. reviewed the research papers submitted at International Conference on Innovative Practices in Business [ICIPB-2025], organised by the Department of Management Studies, G H Raisoni College, Engineering, Nagpur on November 28 and 29, 2025.

LIST OF FACULTIES GUIDED DOCTORAL STUDENTS: (1)

1. **Dr. Bhavani Akkapeddi** (B.A. Economics, Public Administration, and Computer Applications) guided doctoral candidate Mr. Chandan Kumar in the stream of management science registered at University of Mysore, Karnataka. **Mr. Chandan Kumar** has defended his thesis entitled “Rural Livelihood Enhancement through CSR: A study of Initiatives of Select Companies in India” (Registration No: WOF/489/2020-21) has on 23rd August 2025, from Xavier Institute of Management & Entrepreneurship (XIME), Bengaluru, a recognized Research Centre of University of Mysore.



EXTERNAL AWARDS RECEIVED BY FACULTIES: (4)

1. **Dr. N. Mariadas, Assistant Professor of the Agriculture Department**, was chosen for a prestigious award by the Southern Private Lecturer Teacher Organisation (SPLTO) & K V R Jaya Lakshmi Educational Trust at a ceremony on August 31, 2025, at Chalapathi Engineering College, Guntur.



2. **Dr. K. Rama, IQAC Coordinator**, was conferred with the Bhisma Acharya award by Bharat Education Excellence Awards, organized by Brain-O-Vision at T-Hub, Telangana.



3. **Dr. L. Radhika Rani, Dean of the School of Informatics**, was conferred with the **Bhisma Acharya award** by the Bharat Education Excellence Awards, organized by Brain-O-Vision at T-Hub, Telangana.



4. **Dr. L. Radhika Rani, Dean of the School of Informatics**, was conferred with the **International Distinguished Educator Award 2025** during the Global Edu-Conclave 2025, held virtually on September 5, 2025, organised by the International Institute of Organized Research (I2OR) and Green ThinkerZ.



EVENTS ORGANIZED AND REPRESENTATIONS MADE: (13)

1. New Faculty Orientation Program

Date of Event: June 14, 2025

Session Lead: Dr. Zakir Hussain, Dean of Research

Attendees: New Faculty Members

Venue: Xavier Hall, Administrative Block

Number of Participants: 35 (Faculty from all departments of Loyola)

a. Introduction

A comprehensive research orientation session for new faculty members was successfully conducted on June 14, 2025. The session, led by **Dr. Zakir Hussain**, Dean of Research, aimed to familiarize new faculty members with the institution's research ecosystem, the Sustainable Development Goals (SDGs), guidance on student projects, support mechanisms, including the plagiarism policy, and strategic expectations.

b. Session Overview

Dr. Hussain's presentation provided a clear and structured roadmap for initiating and sustaining a successful research career at the institution. The session was highly informative, covering the following key areas:

- **The Research Lifecycle:** A step-by-step guide was presented, taking faculty from the initial stage of formulating a research question to the final stage of disseminating findings. This included discussion on various publication avenues and the importance of Intellectual Property Rights (IPRs).
- **Research Incentives Policy:** A detailed comparison of the old and new research incentives policies was provided. Dr. Hussain clarified the terms, conditions, and benefits under the new policy, highlighting the institution's commitment to rewarding high-quality research output.
- **Seed Money Grants:** The call for proposals for internal seed money projects was announced. The session outlined the application requirements, eligibility criteria,

and the objectives of this funding, which is designed to support early-stage research and enable faculty to gather preliminary data for larger, external grants.

- **Research Profile Building:** Strategic advice was provided on establishing and maintaining a robust professional research profile. This emphasized the importance of visibility, networking, complying with SDGs, and effectively showcasing one's work to the academic community and beyond.

c. Conclusion

The orientation session was highly successful in equipping new faculty with the essential knowledge and tools to begin their research endeavors. The clear articulation of available resources, policies, and support from the Dean's office has set a strong foundation for fostering a vibrant and productive research culture among the new academic staff.

2. National Seminar: Empowering India's Research Future (Theme: Research for a Resilient, Self-Reliant Viksit Bharat)

Event Attended: National Seminar on "Empowering India's Research Future"

Dates: July 9th - 10th, 2025

Organizer: Research Heights

Number of Participants: more than 1000 (faculty from various Institutes Nationwide)

Venue: Engineering Staff College of India, Gachibowli, Hyderabad

Attendee on behalf of Loyola Academy: Dr. Zakir Hussain, Dean of Research

a. Introduction

Dr. Zakir Hussain, Dean of Research, attended the two-day national seminar "Empowering India's Research Future" on July 9th and 10th, 2025. The seminar provided a significant platform for leaders from national bodies, including DRDO, ISRO, DST, and ICSSR, to discuss the future trajectory of research and innovation in India.

b. Seminar Overview and Key Insights

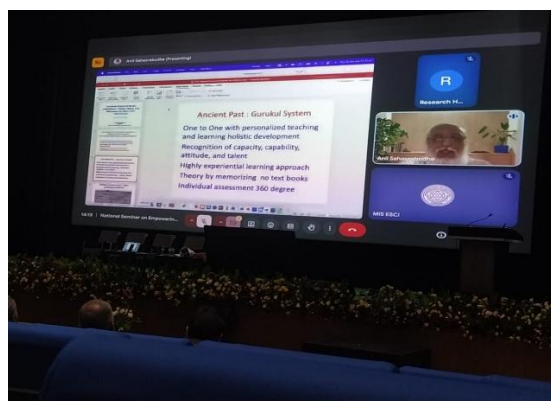
The seminar was structured across multiple sessions, focusing on strategic vision, collaboration, and institutional transformation. Key takeaways relevant to our institution include:

- **Strategic Vision for R&D:** Eminent speakers, including Dr. G. Satheesh Reddy (DRDO) and Dr. S. Somanath (ISRO), emphasized the critical need for strategic, indigenous research and a self-reliant scientific ecosystem to drive national development.
- **Fostering Collaboration:** Sessions highlighted the importance of both intra-national equity in research opportunities and international science diplomacy, as discussed by representatives from DST and ABRSM, for enhancing research impact.
- **Institutional Transformation:** Leaders from IIT Hyderabad and BITS outlined actionable blueprints for transforming academic institutions into innovation powerhouses through robust academia-industry linkages and future-ready research ecosystems.

- **Policy and Recognition:** Insights were shared on leveraging government missions (DST), aligning research with policy for emerging technologies, and strategies for achieving global research recognition while maintaining local relevance.

c. Conclusion

The seminar provided invaluable, high-level insights into national research priorities and policy directions. The knowledge gained is directly relevant to our ongoing efforts to strengthen Loyola Academy’s research ecosystem, align our strategies with national goals, and foster greater innovation and collaboration. Sincere gratitude is extended to Loyola Academy for enabling this participation, which will greatly inform our future research initiatives and policy planning.



3. Faculty Development Programme on Research Methodology

I. Title of the Event: 5-Day Faculty Development Program On “Research Excellence: Research Methodology, Data Analysis Tools (Spss, Amos, E-Views) And Academic Publishing”

Dates: 15-07-2025 to 19-07-2025

Venue: Xavier Hall & MBA LAB, Loyola Academy, Old Alwal, Secunderabad.

Organizer/Coordinator: Department of MBA, Loyola Academy, Old Alwal, Secunderabad

Speakers: Senior Professor Dr Rajasekhar Bellamkonda, University of Hyderabad, Dr Murugan Pattusamy, Assistant Professor, University of Hyderabad, Dr. Sreeramaraju, Associate Professor, Adithya University, Kakinada, Mr. A. Prabhakar, Industry expert, Starc Research Solutions, Dr. Deepak Mathivathanan, LIBA, Chennai.

Target Audience: Research Scholars, Faculty members from social sciences

II. Objectives:

1. To understand the research methodology process, identify a research topic, analyze the data, and produce the outcomes of the research.
2. To comprehend various statistical tools used in the analysis of primary and secondary data among participants.
3. To create awareness about academic writing, publishing in journals, and research proposal writing.

III. Participant Details:

Total Participants: 23 participants

Demographics: Faculty members of the MBA department, one faculty member from Data Science, Research Scholars of GITAM University & Osmania University.

IV. Content Evaluation

Relevance of the Topic (Scale: 1-5): Highly relevant 4.9/5

Depth of Knowledge Delivered (Scale: 1-5): Excellent 4.8/5

Engagement of Participants (Scale: 1-5): Highly Engaged (Q&A sessions and interactive discussions were held) 4.9/5

V. Learning Outcomes

Were the Learning Outcomes Met? Yes

Key Takeaways for Participants:

1. Understand the importance of research and research methodology.
2. Using various statistical tools and software to analyze the data.
3. Identifying research variables in the research process.
4. Applying Gen AI in Research & Model Development Process
5. Using SPSS, AMOS, and E-Views for data analysis.

Skills/Knowledge Gained:

- ✓How to choose a research topic and use SPSS, AMOS & E-Views in primary data analysis.
- ✓Steps to be followed in writing a research article, research proposal, and research publications.

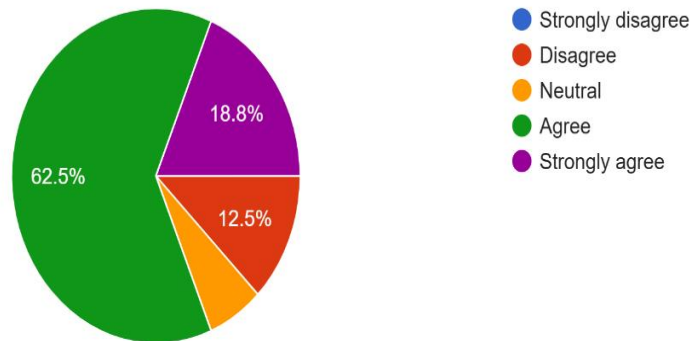
VI. Feedback Analysis

The 5-Day FDP successfully engaged 16 participants from diverse academic backgrounds. Feedback suggests high levels of satisfaction with the content, relevance, and delivery. Sessions on AMOS, EViews, and research publishing were especially appreciated. Participants also expressed interest in future FDPs and revisiting confident expert speakers.

Feedback analysis:

1. The FDP objectives were clearly defined and met.

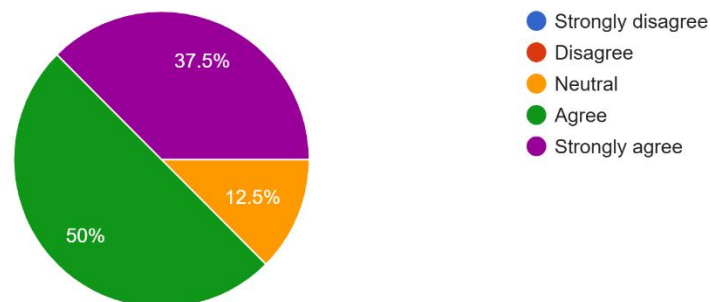
16 responses



Interpretation: A significant majority of participants (62.5% Agree, 18.8% Strongly Agree) felt that the FDP objectives were clearly defined and met. Only a small percentage (12.5%) disagreed, and no one strongly disagreed.

2. The sessions were well-structured and organized

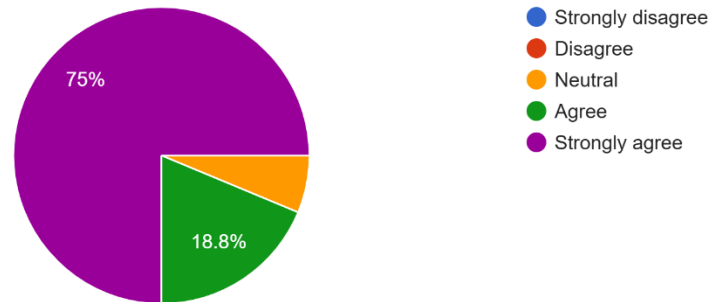
16 responses



Most participants (50% Agree, 37.5% Strongly Agree) found the sessions well-structured and organized. A small percentage (12.5%) remained neutral, with no negative responses.

3. The content was relevant and useful for academic and research development.

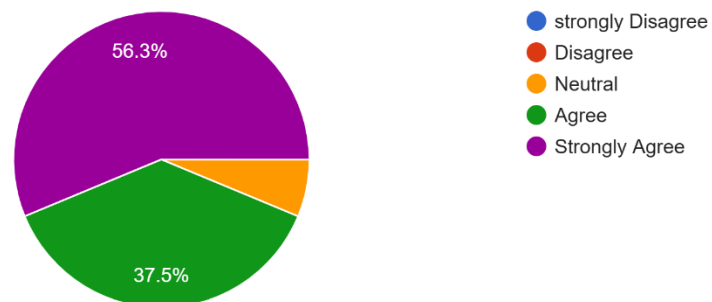
16 responses



Interpretation: An overwhelming majority (75% Strongly Agree, 18.8% Agree) found the content highly relevant and helpful for their academic and research development. This indicates a high level of satisfaction with the content delivered.

4. The FDP enhanced your understanding of research methodology and data analysis.

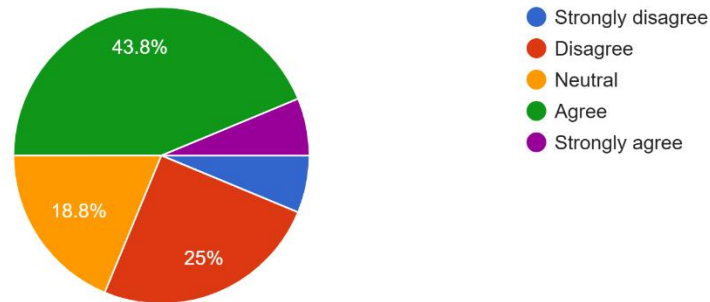
16 responses



Interpretation: A large proportion of participants (56.3% Strongly Agree, 37.5% Agree) felt that the FDP significantly enhanced their understanding of research methodology and data analysis.

5. The duration and schedule of the sessions were appropriate.

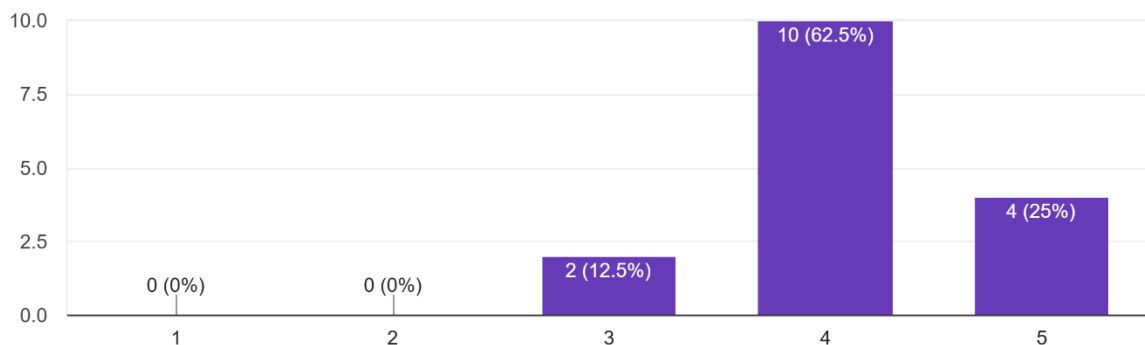
16 responses



Interpretation: This is an area with mixed feedback. While 43.8% agreed that the duration and schedule were appropriate, a substantial portion either disagreed (25%) or remained neutral (18.8%), and a small percentage (12.5%) strongly disagreed.

6. Rate the overall quality of the FDP

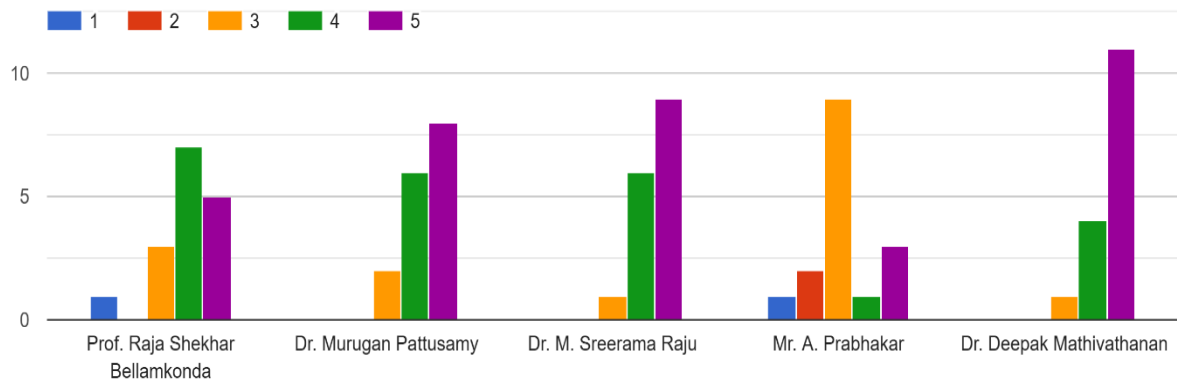
16 responses



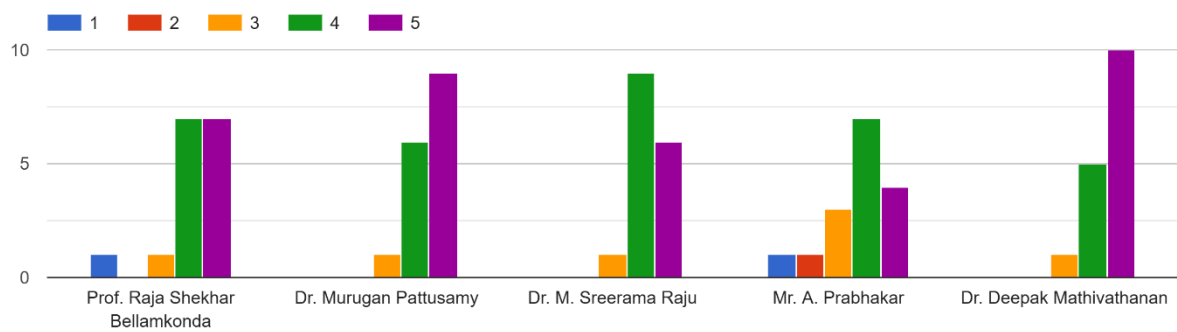
Interpretation: The majority of participants rated the overall quality of the FDP highly, with 62.5% rating of 4 and 25% rating of 5 (Excellent). Only 12.5% rated it a 3, and no one rated it below 3. This indicates high overall satisfaction

Chart 7(a-e): Rate the following resource persons based on Knowledge, Communication, Engagement, Content, and Practice

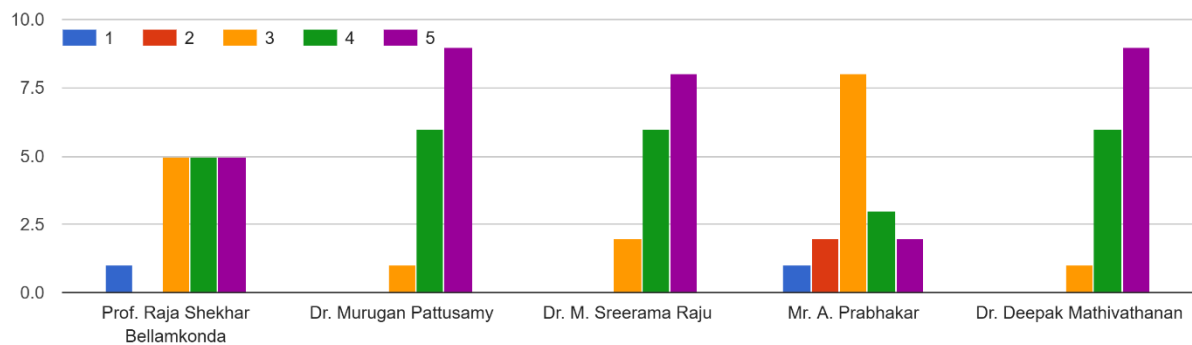
7(a). Rate the following resource persons based on Knowledge (1 = Poor, 5 = Excellent)



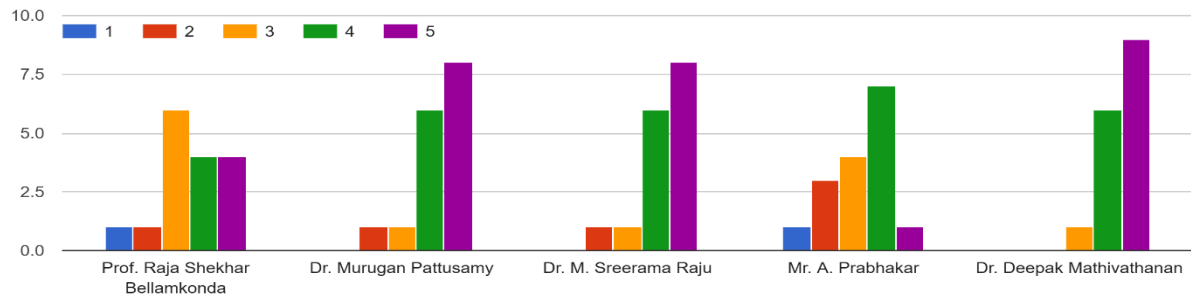
7(b). Rate the following resource persons based on Communication (1 = Poor, 5 = Excellent)



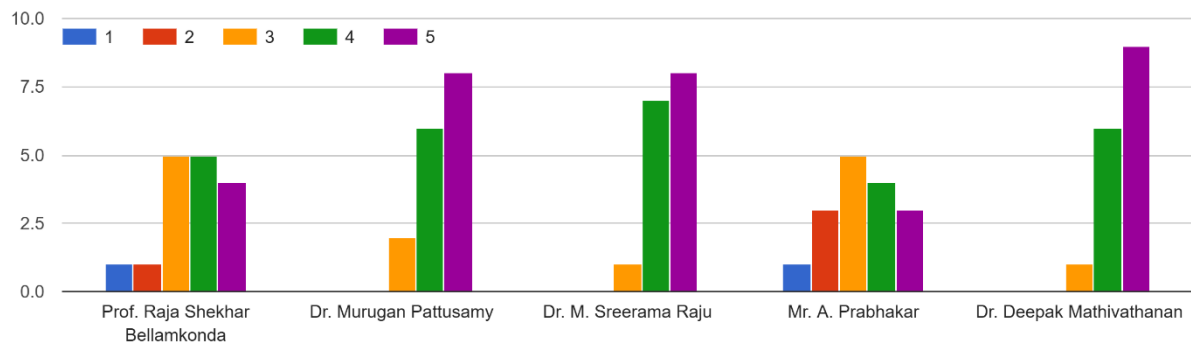
7(c). Rate the following resource persons based on Engagement (1 = Poor, 5 = Excellent)



7(d). Rate the following resource persons based on Content (1 = Poor, 5 = Excellent)



7(e). Rate the following resource persons based on Practical Relevance (1 = Poor, 5 = Excellent)



Interpretation:

Dr. Deepak Mathivathanan

Consistently received the highest ratings across all categories (Knowledge, Communication, Engagement, Content, and Practical Relevance), with a significant number of participants rating him as 5 (Excellent).

Dr. Murugan Pattusamy and Dr. M. Sreerama Raju

also received very positive feedback, with a high number of 4s and 5s across all categories.

Prof. Raja Shekhar Bellamkonda

received generally good feedback, but with some ratings in the 3s and occasional 1s, particularly for knowledge and practical relevance.

Mr. A. Prabhakar

had more varied feedback, with a notable number of 3s and some lower ratings across categories such as knowledge, communication, content, and practical relevance.

Recommendation:

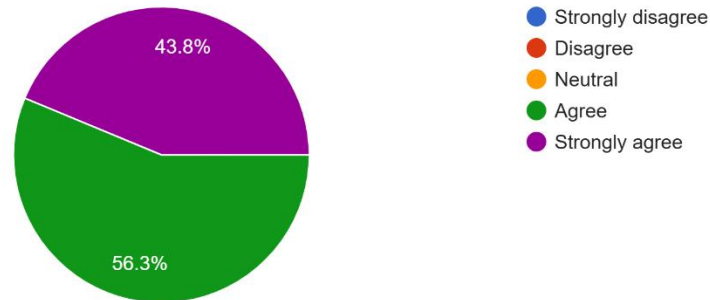
- ✓ Prioritize inviting **Dr. Deepak Mathivathanan, Dr. Murugan Pattusamy, and Dr. M. Sreerama Raju** for future FDPs, given their consistently high ratings and positive impact.

The executive summary also notes participants' interest in revisiting confident expert speakers.

- ✓ For future FDPs, consider providing additional support or specific guidelines to **Prof. Raja Shekhar Bellamkonda** and **Mr. A. Prabhakar** to enhance areas where their ratings were lower (e.g., content structure, practical relevance).

8. Venue, facilities, and technical support were satisfactory

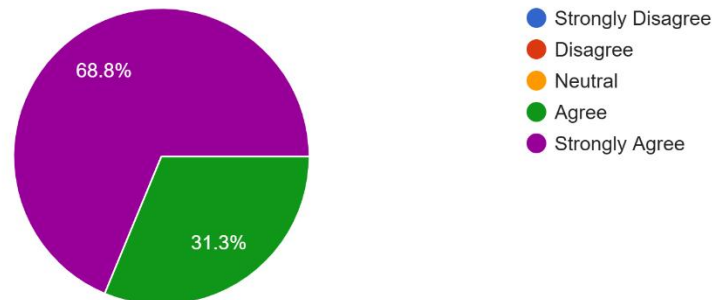
16 responses



Interpretation: A substantial majority (56.3% Agree, 43.8% Strongly Agree) found the venue, facilities, and technical support satisfactory. There were no negative responses.

9. Hospitality and coordination by organizing team were commendable.

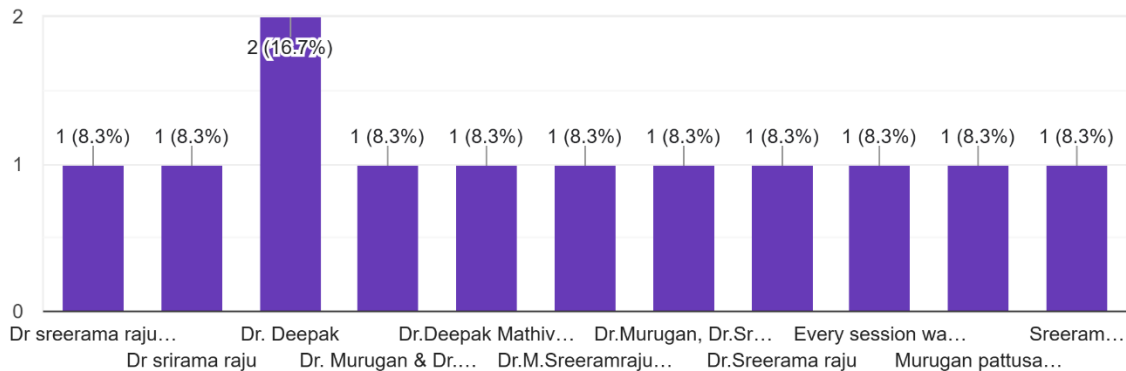
16 responses



Interpretation: Nearly all participants (68.8% Strongly Agree, 31.3% Agree) rated the hospitality and coordination by the organizing team as commendable. No negative feedback was received.

11. Which session(s) did you find most useful? Name that resource person

12 responses



Interpretation: While at least one participant mentioned most resource persons, Dr. Deepak Mathivathanan was mentioned by 2 participants (16.7%) as having the most helpful session(s). This reinforces his strong ratings in the previous charts. Other speakers, including Dr. Sreerama Raju and Dr. Murugan, were also mentioned.

VII. Impact on Curriculum or Future Practices

Impact on participant learning: Participants are trained to be equipped with essential skills needed to conduct research, apply various statistical tools and software to their research, write research articles, and publish their articles.

Suggestions for Future Events: More knowledge-sharing sessions for research scholars and research aspirants are expected, along with specific training sessions with professionals.

VIII. Conclusion

The event on the Faculty Development Program, titled “Research Excellence: Research Methodology, Data Analysis Tools (SPSS, Amos, E-Views) and Academic Publishing,” was successful in achieving its objectives. It provided participants with an opportunity to identify methods to apply in academic research and to prepare them for their future endeavors.





4. Five-Day Faculty Development Programme (FDP)

Programme Title: Transforming Ideas into Impact: Mastering Research, Review Papers & Ethical AI Tools like ChatGPT.

Dates: July 26th - 30th, 2025

Organized by: School of Commerce, in association with IQAC & Research Committee.

Mode: Hybrid

Venue: Commerce Block, Seminar Hall-1

Number of Participants: 30 (Faculty from Various departments)

a. Introduction

The School of Commerce, in collaboration with the IQAC and the Research Committee, successfully organized a five-day Faculty Development Programme (FDP) from July 26 to July 30, 2025. The programme was designed to equip faculty members with advanced skills in research, academic writing, and the ethical application of modern AI tools.

b. Programme Overview

The FDP featured expert sessions on a range of critical topics for academic and professional development:

- **Day 1 (July 26): Prof. A. Patrick** (Professor, Osmania University) conducted an online session on “**Research Funding Operations for Faculties,**” guiding participants on securing and managing research grants.
- **Day 2 (July 27): Dr. P. Vengal Rao** (Assistant Professor, NALSAR University of Law) delivered a talk on “**Research Funding Operations for Faculties,**” outlining funding opportunities available from various agencies.
- **Day 3 (July 28): Dr. Zakir Hussain**, Dean of Research (Loyola Academy), spoke on “**Building a Sustainable Research Career,**” outlining long-term strategies for faculty growth and academic impact.
- **Day 4 (July 29): Rev. Fr. Dr. M. L. Thomas (Controller of Examinations, Loyola Academy)** presented “**From Search to Submission: A Roadmap for Review Papers,**” providing a structured approach to publishing in peer-reviewed journals.
- **Day 5 (July 30): Mr. A. Pashupathinath** (Assistant Professor of Commerce, Loyola Academy) concluded the FDP with a session on “**Empowering Educators: Leveraging AI for Everyday Efficiency and Research Excellence,**” focusing on the practical and ethical use of AI tools like ChatGPT in academia.

c. Conclusion

The FDP provided a comprehensive and insightful learning experience, directly addressing key areas of modern academic practice. The sessions were well received by the faculty, fostering knowledge of transforming research ideas into significant impact. The programme successfully achieved its goal of enhancing research capabilities and promoting the integration of ethical AI tools in academic work.

LOYOLA ACADEMY (AUTONOMOUS)
 RE-ACCREDITED WITH 'A' GRADE (III CYCLE) BY NAAC & RANKED THIRICE BY NIRF
 A COLLEGE WITH POTENTIAL FOR EXCELLENCE BY UGC
 AFFILIATED TO OSmania UNIVERSITY, ESTD. 1975

SCHOOL OF COMMERCE
 ORGANIZING
A FIVE - DAY FACULTY DEVELOPMENT PROGRAMME
 IN ASSOCIATION WITH
IQAC
RESEARCH COMMITTEE
THEME:
TRANSFORMING IDEAS INTO IMPACT: MASTERING RESEARCH, REVIEW PAPERS & ETHICAL AI TOOLS LIKE CHATGPT.

HYBRID MODE

DAY-1
Prof. A. Patrick
 26th July 2025
 Topic: Intellectual Property rights.

DAY-2
Dr. P. Vengal Rao
 27th July 2025
 Topic: Research Funding Operations for faculties. **(ONLINE)**

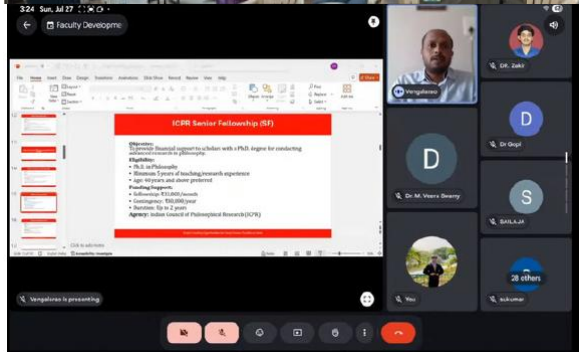
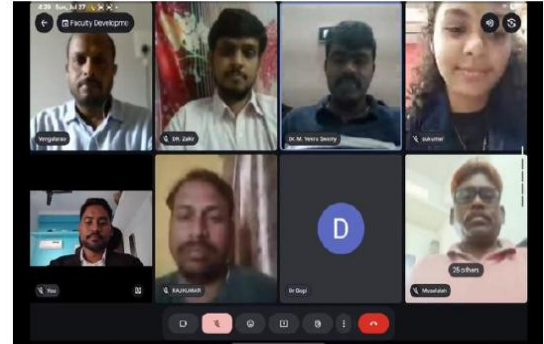
DAY-3
Dr. Sabir Hussain
 28th July 2025
 Topic: Building a sustainable research career: Strategies for faculty growth.

DAY-4
Rev. Fr. Dr. M.L. Thomas
 29th July 2025
 Topic: From Search to Submission: A roadmap for review papers.

DAY-5
Mr. Pashupati Nath
 30th July 2025
 Topic: Empowering Educators: Leveraging AI for Everyday Efficiency and Research Excellence.

VENUE: COMMERCE BLOCK, SEMINAR HALL - 1
TIMINGS: 3:00 PM TO 4:30 PM

SCAN FOR FREE REGISTRATION
Dr. Veera Swamy Marri
 +91-9963908009
 ladeanoncommerce@gmail.com





5. Student Development Programme (SDP)

Event: SDP to Orient Students on Research for BA EPCA Students

Date: July 29, 2025

Venue: Inigo Block, Room No. 6

Attendees: BA EPCA Students

Number of Attendees= Nearly 50

a. Introduction

An orientation session on research was successfully conducted for the BA EPCA students on July 29, 2025. The session was designed to introduce students to the fundamentals of academic research and the support ecosystem available to them at Loyola Academy.

b. Session Overview

The orientation provided a comprehensive overview to demystify the research process and empower students to begin their own academic inquiries. The key areas covered included:

- **Introduction to Research Methodology:** Students were introduced to the basic principles of research, including how to formulate a research question, select an appropriate methodology, and understand the various steps involved in a research project.
- **Institutional Research Support:** A detailed outline was provided on the extensive research support available within Loyola Academy. This included information on accessing the library's physical and digital resources, guidance from faculty mentors, and an introduction to the institutional research policies.

c. Conclusion

The session was highly effective in building a strong foundational understanding of research among the students. It successfully ignited their interest in academic inquiry and clearly outlined the pathways for seeking guidance. The orientation has laid a solid groundwork for the students to undertake research projects with confidence, supported by the academy's robust research infrastructure.



6. Monitoring Research Performance using Scopus Tools and Database

Title: Two-Day Online Training on Scopus Tools and Database Services and their Usage for Research Quality Enhancement

Dates: 13th and 14th August 2025

Mode: Online

a. Introduction

Dr. Zakir Hussain attended a two-day intensive online training program on “Scopus Tools and Database Services and their usage for Research Quality Enhancement” on August 13th and 14th, 2025. His participation aimed to evaluate these tools from an institutional perspective, to understand their potential to enhance the quality, impact, and management of research at Loyola Academy.

b. Proceedings and Key Learning Outcomes

The training, led by **Mr. Lavanya Trikha** from Scopus, provided a comprehensive overview of the platform's advanced functionalities. The key takeaways with direct relevance to our institution are:

Strategic Research Planning: The tools for analysing publication trends and citation data can help us identify our institution's research strengths, map emerging fields, and make data-driven decisions for resource allocation.

Enhancing Researcher Profiles: The session on Author Profile and Scopus ID is critical. We can initiate a drive to ensure all our faculty have correctly linked and updated Scopus profiles, which is fundamental for improving their individual visibility and, by extension, the institution's research footprint.

Informing Publication Strategy: Understanding metrics such as CiteScore, SJR, and SNIP will help us better guide our faculty and researchers in selecting reputable, impactful journals for publication, thereby enhancing the quality of our research output.

Performance Benchmarking: Scopus offers robust tools to benchmark our research performance against peer institutions, a vital capability for meeting our NAAC and NIRF compliance requirements and for setting strategic goals.

c. Role of the Resource Person

Mr. Lavanya Trikha was an excellent resource person, effectively demonstrating how the database's features translate into tangible research advantages. His expertise was crucial in understanding the practical application of these tools for institutional research growth.

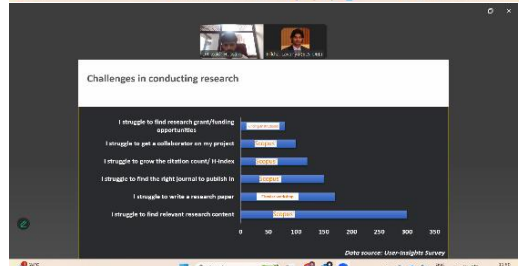
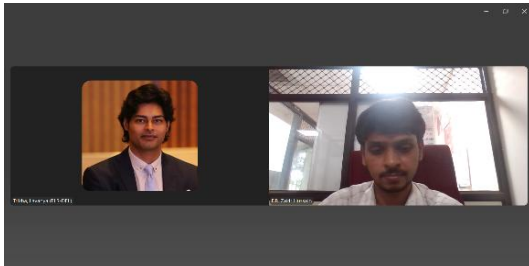
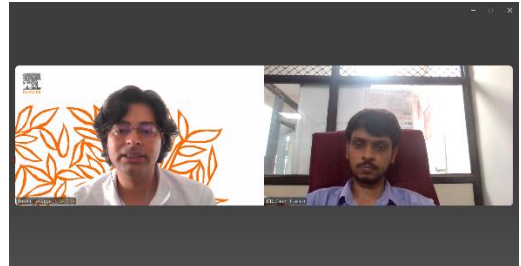
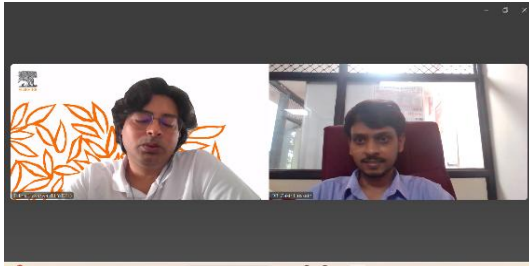
d. Conclusion & Recommended Action Plan

The training was highly insightful and confirmed that the Scopus database is an indispensable tool not only for individual researchers but also for institutional research leadership. To leverage this potential for Loyola Academy, I recommend the following actions:

Organize an Institutional Workshop: Host a customized training session, conducted by Mr. Trikha or a Scopus representative, specifically for Loyola Academy faculty and doctoral scholars.

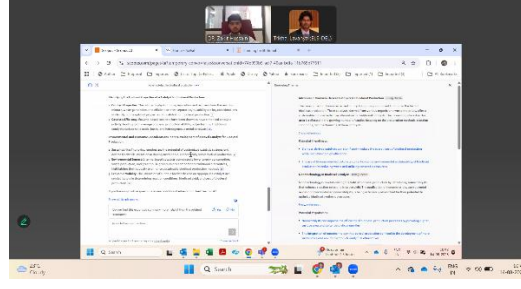
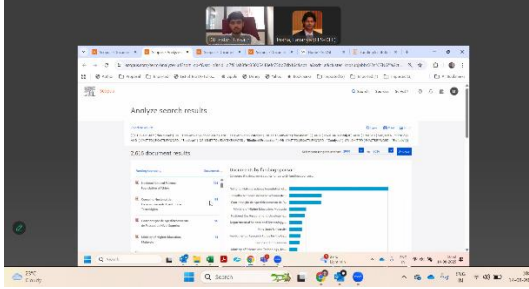
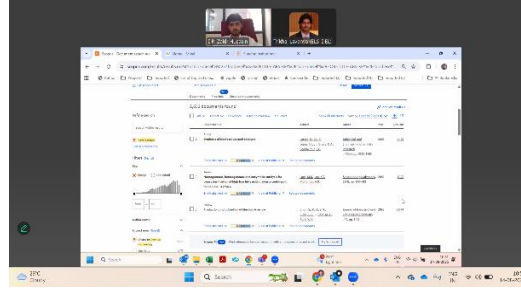
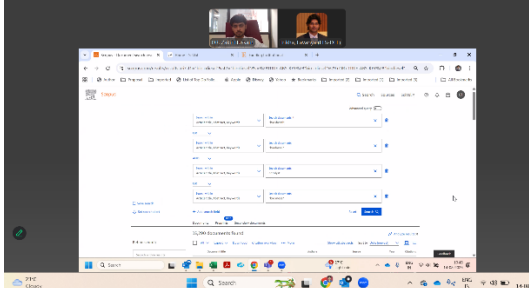
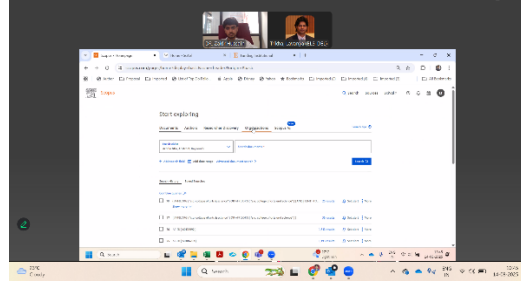
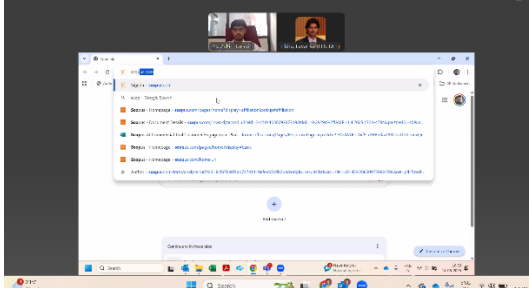
Promote Profile Management: Launch a formal initiative through the Research Department to assist faculty in creating and curating their Scopus author profiles.

Integrate into Research Workflow: Encourage the use of Scopus for literature surveys, collaboration discovery, and pre-submission journal analysis as a standard research practice.



Subscribed Product - publisher	Access	15/05/2023	15/05/2024	15/05/2025
Sagepub - Elsevier B.V.	Sagepub.com	\$7,875.00	\$8,249.00	\$8,623.00
TOTAL FEES		\$7,875.00	\$8,249.00	\$8,623.00

Name	Email	Phone	Country	Organization	Address	City	State	Zip	Country	City	State	Zip
Aravindhan	aravindhan@...	91 98456 78901	INDIA	...	...	...	...	...	...	...	...	...
Aravindhan	aravindhan@...	91 98456 78901	INDIA	...	...	...	...	...	...	...	...	...



7. Workshop on AI in Research, Teaching, and Administrative Excellence

a) Event: A two-day online workshop on “**AI in Academia: Enhancing Research, Teaching & Administrative Excellence**”

DATE: 03-09-2025 & 04-09-25

TIMINGS: 10 AM TO 12:30 PM

A two-day online workshop on “**AI in Academia: Enhancing Research, Teaching & Administrative Excellence**” in collaboration with the Department of Commerce, St. Xavier’s College, Mahudanr, Jharkhand, from 03-09-2025 to 04-09-2025.

The event was honored by the distinguished presence of the following dignitaries:

Resource Person – Dr. Deepak Mathivathanan

Dean School of Management – Dr. Kavitha Joshi

Head of the Department – Dr. Narsimha Raju

Faculty members of the MBA department, Loyola Academy,

Faculty members of the Commerce department, St. Xavier’s College, Jharkhand.

b. Objective: Importance of Artificial Intelligence in academics in enhancing research, teaching, and its impact on Administrative Excellence.

c. Overview:

The event commenced with a warm welcome to all participants, creating a positive, motivating atmosphere for the session. Dr. Kavitha Joshi, Dean of the School of Management, introduced the Speaker, Dr. Deepak Mathiathanan, from the Loyola Institute of Business Management, Chennai. The session started on a positive note towards research and the significance of using AI in enhancing the research. The resource person highlighted the importance of AI tools for identifying a new research topic and of tracking research worldwide. The resource person also highlighted the use of AI tools in teaching methods to enhance students’ understanding of concepts. The resource person demonstrated examples of various AI tools that can be used in research and teaching.

Key takeaways:

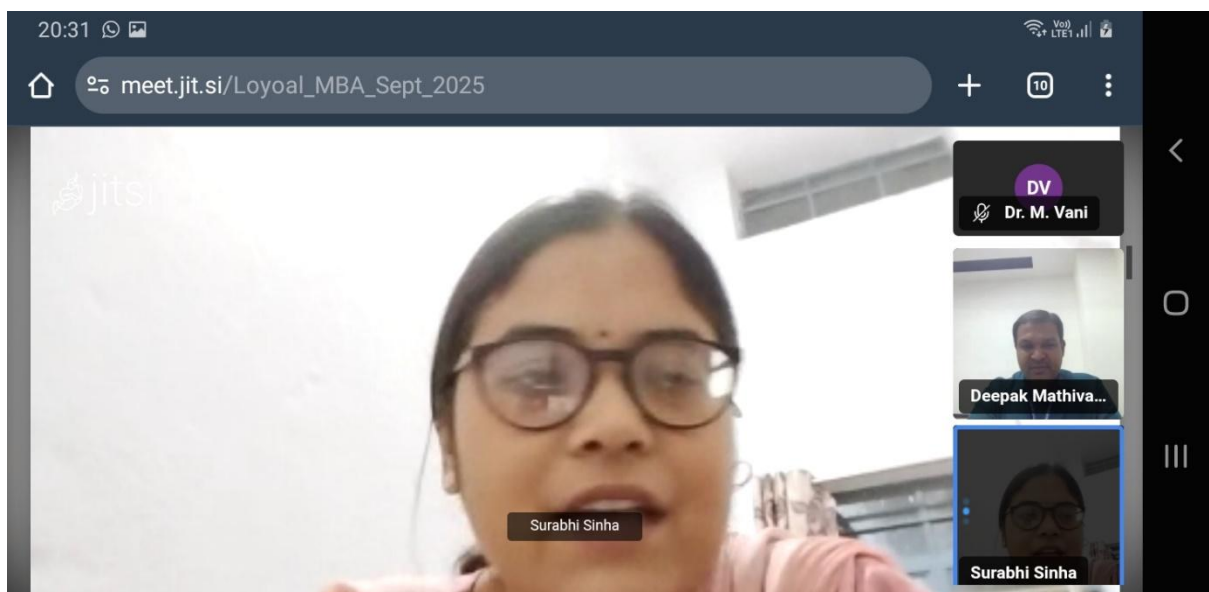
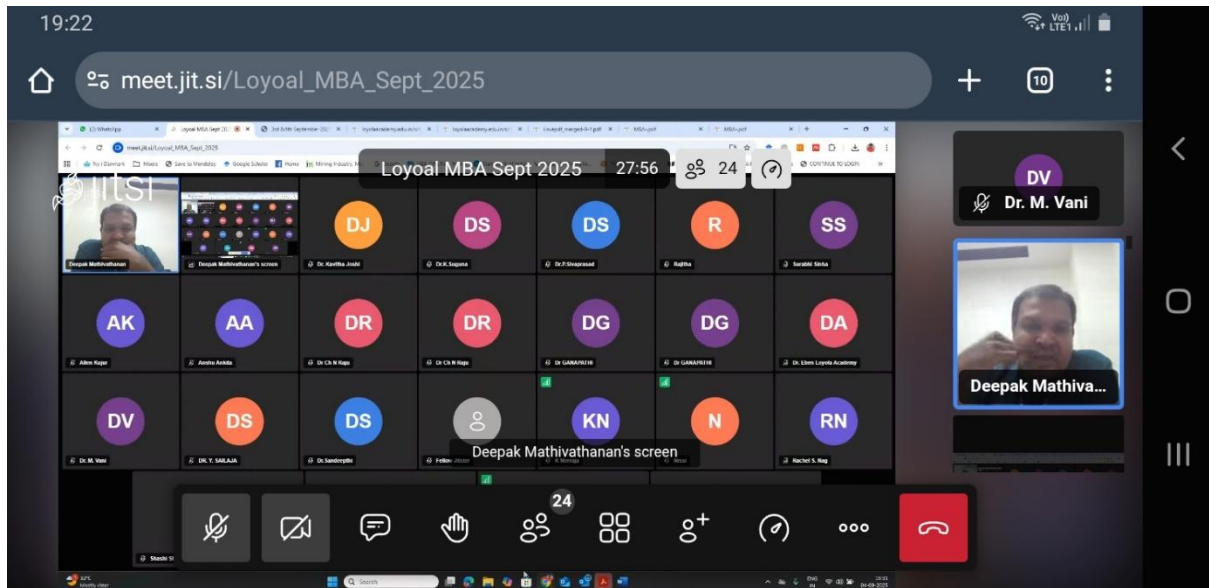
- Using AI in research
- Use AI in filtering research topics
- Different AI tools to use in research
- AI tools for teaching
- AI for administration

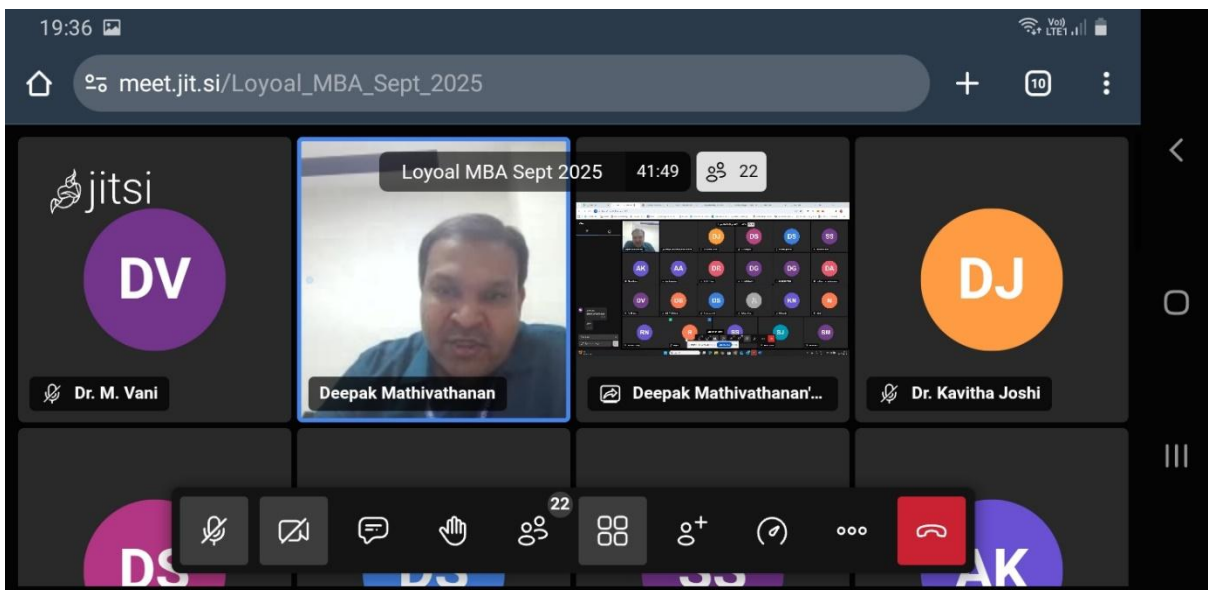
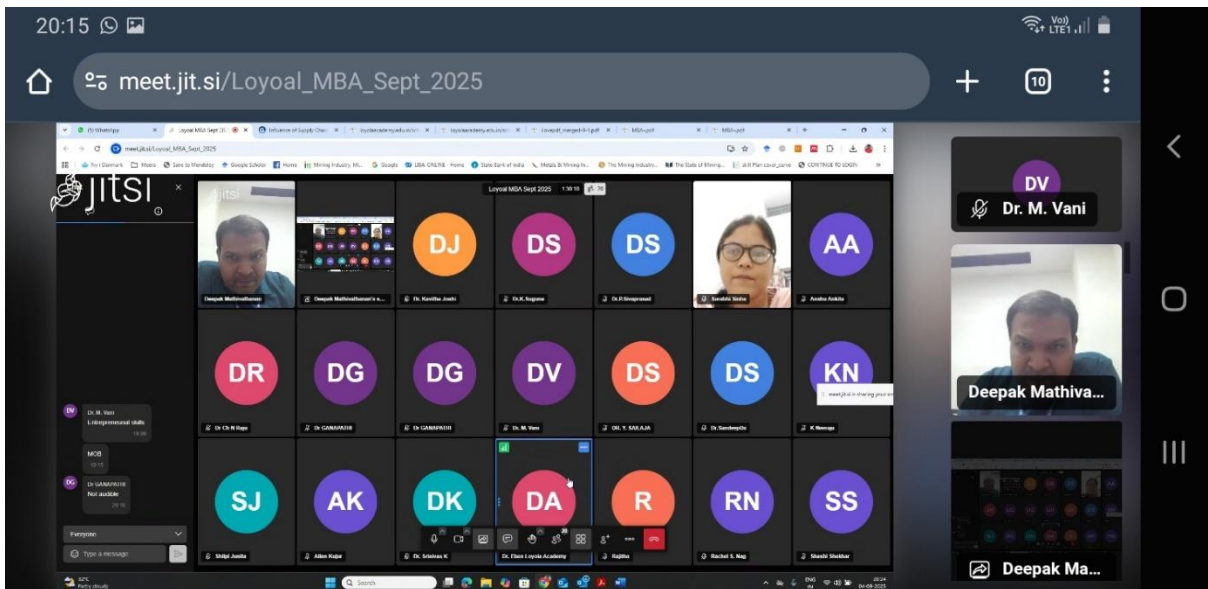
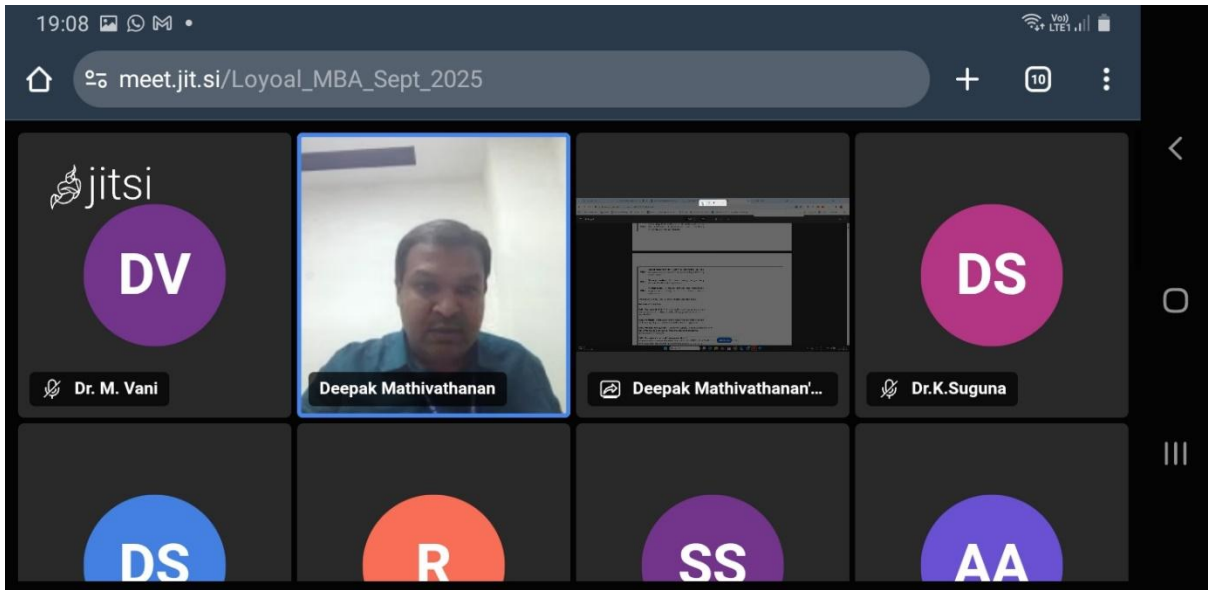
The resource person emphasized the importance of being prompt in using ChatGPT, curating effective prompts, and training ChatGPT to assist with research. He also mentioned using AI in setting course objectives, outcomes, and appropriate lesson plans according of the course and semester requirements.

The resource person extensively discussed how to trace journals for academic research using AI tools. He also focused on the ethical aspects of the usage of AI tools for research.

d. Conclusion:

The session was highly informative and practical, offering a holistic perspective on using AI tools for academic research and teaching. It emphasized that while knowledge and technical skills are essential for research assistance and to enhance the ethical conduct of research, the use of AI cannot be ignored.

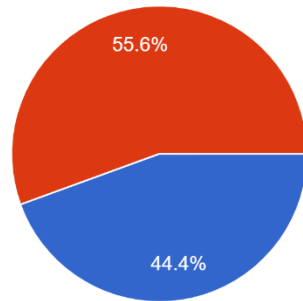




Feedback Analysis:

Gender

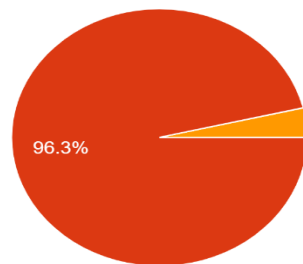
27 responses



● Male
● Female

Designation

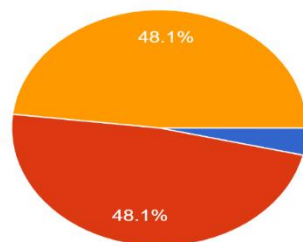
27 responses



● Lecturer
● Asst. Professor
● Associate Professor
● Professor

Education qualification

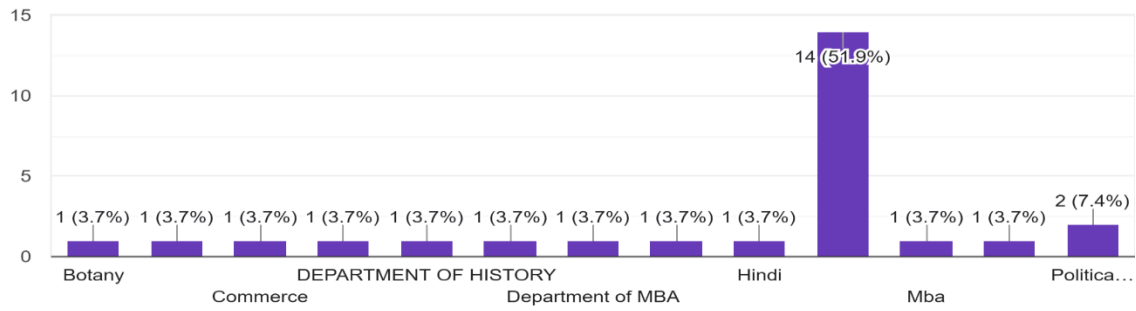
27 responses



● UG
● PG
● PhD

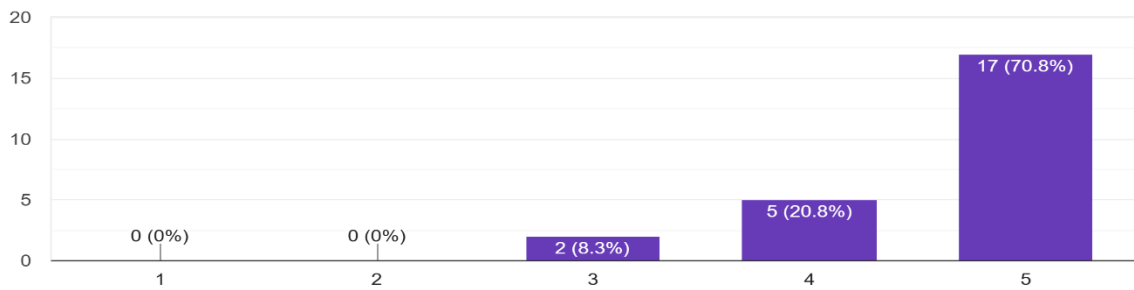
Department

27 responses



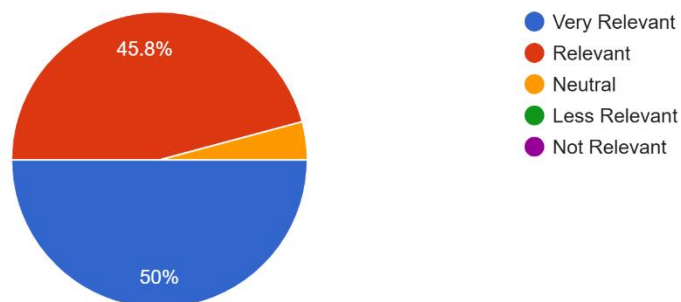
4. How would you rate today's session

24 responses



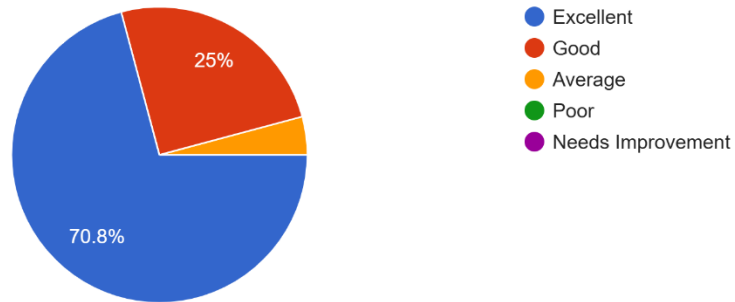
5. Relevance of the topics covered

24 responses



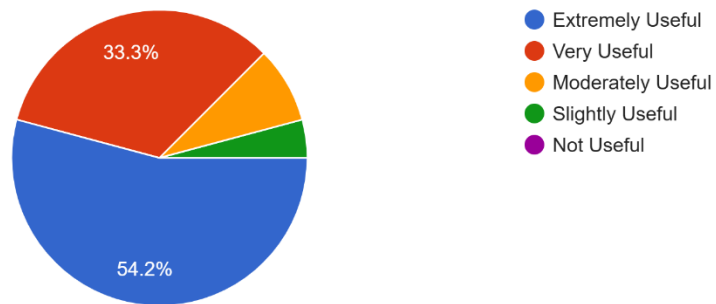
6. The resource person's clarity and effectiveness.

24 responses



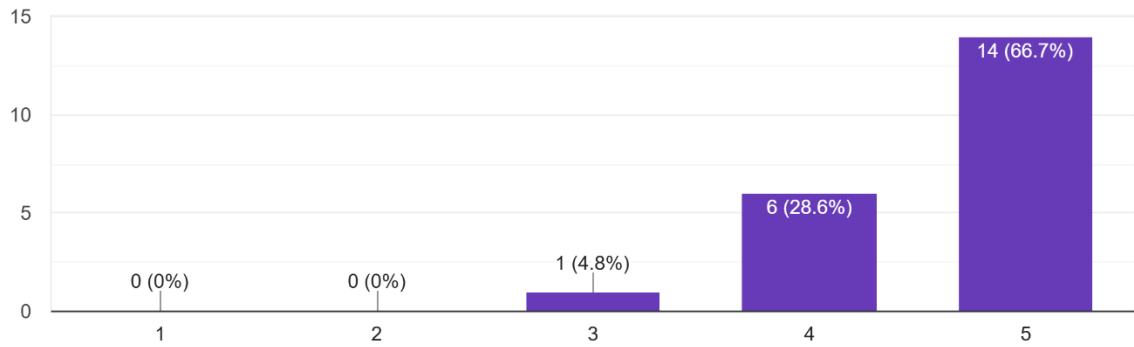
7. Was the hands-on activity (abstract writing, research gap identification) useful for your learning?

24 responses



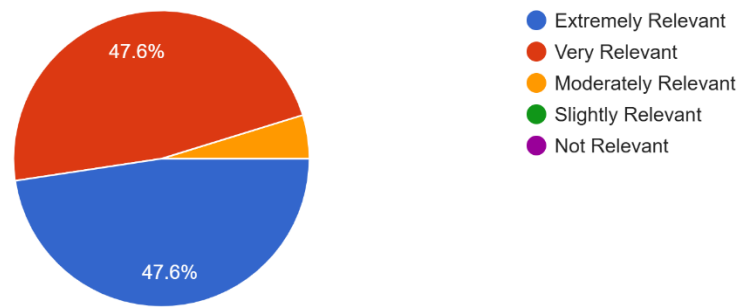
How would you rate today's session overall?

21 responses



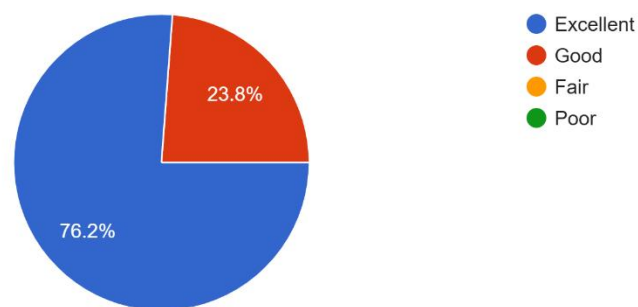
Relevance of topics covered (Curriculum design, Bloom's taxonomy, case/quiz generation, academic administration tasks).

21 responses

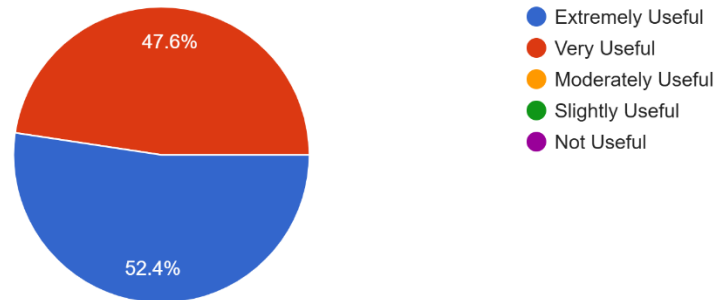


The resource person's clarity and delivery

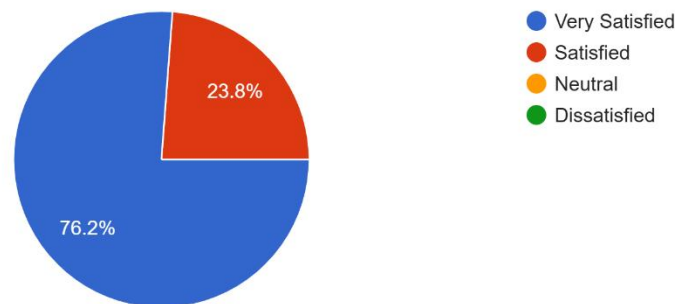
21 responses



How useful was the hands-on activity (creating case/quiz, prompt engineering for admin tasks)?
21 responses



Overall satisfaction with the 2-Day Workshop (both sessions combined)
21 responses



8. National Faculty Development Programme (FDP) Report

Reimagining Education: AI, Pedagogical Shift, and Research in the Age of Data

Dates: 1st–5th September 2025

Mode: Online

Organized by: School of Arts and Humanities, Loyola Academy, Hyderabad

Convenor: Dr. Swaralipi Nandi, Dean, School of Arts and Humanities

Participants: 129 (including 40 external participants from institutions across India)

Introduction

The School of Arts and Humanities, Loyola Academy, Hyderabad, organized a five-day National Faculty Development Programme (FDP) titled “*Reimagining Education: AI, Pedagogical Shift and Research in the Age of Data*” from 1st to 5th September 2025. The programme aimed to help faculty members engage with the changing paradigms of education driven by artificial intelligence, digital technologies, and data-based research. Conducted online, the FDP brought together eminent speakers and participants from across India, enabling cross-institutional learning and collaboration.

Objectives

The FDP was designed to:

1. Equip faculty members with the knowledge and skills to effectively integrate **AI and digital tools** in the teaching of Humanities.
2. Facilitate reflection on **new-age student–teacher dynamics** and digital learning ecologies.
3. Guide **research funding opportunities** and foster interdisciplinary collaborations in the age of data.

Day-wise Sessions

Day 1 – 1st September 2025

Session Title: *Introduction to Digital Pedagogies*

Resource Person: Dr. Nirmala Menon, Professor, IIT Indore

Overview:

The opening session introduced the core frameworks of digital pedagogy, emphasizing adaptability, student engagement, and the integration of multimodal tools in higher education.

Day 2 – 2nd September 2025

Session Title: *AI in Action: Creative, Interactive and Student-Centred Learning for the Humanities*

Resource Person: Dr. K. Anitha, Associate Professor, Osmania University

Overview:

Dr. Anitha demonstrated how AI applications can enhance creativity and interactivity in humanities teaching, illustrating practical examples with AI-based content-generation and assessment tools.

Day 3 – 3rd September 2025

Session Title: *Redesigning Teacher–Student Dynamics in a Changing World*

Resource Person: Ms. Shravani, Student Counsellor

Overview:

This session focused on the psychological and emotional dimensions of digital learning, emphasizing empathy, classroom well-being, and inclusive engagement strategies in virtual teaching environments.

Day 4 – 4th September 2025

Session Title: *Unlocking Opportunities: Research and Financial Assistance from State and National Agencies*

Resource Person: Dr. Shafiq Ahmed, Loyola Academy

Overview:

Dr. Ahmed provided participants with insights into available funding mechanisms, proposal-writing strategies, and national/state research schemes. The session helped faculty identify potential collaborative projects and funding pathways.

Day 5 – 5th September 2025

Session Title: *Humanities in the Age of Data*

Resource Person: Professor Arjun Ghosh, IIT Delhi

Overview:

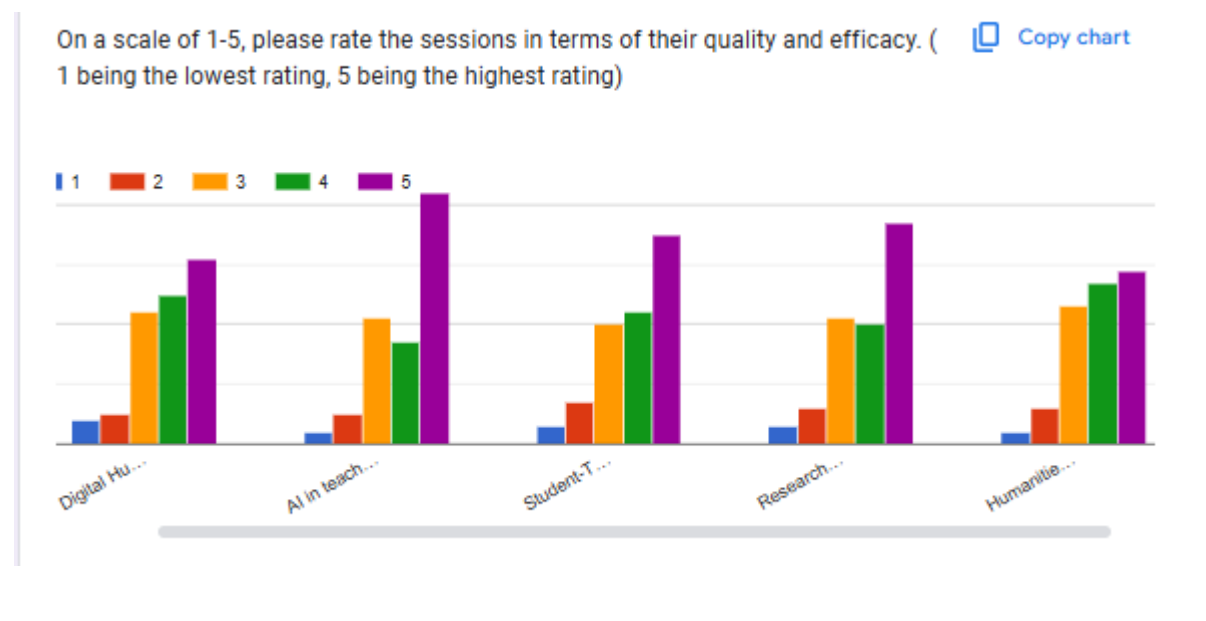
The valedictory session examined the transformative relationship between data and humanistic inquiry. Prof. Ghosh reflected on how digital archives, analytics, and data literacy are reshaping the identity and practice of Humanities research today.

Outcomes and Feedback

The FDP successfully met its objectives, equipping participants with both conceptual understanding and practical exposure to AI-assisted pedagogy and digital research methods. Key outcomes included:

- Enhanced awareness of AI-driven teaching tools and platforms.
- Greater sensitivity to evolving student–teacher relationships in hybrid and online spaces.
- Improved understanding of national and state-level research funding procedures.
- Development of collaborative networks among participants for future interdisciplinary projects.

Feedback from participants indicated a high level of satisfaction with the programme’s design, resource persons, and relevance to contemporary academic needs. Many appreciated the balance between theory and application, as well as the opportunity for interactive discussion. The only complaint was regarding the fluctuating schedule, which kept changing.



Conclusion

The National FDP “*Reimagining Education: AI, Pedagogical Shift and Research in the Age of Data*” served as a vital platform for reflection and professional growth. The School of Arts and Humanities at Loyola Academy reaffirmed its commitment to leading academic conversations that connect humanistic values with digital innovation and data-driven research practices.

LOYOLA ACADEMY (AUTONOMOUS)
 Re-Accredited with A Grade (III Cycle) by NAAC
 Affiliated to Osmania University, ESTD: 1972

School of Arts and Humanities
 Organises
 A Five - Day Faculty Development Programme
 In Collaboration with IQAC

**Reimagining Education: AI, Pedagogical Shifts,
 and Research in the Age of Data**

- Digital Humanities in India: Tools, Texts and Theory**
 Professor Nirmala Menon (IIT Indore) | 1st September
- AI in Action: Creative, Interactive, and Student-Centred Learning for the Humanities**
 Dr. K. Anitha (Associate Professor, Damana University) | 2nd September
- Redesigning teacher-student dynamics in the changing world**
 Ms. Shreya J. (Psychotherapist, Student Counsellor) | 3rd September
- Unlocking Opportunities Research and Financial Assistance from State and National Agencies**
 Dr. Shaifq Ahmed (Assistant Professor, Loyola Academy) | 4th September
- Humanities in the Age of Data**
 Professor Arjun Ghosh (IIT Delhi) | 5th September

For more details
Contact : Dr. Svaralipi Nandi
 Dean of Arts & Humanities
 97398 75300

LOYOLA ACADEMY
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 (Autonomous and Affiliated to Osmania University)
 A College with Potential for Excellence. IQAC

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 A Five-Day Faculty Development Programme
 In Collaboration with IQAC.**

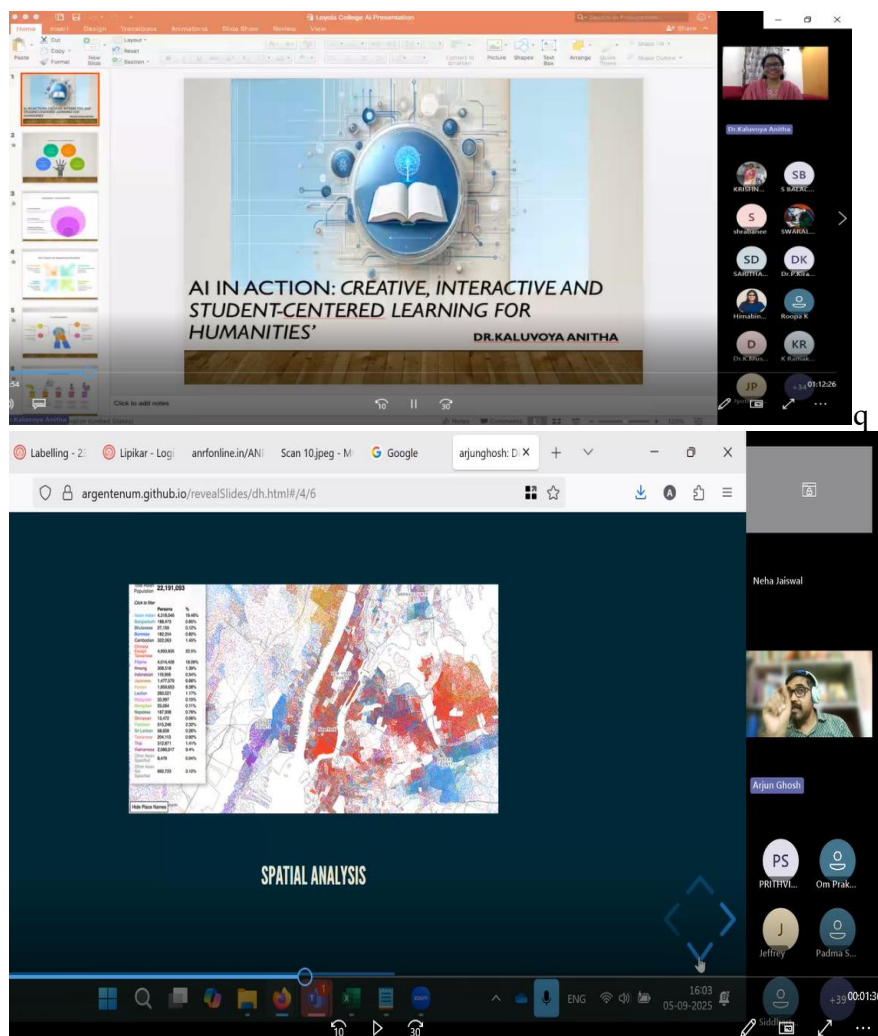
Digital Humanities in India: Tools, Texts and Theory" jointly presented by
 Dr. Shanmugapriya (Asst Prof, IIT Dhanbad), Prof. Nirmala Menon (Prof, IIT Indore)

Dr. Shanmugapriya | Dr. Nirmala Menon

5th Sept Dr. Shanmuga

Dr. Shanmugapriya | Dr. Nirmala Menon | Svaralipi Nandi | Arjun Ghosh | Siddhartha Mukherjee | Jiffy | Padma Lakshmi

5th Sept Arjun Ghosh



9. Environmental Awareness Programme to National Cadet Corps Students

Event Title: Go Green, Breathe Clean: Your Mission for a Sustainable India (Outreach)

Date: 13th October 2025

Venue: St. Ann's International School, Pethbasheerabad

Organizer: St. Ann's International School, NCC Unit

Resource Person: Dr. Zakir Hussain, Dean of Research, Loyola Academy, Secunderabad

Attendees: 100 NCC Cadets, Faculty Members, and School Management

a. Introduction

On October 13, 2025, Dr. Zakir Hussain was invited as the chief resource person for a special NCC event at St. Ann's International School. The session, titled "*Go Green, Breathe Clean: Your Mission for a Sustainable India*," was designed to inspire and mobilize the next generation of eco-conscious citizens. The interactive lecture successfully framed environmental conservation as a patriotic duty, leveraging military analogies to resonate with the NCC cadets and empower them with actionable strategies.

b. Introduction

The event was convened to raise awareness among young NCC cadets about the critical environmental challenges of pollution and climate change. The session aimed to move beyond awareness and provide a structured, motivational framework, positioning the cadets as “Eco-Soldiers” with a clear mission to protect the nation’s natural resources.

c. Proceedings of the Event

The session was structured as a strategic briefing and lasted approximately one hour.

- **Inaugural Address:** The event commenced with a formal welcome by the school management, who introduced Dr. Hussain and set the context for the session.
- **Thematic Lecture by Dr. Zakir Hussain:** The core presentation was delivered in four parts:
 - i. **The Briefing:** The environmental crisis was framed as a strategic threat, identifying “The Enemy” - including air assault (PM2.5, toxic gases), strategic command (Greenhouse Gases), and ground assault (water/soil contamination).
 - ii. **The Arsenal:** Dr. Hussain introduced scientific solutions as “weapons,” drawing from his own research in biodiesel production from waste, CO₂ capture technologies, and renewable energy.
 - iii. **The Missions:** Cadets were assigned four tactical missions: “Plastic Purge,” “Tree Planting Corps,” “Energy Conservation Patrol,” and “Awareness & Intelligence Wing.”
 - iv. **The Pledge:** The session concluded with a unified “Eco-Soldier’s Pledge,” where all cadets committed to protecting the environment with discipline and duty.
- **Q&A Session:** An engaging question-and-answer session followed, where cadets posed insightful questions on topics ranging from the practicality of biodiesel to career paths in environmental science.

d. Outcomes and Observations

- The cadets demonstrated exceptional discipline and engaged with the content with remarkable attentiveness and intellectual curiosity.
- The “military mission” analogy proved highly effective in capturing the audience’s interest and making complex scientific concepts accessible and compelling.
- The session successfully bridged the gap between advanced scientific research and grassroots-level action, providing students with a clear sense of agency and empowerment.

e. Conclusion

The event was a resounding success, effectively achieving its goal of inspiring 100 young NCC cadets to become active champions for environmental sustainability. The partnership between St. Ann’s International School and Dr. Zakir Hussain served as an excellent model for academic outreach, demonstrating the decisive role that inspired leadership and clear communication play in fostering societal change.



10. Basics of IPR and its Importance for Innovators and Entrepreneurs

Event: Guest Session on “Basics of IPR and its importance for Innovators and Entrepreneurs”

Date: October 6, 2025

Organizing Institution: Malla Reddy Engineering College and Management Studies, Kistapur, Hyderabad

Sponsoring Body: Institute Innovation Council (IIC), Ministry of Education

Role: IIC Ambassador and Guest Speaker

a. Introduction

As an IIC Ambassador, I represented Loyola Academy at a session organized by Malla Reddy Engineering College and Management Studies on October 6, 2025. The event, sponsored by the Institute Innovation Council (IIC) under the Ministry of Education, focused on educating innovators and entrepreneurs on the fundamentals of Intellectual Property Rights (IPR).

b. Session Overview

The session, titled “Basics of IPR and its importance for Innovators and Entrepreneurs,” was designed to highlight the critical role of IPR in the innovation ecosystem. Key topics covered included:

- **Fundamentals of IPR:** The session provided a clear overview of various forms of intellectual property, including patents, copyrights, trademarks, and trade secrets, relevant to engineering and management disciplines.
- **Strategic Importance for Innovators:** The talk highlighted the crucial role of IPR in protecting inventions, securing a competitive advantage, and increasing the commercial value of ideas.
- **Guidance for Entrepreneurs:** Practical advice was shared on the steps innovators and startups can take to identify, document, and protect their intellectual assets from the outset of their ventures.

c. Conclusion

The session was highly engaging and well-received by the participants. It successfully fostered a deeper understanding of how intellectual property strategy is integral to successful innovation and entrepreneurship. This engagement also strengthened the collaborative network under the IIC banner and proudly represented Loyola Academy’s commitment to promoting innovation and research culture.



11. Online Meeting on MOU possibility between IPQuad (Law Firm) and Loyola Academy to Safeguard IPR with Loyola Academy's Affiliation

Date of Meeting: October 8, 2025

Type: MOU

a. Introduction

An exploratory online meeting was held on October 8, 2025, with Mr. Abhishek Bharadwaj, representing IPQuad Law Firm. The primary objective was to discuss the possibility of a Memorandum of Understanding (MOU) between IPQuad and Loyola Academy. The proposed collaboration aims to establish a formal framework to safeguard the Intellectual Property Rights (IPR) of our faculty, researchers, and students.

b. Meeting Synopsis & Key Discussion Points

Mr. Abhishek Bharadwaj presented a comprehensive overview of the services IPQuad could offer under a potential MOU. The discussion highlighted several key areas for collaboration:

IPR Awareness and Training: IPQuad proposed to conduct regular workshops and seminars for our faculty and students on IPR fundamentals, patent filing procedures, copyright laws, and the commercial potential of research.

Pro-Bono/Subsidized Patent Filing Support: A central point of discussion was the mechanism by which IPQuad could provide legal assistance for patent searches, drafting, and filing, potentially at highly subsidized rates or through a pro bono model for selected innovations.

IP Portfolio Management: The firm provided expertise in helping the institution manage its growing IP portfolio, including prior-art searches, patentability analysis, and strategic planning for protection.

Technology Transfer Support: IPQuad expressed its ability to assist with the technology transfer process, including drafting of licensing agreements and supporting the commercialization of viable research outputs from the academy.

c. Strategic Benefits for Loyola Academy

This proposed partnership aligns directly with our strategic goals for research and innovation:

Institutional Capacity Building: Systematically builds in-house IPR expertise and awareness.

Research Quality Enhancement: Encourages and protects innovation, translating academic research into tangible assets and benefits.

Student and Faculty Empowerment: Provides a clear, accessible pathway for our innovators to protect their work, boosting morale and entrepreneurial spirit.

Strengthening Industry-Academia Linkages: Positions Loyola Academy as a serious contributor to the innovation ecosystem.

d. Conclusion & Recommended Next Steps

The meeting with Mr. Abhishek Bharadwaj was highly productive, indicating a strong mutual interest in forming a collaborative partnership. IPQuad appears to be a capable partner with the expertise necessary to address a critical gap in our research support ecosystem.

We recommend proceeding with the following actions:

Formal Proposal: Request a detailed, written proposal from IPQuad outlining the specific terms, scope of services, and financial model for the MOU.

Internal Review: Convene a small committee comprising members from the management, finance, and research departments to review the proposal.

Draft MOU: Upon a positive internal review, initiate the process of drafting a formal MOU document for legal vetting and final signatures.

This collaboration has the potential to significantly elevate our institution's research profile and provide invaluable support to our academic community.



12. Two-Day Training Programme on “Research Publications & IPR Conversion”

The Research and Development Cell of Loyola Academy have conducted a two-day intensive training programme designed to enhance the research output and intellectual property literacy for **faculty of school of Informatics**.

This programme has provided hands-on guidance and strategic insights into the critical areas of academic publishing and intellectual property rights.

Programme Details:

- **Dates:** Friday, 2nd & Saturday, 3rd January 2026
- **Time:** 3:00 PM to 4:30 PM
- **Venue:** Degree Lab 3, Computer Science Block, Loyola Academy Campus

Day-Wise Schedule:

- **Day 1: Friday, 2nd January 2026**

Title: “Navigating Academic Publishing: From Manuscript to Impactful Publication”

Sessions will cover journal selection, indexing services (Scopus and Web of Science), quartile ratings, manuscript preparation, peer-review process, ethics, plagiarism, and enhancing research visibility (research profile building).

- **Day 2: Saturday, 3rd January 2026**

Title: “From Student Project to IPR: A Roadmap for IPR Creation and Protection”

Sessions will focus on conversion of student projects to book/monographs/book chapters/other publications.

The training programme was exclusively designed and conducted for all the ten departments of computer science and the participated (60) faculty members have participated and benefitted through this Hands-on training programme.

13. Workshop to Loyola Faculty to build Research Identity

The Research and Development Cell of Loyola Academy have conducted a workshop on “Creating a Research Identity” to enhance the research output and intellectual property literacy for faculty of School of Management, School of Commerce and school of Informatics.

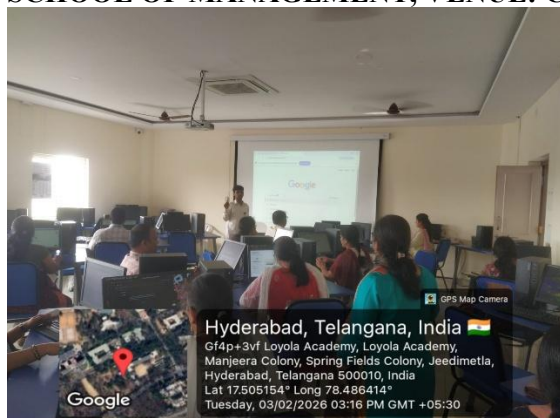
This programme has provided hands-on guidance on creating and updating research identity profiles such as Google Scholar ID, Web of Science Researcher ID, Vidwan ID, Scopus ID, ORCID.

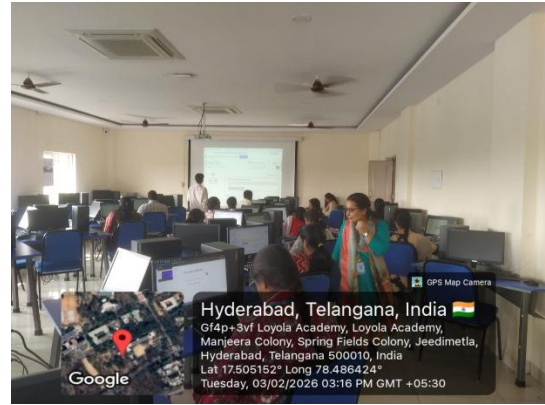
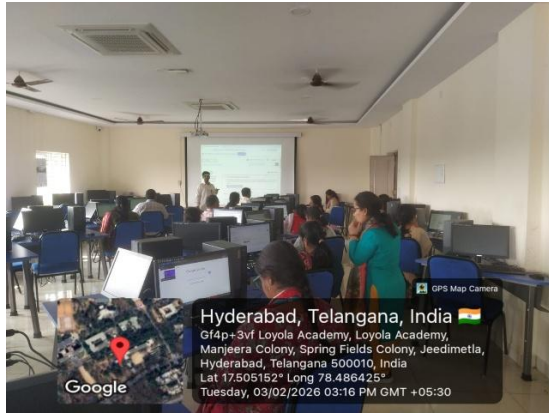
Programme Details:

Resource Person: Dr. Zakir Hussain

- **Dates:** Tuesday, 3rd February 2026, (School of Management), 10th February 2026 (School of Commerce) and 11th February 2026 (School of Informatics)
- **Time:** 3:00 PM to 4:30 PM

SCHOOL OF MANAGEMENT, VENUE: COMPUTER LAB, PG BLOCK



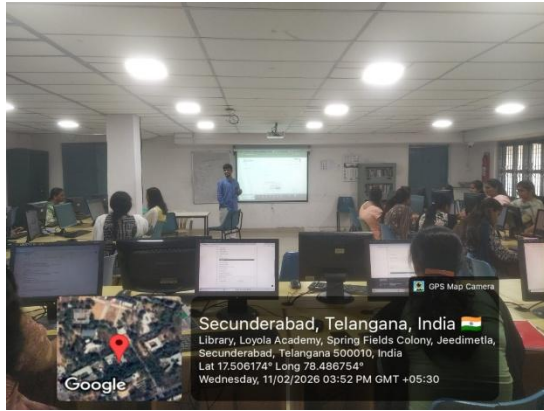


SCHOOL OF COMMERCE, VENUE: 2CB06 (COMPUTER LAB), COMMERCE BLOCK



SCHOOL OF INFORMATICS, VENUE: DEGREE LAB 3, COMPUTER SCIENCE BLOCK





Sponsorship to Faculty AI Training Organized by External Institutions:

Four faculty members were sponsored to attend an AI training workshop entitled “Gen AI for Teaching and Research,” organized by the University of Hyderabad, from 9th to 10th October 2025. The following are the selected attendees of the programme:

- i. Mrs. Patha Rajitha, Department of MBA
- ii. Dr. Rachel Shalini, Dean of Administration
- iii. Dr. Kavitha Joshi, Dean of Management
- iv. Dr. Zakir Hussain, Dean of research

MAJOR REFORMS OR INITIATIVES:

New Incentives Structure (Paying Special Emphasis on Quality)

Revised Incentives (Applicable from Academic year 2025-26)

S.no.	Type of Publication	Incentives (INR)
1	Journal Articles in Web of Science Index (SCI/SSCI/AHCI/ESCI) with Impact Factor from Clarivate Analytics and Quartile Rating of Q1 / Q2	15000
2	Journal Articles in Web of Science Index (SCI/SSCI/AHCI/ESCI) and Quartile Rating of Q3 / Q4	10000
3	Articles in Scopus-Indexed Journals with Quartile Rating Q1 / Q2 or Full Book	10000
4	Articles in Scopus-Indexed Journal with Quartile Rating Q3 / Q4	5000
5	Articles in Web of Science, other collections without Impact Factor (in CPCI or BCI or PCI) / Scopus Indexed Book Chapter	5000
6	UGC Suggested / Acceptable to Institute (Not in Scopus or WOS) (after review by Research Committee/R&D Cell)	3000
7	Process / Product Patent (Indian)	5000
8	Design Patent (Indian)	3000
9	Process Patents (International)	5000
10	Design Patent / Innovation Patent (International)	3000
11	Trademarks or Geographical Indications	3000
12	Books (External) in other indexes	3000
13	Book Chapters (External) in other indexes	2000
14	Awards (State or National)	3000
15	Awards (Internationally renowned bodies or institutes)	5000

- (i) **For publications where all authors are from our Institute:**
- Single-author publications receive the full incentive amount.
 - For multi-author publications:
80% of the incentive is distributed between the first and corresponding authors. The remaining 20% is distributed equally among the other authors.
- (ii) **For collaborative publications with external institutions:**
- Members of our Institute must be the first or corresponding author to receive the full incentive amount.
 - If both the first and the corresponding authors are from our Institute, the incentive is shared equally between them.
 - If our institute member is a co-author (not as the first or corresponding author), they receive ₹2,000 less than the primary authors.

The primary affiliation must be listed as Loyola Academy in all publications. The decision of the research committee and management will be final and binding.

Internal Awards Given to Faculty:

Internal faculty were recognized for their research efforts & outcomes and were presented with awards at various ceremonies held in-house:

1. **Outstanding Faculty Achievement Award:** Presented to Dr. Zakir Hussain (Dean of Research) for his research publications, citations and administration on the occasion of Golden Jubilee Celebrations of Loyola Academy on 20th December 2025 (Saturday) in the presence of officials of Government of Telangana. The award was presented by Honourable **Smt. Dansari Anasuya** (cabinet minister for Panchayati Raj & Rural Development, Rural Water Supply, Women and Child Welfare in Government of Telangana)







2. **Principals Special Award:** Recognizing the research efforts, outcomes and activities of faculty these special awards under various categories were presented to the following faculty members on the occasion of Awards Day-2026 held on 28th February 2026 (Saturday). The awards were presented by **Shri. A. Chandrasekhara Reddy**, Indian Revenue Service (IRS) and currently serving as a Commissioner of GST & Customs.

In accordance with the minutes of meeting held with the management members on 4th February 2026, the following are the awards to be given on the awards day:


(a) “Principals’ Special Award” for the faculty who obtained a Ph.D.: (Memento + Shawl)

S.no.	Faculty Name	Achievement	Photo
1	Dr. Shaik Abdul Khadar	Received a Ph.D. for the thesis titled “Design and Analysis of Metasurface Based Multifunctional Antenna.”	 A photograph showing Dr. Shaik Abdul Khadar, a man in a white kurta, receiving a Ph.D. award. He is standing on a stage with a red backdrop that says "AWARD". He is being presented with a certificate and a shawl by a man in a white shirt. Two other men in white kurtas stand on either side.
2	Dr. V. Krupa Satyavedam	Received a Ph.D. for the thesis titled “The Impact of Mother’s Dietary Choices on the Quality of Breast Milk.”	 A photograph showing Dr. V. Krupa Satyavedam, a woman in a purple saree, receiving a Ph.D. award. She is standing on a stage with a red backdrop that says "AWARD". She is being presented with a certificate and a shawl by a man in a white shirt. Two other men in white kurtas stand on either side.
3	Dr. Shirley Lillian Mylabathula	Received a Ph.D. for the thesis titled “Effect of Stress on Dietary Pattern, Lifestyle, and Physical Activity among college-going Students.”	 A photograph showing Dr. Shirley Lillian Mylabathula, a woman in a blue and gold saree, receiving a Ph.D. award. She is standing on a stage with a red backdrop that says "AWARD". She is being presented with a certificate and a shawl by a man in a white shirt. Two other men in white kurtas stand on either side.
4	Dr. Nandipati Sujitha	Received a Ph.D. for the thesis titled “A Study on Dividend Policy and Its Impact on Shareholders’ Wealth (On Pharma Companies in India).”	 A photograph showing Dr. Nandipati Sujitha, a woman in a purple saree, receiving a Ph.D. award. She is standing on a stage with a red backdrop that says "AWARD". She is being presented with a certificate and a shawl by a man in a white shirt. Two other men in white kurtas stand on either side.
5	Dr. Aparna K	Received a Ph.D. for the thesis titled “An Empirical Study on Quality of Work Life of Employees in Academic Institutions in Hyderabad.”	 A photograph showing Dr. Aparna K, a woman in a blue and white saree, receiving a Ph.D. award. She is standing on a stage with a red backdrop that says "AWARD". She is being presented with a certificate and a shawl by a man in a white shirt. Two other men in white kurtas stand on either side.





6	Dr. Gurrala Pooja	Received a Ph.D. for the thesis titled “ A Comprehensive Analysis of Tax Saving Scheme Awareness among Women Faculty in Engineering Colleges of Hyderabad District. ”	
7	Dr. Rajkumar Reddy Parvathagari	Received a Ph.D. for the thesis titled “ Investors’ perception towards cryptocurrency in India- A study of select investors. ”	
8	Dr. K. Sudha Sundari	Received a Ph.D. for the thesis titled “ Studies on the genetics of seed yield and its component characters in Sesame. ”	
9	Dr. Motiki Onix Tryphosa	Received a Ph.D. for the thesis titled “ Bacterial Investigation of Selected Street Food in Hyderabad, Telangana. ”	

(b) “Principals Special Award” for Doctoral Mentorship: (Memento + Shawl)

S.no.	Faculty Name	Achievement	Photo
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1	Dr. A. Bhavani	Guiding Ph.D. Student on their thesis titled “Rural Livelihood Enhancement through CSR: A study of Initiatives of Select Companies in India.”	
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(c) “Principals Special Award” for Journal Publications: (Memento)

S.no.	Faculty Name	Achievement	Photo
1	Rev. Fr. Dr. M. L. Thomas, SJ	Published “Two” Web of Science Q1 articles	
2	Dr. Zakir Hussain	Published “Two” Web of Science Q1 articles, “Seven” Web of Science Q4 articles, and “One” Scopus Q1 article	
3	Mrs. G. Sirisha	Published “One” Web of Science Q1 article	
4	Dr. Sofia Ahmed Sait	Published “One” Web of Science Q4 article and “One” Scopus Q3 article.	





5	Mrs. Vemula Anusha	Published “One” Scopus Q1 article	
6	Mr. Jatoth Uday Bhargav	Published “One” Scopus Q1 article	
7	Dr. Kiran Kumari Palety	Published “One” Scopus Q4 article	
8	Dr. Shaik Abdul Khadar	Published “One” Scopus Q3 article	

(d) “Principals Special Award” for Patent Publication as First Inventor





S.no.	Faculty Name	Achievement	Photo
1	Fr. M. Arul Jothi	Published a Patent titled “A System and Method for Cognitive Load Optimized Physical Reading and English Language Comprehension Enhancement”, with Indian Patent Office	

(e) “Principals Special Award” for Book and Book Chapter Publications: (Memento)

S.no.	Faculty Name	Achievement	Photo
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1	Mrs. Mary Patricia, and Mrs. Susmitha Parki	Published a Book titled “New Insights on Management” with True Dreamster Press, India.	
2	Dr. Veera Swamy Marri	Published a Book titled “Human Resource Development” with Paramount Publishing House, Hyderabad.	
3	Dr. Daravath Vikas Nayak	Published a Book titled “Cost-Benefit Analysis of Debit and Credit Card Usage at POS,” with Scholars Press, United Kingdom	
4	Dr. Ragini Modi	Published a Book titled “Managing Extension Organizations” with Elite Publishing House, India	
5	Dr. Swapna Ponnampalli	Published a Book titled “Targeting Resistance. Reinforcing the TB Drug Pipeline with Innovative Small Molecules” with Grin Verlag, Germany	

6	Mrs. G. Sirisha	Published a Book titled “Software Engineering and Testing” with Scientific International Publishing House, Tamil Nadu, India	
7	Dr. Chelpuru Madhu	Published a Book titled “Sustaining Tradition: A Socio-Economic Study of Handicraft Artisans in Telangana” with Paramount Publishing House, India	
8	Dr. Ratna Vani Gadde	Published a Book titled “Development Dynamics and Emerging Trends” with Das Publications, India	
9	Mrs. S. Swapna	Published a Book titled “Blockchain Unlocked: How Decentralization Is Reshaping the Digital World” with Eliva Press, Europe	
10	Dr. K. Suguna	Published a Scopus-Indexed Book Chapter titled “Improving Business-to-Business (B2B) Consumer Engagement on social media via the Use of Emojis and Original Content” with IGI Global, USA	


11	Dr. Daravath Vikas Nayak	Published a Scopus-Indexed Book Chapter titled “Sustainable Finance and Green Investments: The Role of Blockchain in the Circular Economy.” With Springer, Germany	
12	Mrs. T. Swarna and her students, Mr. Varun Pradhan, Ms. Sneha Sribhashyam	Published a Scopus-Indexed Book Chapter titled “Harnessing Business Analytics for Predictive Financial Performance: A Data-Driven Approach to Enhancing Decision-Making and Strategic Planning,” with IGI Global, USA	
13	Dr. Padmalatha Koilkonda	Published a Scopus-Indexed Book Chapter titled “Forensic Palynology and pollen DNA Metabarcoding as powerful tools for investigating multidisciplinary aspects of criminology” , with John Wiley & Sons Ltd., England	
14	Dr. Srinivas Karri	Published Two Scopus-Indexed Book Chapters titled “Corporate Governance and Corporate Sustainability with Reference to the New Companies Act, 2013” and “Advancing ESG Practices: Trends, Challenges, and Future Directions in Sustainable Finance” with Springer Nature, United Kingdom	

(f) “Principals Special Award” for Best Conference Presentations: **(Memento)**

S.no.	Faculty Name	Achievement	Photo
1	Mrs. Saidugari Sarashri & Mrs. Y. Ratna Deepthi	Received the Best Poster Award for a presentation titled “AI-Based Tools and Techniques for Advanced Materials and Characterization.”	
2	Fr. Dr. Thomas L. Madanu	Received the Best Paper Award for a presentation titled “Harnessing Slow Light and Plasmonic Effects in Photonic Crystals for Unprecedented H₂ Evolution.”	
3	Dr. Y. Vinod Kumar Reddy	Received the Best Paper Award for a presentation titled “Impact of Growth Regulators on Floral Sex Determination and Yield Attributes in Castor.”	
4	Dr. Shafiq Ahmed	Received the Best Paper Award for a presentation titled “Artificial Intelligence in Indian Urban Governance: Tracing Evidence from Practice.”	
5	Dr. Padmalatha Koilkonda and her students - A. Poojitha, A. Renuka Devi	Received the Best Poster Award for a presentation titled “Exploring the Integration of In Silico Analysis and Conservation of Medicinally Important Plants for Sustainable Development.”	

(g) “Principals Special Award” for Student Publication: **(Memento)**

S.no.	Student Name	Achievement	Photo
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1	Ms. Chinthapally Siri (2 nd Year Student of Computer Science & Information Technology)	Published a Scopus-Indexed Book Chapter titled “Innovative Approaches to Healthcare Security: Balancing Technology, Privacy, and Ethical Oversight” , CRC Press, Taylor & Francis, USA	
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HELPFUL LINKS AND DATABASES FOR THE PURSUIT OF RESEARCH:

(i) Journal Finders / Suggester:

Finding a suitable journal for your manuscript (keep abstract/title/keywords, etc., handy to search from major publishers around the world)

One Nation One Subscription:

<https://www.onos.gov.in/publishers>

(a) Elsevier: <https://journalfinder.elsevier.com/>

- (b) Springer: <https://link.springer.com/journals>
- (c) Taylor & Francis:
<https://authorservices.taylorandfrancis.com/publishing-your-research/choosing-a-journal/journal-suggester/>
- (d) Wiley or John Wiley & Sons:
<https://journalfinder.wiley.com/search?type=match>
- (e) SAGE: <https://journal-recommender.sagepub.com/>
- (f) Multidisciplinary Publishing Institute (MDPI):
<https://www.mdpi.com/about/journalfinder>
- (g) InTech Open: <https://www.intechopen.com/journals>
- (h) De Gruyter Brill:
https://www.degruyterbrill.com/publishing/for-authors/tools-resources/journal-selection?lang=en&srsltid=AfmBOooAeaKz1SHVIP1EtsLfao-ooXpVFbK_4DzfZbNVmvX3j8EHA-zF
- (i) Bentham Science:
<https://www.eurekaselect.com/journalfinder>
- (j) Frontiers:
<https://www.frontiersin.org/for-authors/where-to-publish/finding-the-right-journal>
- (k) Royal Society of Chemistry (RSC):
<https://www.rsc.org/publishing/publish-with-us/publish-a-journal-article/choose-the-right-journal>
- (l) American Chemical Society (ACS):
<https://preferences.acs.org/all-journals>
- (m) American Society for Testing and Materials (ASTM):
<https://store.astm.org/products-services/standards-and-publications/journals.html>
- (n) Web of Science Manuscript Matcher:
<https://mjl.clarivate.com/login-redirect>

(ii) Journal Indexing Finder: To stop publishing in predatory journals (Journals listed in Scopus / Web of Science are good)

(o) **Web of Science Journals List:**

<https://mjl.clarivate.com/home>

(p) **Scopus Journal List:** <https://www.scopus.com/sources.uri>

(q) **SCIMago Journal Ranking:**

<https://www.scimagojr.com/journalsearch.php?q=catalysis>

(iii) **List of Funding Agencies:**

<https://anrf.gov.in/>

The Anusandhan National Research Foundation (ANRF) is a new and landmark initiative by the Government of India, established to strengthen the country's research ecosystem.

(a) **Anusandhan National Research Foundation (ANRF):**

ANRF is a new and landmark initiative by the Government of India, established to strengthen the country's research ecosystem. The ANRF was created by an Act of Parliament (The Anusandhan National Research Foundation Act, 2023) and officially came into existence on February 5, 2024. It aims to seed, grow, and promote Research and Development (R&D) and to foster a culture of research and innovation throughout India's universities, colleges, research institutions, and laboratories. The following agencies fund research across all scientific and engineering disciplines.

Agency & Acronym	Primary Focus	Key Points	Website Link
Science and Engineering Research Board (SERB)	To support basic research in emerging areas of Science and Engineering.	<ul style="list-style-type: none">- The premier agency for basic research.- Funds individual scientists, not institutions.- Offers start-up grants, core research grants, and prestigious fellowships.	https://serb.gov.in/
Department of Science and Technology (DST) (administrative)	Formulating policies and promoting R&D in new and	<ul style="list-style-type: none">- Broader mandate than SERB.- Funds infrastructure,	https://www.dst.gov.in/

Agency & Acronym	Primary Focus	Key Points	Website Link
department of the ANRF)	emerging areas of S&T.	international collaborations, mission-oriented programs (e.g., Climate Change, Water). - Supports technology development and women scientists.	

(b) Health & Medical Research

Agency & Acronym	Primary Focus	Key Points	Website Link
Indian Council of Medical Research (ICMR)	The apex body for the formulation, coordination, and promotion of biomedical research .	- Funds clinical, translational, and public health research. - Manovers a network of its own institutes. - Offers fellowships and task-force grants for specific health issues.	https://main.icmr.nic.in/
Department of Biotechnology (DBT)	Promoting and accelerating the development of biotechnology in India.	- Funds basic and applied research in life sciences, agriculture, and health. - Supports bio-incubators, technology transfer, and industry collaborations.	https://dbtindia.gov.in/
Council of Scientific &	An R&D organization with a	- Not exclusively	https://www.csir.res.in/

Agency & Acronym	Primary Focus	Key Points	Website Link
Industrial Research (CSIR)	network of institutes. Covers a wide range from biology to engineering.	health, but has major programs in drugs, genomics, and chemicals. - Funds in-house research at its labs and also has external grant schemes.	

(c) Agriculture & Earth Sciences

Agency & Acronym	Primary Focus	Key Points	Website Link
Indian Council of Agricultural Research (ICAR)	Coordinating, guiding, and managing research and education in agriculture .	- One of the largest national agricultural systems in the world. - Funds research through its vast network of institutes and agricultural universities.	https://www.icar.org.in/
Ministry of Earth Sciences (MoES)	Provides services for weather, climate, ocean, and coastal state, hydrology, seismology, etc.	- Funds research in atmospheric, ocean, geoscience, and polar science.	https://www.moes.gov.in/

(d) Space, Atomic Energy, and Defense

These are largely mission-oriented agencies with their own premier research labs, but they also offer fellowships and collaborate with universities.

Agency & Acronym	Primary Focus	Key Points	Website Link
Indian Space Research Organisation (ISRO)	Space science, exploration, and technology development.	<ul style="list-style-type: none"> - Funds research through specific announcements of opportunity (e.g., planetary science, space technology). - Offers research fellowships. 	https://www.isro.gov.in/
Department of Atomic Energy (DAE)	Nuclear power, basic sciences, and related technologies.	<ul style="list-style-type: none"> - Manages an extensive network of research institutions (e.g., BARC, TIFR). - Offers prestigious fellowships like DAE-BRNS for research in nuclear science. 	https://www.dae.gov.in/
Defence Research and Development Organisation (DRDO)	Research and development for India's defence services.	<ul style="list-style-type: none"> - Funds extramural research in academic institutions on topics relevant to defence technology. 	https://www.drdo.gov.in/

(e) Social Sciences & Humanities

Agency & Acronym	Primary Focus	Key Points	Website Link
Indian Council of Social Science Research (ICSSR)	Promoting and funding social science research .	<ul style="list-style-type: none"> - Funds research projects, fellowships, conferences, and infrastructure. - Supports both large-scale surveys and theoretical work. 	https://www.icssr.org/
Indian Council of Historical	Funding and promoting historical research .	<ul style="list-style-type: none"> - Provides fellowships and 	https://ichr.ac.in/

Agency & Acronym	Primary Focus	Key Points	Website Link
Research (ICHR)		grants for research projects in history.	
University Grants Commission (UGC)	Coordination, determination, and maintenance of standards of university education.	<ul style="list-style-type: none"> - Provides Junior Research Fellowships (JRF) and Senior Research Fellowships (SRF) for PhD students via the National Eligibility Test (NET). - Also has major research project schemes. 	https://www.ugc.gov.in/

(f) Key Industry & Technology Development Agencies

Agency & Acronym	Primary Focus	Key Points	Website Link
Biotechnology Industry Research Assistance Council (BIRAC)	Fostering innovation and entrepreneurship in the biotech sector.	<ul style="list-style-type: none"> - A DBT interface agency. - Provides grants and mentorship to start-ups and SMEs for product development. 	https://birac.nic.in/
Atal Innovation Mission (AIM)	Promoting a culture of innovation and entrepreneurship in India.	<ul style="list-style-type: none"> - Focuses on creating ecosystems (Atal Tinkering Labs, Incubators) rather than direct research grants. 	https://aim.gov.in/

(iv) ONLINE FREE COURSES FOR RESEARCHERS

Elsevier is offering a set of **free**, expert-led online courses designed to strengthen essential skills in **research writing, publishing, and grant application**.

Perfect for faculty, early-career researchers, and Ph.D. scholars.

 **How to Write a Literature Review (60 min)**

 <https://lnkd.in/gRsWFvdy>

 **How to Identify Research Gaps (12 min)**

 <https://lnkd.in/gvxgD95D>

 **How to Conduct Evidence-based Research (38 min)**

 <https://lnkd.in/gMUxXybm>

 **How to Find Relevant Research Papers (15 min)**

 <https://lnkd.in/gKXauFHr>

 **How to Write an Abstract (40 min)**

 <https://lnkd.in/g9drbDZF>

 **How to Secure Funding (60 min)**

 <https://lnkd.in/g-diuMPv>

 **How to Use GenAI in Research (53 min)**

 <https://lnkd.in/gepXEzBf>

 **Author Policies on Generative AI (11 min)**

 <https://lnkd.in/gT4Xg7y>

 **How to Write a Cover Letter (8 min)**

 https://lnkd.in/gFA_pNkd

 **How to Respond to Reviewers' Comments (37 min)**

 <https://lnkd.in/gcG7mxrc>