

Faculty Profile

Brief Profile (Few Paragraphs)

Faculty Photo

Personal Information

- Name: Dr. Ramaa A
- Designation: Associate Professor & Associate Dean Placement & Training
- Department: Department of Industrial Engineering & Management
- Email: ramaa@rvce.edu.in
- Phone: 080:68188151

ORCID: <https://orcid.org/0000-0002-4762-6583>

Scopus Author ID: 35753758600

Domain of Expertise: Statistics, Supply chain management, Quality, Industrial Engineering

Research Focus

- Primary Area: [Supply Chain Management, Engineering Education research]
- Allied Areas:
 - Performance Measurement of Supply Chain, Learning Styles
 - Digital twin of Supply Chain Networks

Academic Qualifications

- Ph.D.: Ph.D, Avinashilingam University for women, Coimbatore
- M.Sc./M.Tech: M. Tech, Visvesvaraya Technological University (VTU), Belgaum
- B.E./B.Tech: Bangalore University

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	RV College of Engineering	Associate Professor Assistant Professor Lecturer	since September 2013 2011-2014 2006-2011
2.	Dayananda Sagar College of Engineering	Lecturer Teaching Assistant	2005-2006 2000-2002

Publications & Patents

Journal Publications

1. Ajay Kumar, G. V., Ramaa, A., & Shilpa, M. (2024). Comparative study of dry machining performance using hybrid textured cutting insert. *Materials and Manufacturing Processes*, 1-9.
2. Kumar, G., Ramaa, A (2024). Modelling and optimization based on RSM in dry turning parameters of AISI H13 steel using novel hybrid design texture tool. *Cogent Engineering*, 11(1), 2375427.
3. Ramaa A, Narahari N S “Applications of Robotic Process Automation in Supply Chain Operation” International Journal of Innovative Research in Technology(UGC Approval No:47859) vol-11, issue-1 pp-898 – 905
4. Ramaa A “Automation of Order Management and Inventory Management in Fashion E-Commerce using Low Code Automation Tool” ” International Journal of Innovative Research in Technology(UGC Approval No:47859) vol-11, issue-1 pp-1202 – 1209
5. Anitha, D., Ahirao, P., Ramaa Ananthamurthy, & Ullas, V. P. (2023). Exploration of gender specific and learning environment specific comfort level in collaborative learning. *International Journal of Continuing Engineering Education and Life Long Learning*, 33(6), 536-553.
6. Kumar, G., Ramaa, A & Shilpa, M. (2022). Parametric analysis of dry machining process using a novel integrated multi-attribute decision making approach. *Decision Science Letters* , 11(2), 193-202.
7. Dr Subramanya, K. N., and Dr A. Ramaa, Dr. Kendaganna, “Metacognitive Proactive Hybrid Learning Model Using ICT Tools.” *Journal of the University of Shanghai for Science and Technology* 23 (2021): 294-300.
8. Sumathi H, G S Mamatha, Ramaa A, “Cataloguing of attention deficit hyperactivity disorder (ADHD) among children”, TechRxiv Rerprint, NOV 2021.
9. Dr Ramaa, Dr Vikram N B, Mrs Nandini B, “Facility Redesign using SLP and Simulation in a fabrication unit” submitted for RV journal of science technology Engg. Arts and Management, Vol 01, No. 02, pp 124-138
10. Dr. Ramaa A, Dr C K Nagendra Guptha and Dr K N Subramanya, “IoT enabled biomedical waste management system”, RV journal of science technology Engg. Arts and Management, Vol 01, No. 01, pp 49-64
11. Dr. Rajeswara Rao KVS, Dr. Ramaa A, Dr. N S Narahari published a paper on “Continuous Quality Improvement Studies in a Gypsum Board Manufacturing Unit - A Case Analysis” at Asian Journal of Management, International, 2018; 9(2):947-953
12. Dr Ramaa, Mohith Muralidhar, Sabareesh G, Kaustubh Lavakare, Bharath C Sharma, “Modeling and analysis of an integrated supply chain configuration framework for modular product architecture”, Vol 2, No.3, 2016, Journal of Supply Chain and Operational Resilience, Inderscience Publishers
13. Dr N.S. Narahari, Dr Ramaa A, Dr Rajeswara Rao, “Supplier Evaluation and Order Allocation using the Data Envelopment Analysis (DEA) Technique ” International journal of Operations and Quantitative Management 22 (2), 189-201, May 2016
14. Mrs. Ramaa A, Dr. K.N.Subramanya, Dr N S Narahari, “Simulation Modeling of Call Flow Process Delays in a Cellular Network”, International Journal of Industrial and Systems Engineering, Inderscience Publishers, Vol. 19, No. 3, 2015.
15. Rajiv Satish Gawade, H N Narasimha Murthy, Ramaa A, “Optimization of Process Parameters for Enhancement of β Crystal content in Thin Films, International Journal of Science, Engineering and Technology Research, Vol. 3(7), pp. 2086-2090, July 2014.
16. Mrs. Ramaa A, Dr.K.N.Subramanya, Dr. T.M Rangaswamy, “Performance Measurement System of Supply Chain – An Empirical Study”, International Journal of Business Performance and Supply Chain Modelling, Inderscience Publishers, Volume 5(4),2013, pp. 343-360.
17. Mrs. Ramaa A, Dr.K.N.Subramanya, Dr. T.M Rangaswamy, “Impact of Warehouse Management System in a supply chain”. International Journal of Computer Applications, Volume 54(1), 2012, pp. 14-20. Impact factor – 0.83

18. Mrs. Ramaa A, Dr.K.N.Subramanya, Dr. T.M Rangaswamy, "Supply chain Performance Metrics in practice" has been published in International Journal Of Industrial Engineering And Technology, ISSN 0974-3146 Volume 3, Number 1 (2011), pp. 107-117
19. Mrs. Ramaa A, Dr. T.M Rangaswamy, Dr.K.N.Subramanya, "Performance Analysis of a Two Stage Supply Chain Network Using Simulation – A Case Study, Lecture Notes in Engineering and Computer Science Year: 2010 Vol: 2185 Issue: 1 Pages/record No.: 2401-2406 ISSN: 20780958 EISSN: 20780966
20. Mrs. Ramaa Nadig, Dr. T.M Rangaswamy, Dr.K.N.Subramanya, "AHP Based Performance Measurement System Of Supply Chain", Global Journal of Management and Business Research June/July -2010 Volume 10 Issue 5 Version 1.0, Page No 9-13. Print ISSN: 0975- 5853.
21. Dr. K.S. Badarinathan & Ramaa A, "Toyota Way for Assuring Quality in Technical Educational Programs", The Indian Journal of Technical Education, Vol. 30, No. 4, October – December 2007.

Conference Papers

1. Ramaa A, Venkata Ajay, "Tool wear prediction using GRNN in Sustainable machining of AISI H13 steel", 8th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS), held from 7th to 9th November, 2024
2. Ramaa A, Narahari NS, Potential Applications of Robotic Process Automation in Supply Chain Operations, 65th National Convention 7th International Conference & National Productivity Contest, Dec 15-17, 2023 at BMSCE, Bangalore
3. Mohanapriya, Jeeval Kumari, Dr Ramaa A, Dr. C K Nagendra Guptha, "Back Order Prediction using Machine Learning", IIIE 65th National Convention 7th International Conference & National Productivity Contest, Dec 15-17, 2023 at BMSCE, Bangalore
4. Satish Kumar Y.D, Dr Ramaa A, "Digital Twin in Manufacturing: A Categorical literature" IIIE 65th National Convention 7th International Conference & National Productivity Contest, Dec 15-17, 2023 at BMSCE, Bangalore
5. Brinda Sai, Shachika Thanigaivelu, Shivaani, Shyamala Babu C S, Ramaa A, Integration of Chatbots in the procurement stage of the supply chain", 6 International Conference on "Computational Systems and Information Technology for Sustainable Solutions [CSITSS – 2022], during 21st - 23rd December 2022
6. Talluri, Maunika, and Ramaa Ananthamurthy. "Exploratory Study on the Impact of Digitalisation of the Supply Chain on Performance and Visibility in the Indian Manufacturing Context." 2nd Indian International Conference on Industrial Engineering and Operations Management Warangal, Telangana, India, August 16-18, 2022
7. Dr Ramaa, Mr Venkata Ajay, "Experimental investigation and optimization of process parameters in turning of AISI H13 steel under dry condition" International Conference on Sustainable Materials, Manufacturing & Industrial Engineering- ICSMMIE-2022, during 1st and 2nd July 2022, Tumkur, Karnataka, India.
8. Jeeval Kumari, Dr Ramaa Ananthamurthy, "A Review on the Evolution of Demand Forecasting Methods" International Conference on Sustainable Materials, Manufacturing Industrial Engineering- ICSMMIE-2022, during 1st and 2nd July 2022, Tumkur, Karnataka, India
9. Dr. Ramaa A, Chayan Sarawogi, Abhee Anshul, Kushagra Singh and Shreshth Himatsingka presented a paper on "Assessing Covid19 Vaccine Wastage – A Indian Case study" in Eighth International Conference on Business Analytics and Intelligence (ICBAI-2021) during 20th -22nd December, 2021
10. Ramaa A, Shachika Thanigaivelu, Brinda Sai, Shivaani N, Shyamala Babu C S, Quality 4.0: An exploratory research on the impact of AI", International Conference on Sustainable Materials, Manufacturing & Industrial Engineering- ICSMMIE-2022, during 1st and 2nd

July 2022, Tumkur, Karnataka, India.

11. Dr Ramaa A, Prof Bhaskar MG, Dr Vikram N B, Dr Vijaya Kumar M N, Dr N S Narahari, "Experiential Learning Model for Gen Z Student's Engagement in Engineering Education: A Case Study" AICTE sponsored two days national conference on "Critical thinking for Gen Z - Multidisciplinary Approach (CTGZMA -2021)" in association with Indian Society of Technical Education (ISTE), New Delhi during 28th -29th October 2021 (Awarded Best Paper in the category)
12. Dr Ramaa A, Dr Vikram NB, "Study and Analysis of Anthropometric Data for Designing Classroom Desks" , Advances in Mechanical Engineering, Sciences and Management, DSCE Bangalore (ICAMESM-2020) during 6th -8th December 2020
13. Dr. Ramaa A, Dr. N S Narahari, Dr. Rajeswara Rao K V S presented a paper on "Health Care Analytics on Blood Service Operations in Indian Scenario" at 51st Annual Convention of Operational Research Society of India (ORSI) and International Conference on Emerging Trends in Operations Research and Management Science, IIT, Mumbai during 16th – 19th December, 2018
14. Ramaa A, Gowtham L, Monish, Sushma, Naveen presented a paper on "Automated pick and place mechanism for toy insertion in an FMCG packaging" at International Conference on Trends in Industrial & Value Engineering Business & Social Innovation, ICIVBS - 2018, organised by Department of Industrial Engineering and Management, Dayanda Sagar College of Engineering, Bengaluru during 2nd to 4th April 2018
15. Ramaa A, Anusha PR, Likitha R presented a paper on " Readiness of Indian Industries for Industry 4.0" at International Conference on Trends in Industrial & Value Engineering Business & Social Innovation, ICIVBS - 2018, organised by Department of Industrial Engineering and Management, Dayanda Sagar College of Engineering, Bengaluru during 2nd to 4th April 2018
16. Dr. Ramaa A, Dr Rajeswara Rao K V S, Dr N S Narahari, Dr K N Subramanya, "Challenges in Implementation of Outcome Based Education", 20th ISTE state level faculty convention, December 2017
17. Dr Ramaa A, Cloud Computing: Supply Chain As A Service, 4th International Conference on Industrial Engineering (ICIE 2017), December 2017
18. Dr N.S. Narahari, Dr Ramaa A, Dr Rajeswara Rao, "Predictive analytics using System Dynamics models for manpower planning in an organization- A Case Study", Fourth International Conference on Business Analytics and Intelligence (ICBAI), December 19-21 at IISc, Banaglore.
19. Ms Meghana, Dr Ramaa A, "A Review of literature on Ergonomics in dentistry", International conference on Management of ergonomic design, Industrial Safety and Healthcare sytems (MESH 2016), Dec 20-23, IIT Kharagpur, India
20. Dr Ramaa A, Anuj, "A Review of Literature on Comparative Analysis of Multi-Criteria Decision Making(MCDM) Techniques used for Supplier Evaluation", International Conference on Applied Science Engineering and Technology(ICASET-16) held at Sri Sairam College of Engineering (SSCE), Bengaluru,Karnataka, on 6th -7th June '2016
21. Progya Parmita,Sumant Nemmani, and Dr Ramaa A, "A conceptual model for reduction of pilferage in logistics of Fuel supply chain in India using ICT tools", in International Conference on E-Business & Supply Chain Competitiveness (EBSCC 2016), 12-14 February 2016, IIT Kharagpur
22. Dr N.S. Narahari, Dr Ramaa A, Dr Rajeswara Rao, "Supplier Evaluation and Order Allocation using the Data Envelopment Analysis (DEA) Technique " in International Symposium in Honor of Dr A Ravi Ravindran held at Satish Dhawan Auditorium, Indian Institute of Science, Bangalore, India. The conference proceedings are published by IK International Publishing House Pvt. Ltd.
23. Dr N.S. Narahari, Dr Ramaa A, Dr Rajeswara Rao, "Energy Consumption analysis in an auto

motive components manufacturing unit: A case study” presented a paper in 7th International Congress of Environmental Research (ICER-14), during 26-28 December 2014, organised by R V College of Engineering & Journal of Environmental Research and Development Bhopal, India

24. Dr N.S. Narahari, Dr C K Nagendra Gupta, Ramaa A, “Analysis and Evaluation of Logistics operations from 3PL perspective” in the proceedings of the National conference on “Industrial Engineering and Technology Management - Challenges and Opportunities for IE in Emerging Economies” organised by National Institute of Industrial Engineering, Mumbai during 29-31 October 2014, Excel India Publishers pp 273-280, ISBN: 978-93-83842-90-2.
25. Ms Vidhya Viswanathan, Mr Ravindra Prasad, Mr Shatish.C, Mr Malleshi Talwar & Prof. Ramaa A, presented a paper titled “Process Improvement Using B-Most Technique” at Two Day National Conference on Emerging Trends in Engineering Management, JSSATE, during 6-7 November 2014.
26. Rajiv Satish Gawade, H N Narasimha Murthy, Ramaa A, presented a paper titled “Parametric Influence on β -Phase content of MWCNT dispersed PVDF Thin films “ at National conference on Advances in Design, Manufacturing and Management (ADMM’14) held at R V College of Engineering on 30th May 2014
27. Mrs Ramaa.A, presented a paper titled “Gap in implementation of women welfare schemes and legislations in IT/ ITes Industry – A status study”, at International conference AMMMT-2013 held at Siddaganga Institute of Technology, Tumkur during 3-4th May 2013
28. Dr K N Subramanya, Mrs Ramaa.A, Ms Nandini, “Simulation modeling of Airport operations”, at 54th National Convention and International Conference Paradigms for global Challenges and opportunities: Vision – 2025 organized by Indian Institution of Industrial Engineering (IIIE) during 29th – 31st October 2012.
29. Mrs Ramaa.A, Suchit R C, Ananda N C, Hemanth Gowda, “Innovative strategies for Managing Manufacturing Operations: Role of Industrial Engineer in the Era of Globalization”, presented at International conference on Innovations in Management Practices, ICIMP 2012, held at Kristu Jayanti College of Management and Technology during 20th and 21st April 2012.
30. Mrs Ramaa. A, Ms. Akansha Mishra, “Agent based simulation for measuring performance of supply chain network”, presented at International simulation conference of India 2012, held at IIT, Bombay from 2nd to 4th February 2012
31. Ms. Ramaa A, Dr.K.N.Subramanya, Dr. T.M Rangaswamy, “Importance of performance metrics in Medium scale industries – A survey” presented at National conference on Innovative Paradigms in Contemporary Management at the department of Management Technology, S B Jain Institute of Technology , Management and Research, Nagpur on 28th January 2012
32. Mrs Ramaa.A, Ankit Anish, Nitesh Jain, Rachit Prasad, “Simulation of Airport Operations”, presented at the National conference on Recent Trends in Computer Technology(RTCT-2011), held on 29th and 30th April 2011 at Dept of CSE, RVCE.
33. Ms. Ramaa A, Dr.K.N.Subramanya, Dr. T.M Rangaswamy, “Status Study of Supply Chain Performance Indicators used by Organizations”, presented at International conference on Operational Excellence For Global Competitiveness” (ICOEGC - 2011) organized by Dept. of IEM, RVCE in association with ABCON Information Systems, Bangalore, during 3-5 February 2011.
34. Ms. Ramaa Nadig,Dr. T.M Rangaswamy, Dr.K.N.Subramanya: A Study of the Importance of Supply Chain Performance Metrics in Medium Scale Industries, presented at Knowledge Utsav, jointly organized by Tumkur University and Jain Group of Institutions at SBMJCE, Bangalore. This paper was adjudged as the best paper in Supply chain management category.
35. Ms. Ramaa Nadig,Dr. T.M Rangaswamy, Dr.K.N.Subramanya: Performance Analysis of a Two Stage Supply Chain Network Using Simulation - A Case Study, presented at World

Congress of Engineering (WCE-2010), London UK during June 30th – July 2nd 2010. The proceedings are available at http://www.iaeng.org/publication/WCE2010/WCE2010_pp2401-2406.pdf

36. Ramaa, T. M. Rangaswamy, K. N. Subramanya, "A Review of Literature on Performance Measurement of Supply Chain Network," 2nd International Conference on Emerging Trends in Engineering and Technology ICETET held during December 2009 at Raison College of Engineering, Nagpur.
37. Ramaa, T. M. Rangaswamy, K. N. Subramanya: Supply chain measurement in practice presented at International Conference On Sustaining Business in a Changing Global Environment, New Horizon College of Engineering during 12th and 13th November 2009.
38. Prof. N.S. Narahari and Ramaa A presented a paper titled "Energy Management in IT industries In India" which was presented at 50th International Seminar on Global Energy Challenges: Strategies for Sustainable Development, IIIE during January 16 – 18 2009 at Visakhapatna.
39. Ramaa.A, Shobha N.S, K.S BadariNarayana "Toyota way of assuring quality in open distance learning institutions" – National conference of quality assurance in ODL institutions, KSOU, Manasagangothri, Mysore held on 3,4 &5 March 2007
40. H.N.Jagadeesh, Ramaa.A, Suresh K.V, H.B.Niranjan "Electrochemical behaviour of plastically deformed Al 2024 alloy – Haematite composite". Natcon –ME 2005 held at Ghousia College of Engg on 11- 12th March 2005
41. H.B.Niranjan, Ramaa.A, Suresh K.V, " Effect of pressure during solidification on wear behavior of Aluminum Haematite composite" National Conference on " Mechanical Engg & Design DESCON 2004" held at MSRIT, Bangalore

Seminars/Conferences/ Workshops organized

Sl.No	Conferences/Seminar/Workshops/Events	Responsibility
1.	EduAlthon 2025, a two-day national-level educational hackathon, was organized from May 16 to May 18, 2025, at RV College of Engineering, Bengaluru, in collaboration with the Indo Universal Collaboration for Engineering Education (IUCEE).	Organising committee member
2.	Women's Day Talk on Empowering Women Through Financial Literacy: Achieving Gender Equality (SDG 5) by Ms Shreya Mrigen on 5 th March	Organising committee member
3.	5-Day Faculty Development Programme on Embracing the change for Academic Excellence organized by IQAC during 3rd to 7th March 2025	Organising committee member
4.	8 th IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS-2024) 7th -9th November 2024 at RV College of Engineering, Bangalore	Program Committee, Reviewer and Session Chair
5.	Mastering Course Outcomes: Significance, Importance, and Effective Framing by Dr Ranganath RV on 10 th September 2024	Organising Committee member
6.	Future of Operations Management by Rami Goldratt, CEO of Goldratt Consulting	Organising Committee member
7.	65 th IIIE National Convention and International Conference and Productivity contest - 15 to 17th December 2023	Organising Committee member
8.	IGNITE - Orientation Programme on Entrepreneurship (IQAC and Dept of IEM) - 4 - 6 th December 2023	Organising Committee member
9.	Seminar on Quality 4.0 during 25 th and 26 th May 2023 in association with ISQ	Organizing committee member

10.	VCs Conclave organised by VTU on NEP 2020 during 15 th - 16 th September 2022 at Hotel Lalit Ashok	Organizing committee member
11.	Talk on Challenges for Implementing National Education Policy in Technical Institutions by Dr K Balaveera Reddy, October 13 th 2020	IQAC member
12.	Two days inter disciplinary IDEATHON on Intelligent Transportation Systems “For a safer, smarter and sustainable transportation” organized by departments of IEM, CSE and MCA under the flagship of CISCO-RVCE Centre of Excellence in IoT during 9-10 February 2018.	Coordinator
13.	Invited talk on “Intelligent Transport System” by Ms. Alka Nair, Mathworks, under the flagship of CoE-IoT on 16th February 2018.	Coordinator
14.	Industry Institution Programme on "Operational and People Excellence as a profession for Graduating Engineers" organised by IDEA under the banner of Industry Institution Interaction Cell (IIIC) and Internal Quality Assurance Cell (IQAC) on 26 /11/18	IQAC member
15.	International Conference on Applied Science Engineering And Technology (ICASET-16) held at Sairam College Of Engineering On 6 th –7 th June 2016	Organizing committee member
16.	One week proficiency course on “Predictive Analytics” held during 25 th – 30 th July 2016 conducted by Dept. of IEM, RVCE	Coordinator
17.	Industry-Academia Conclave held on 5 th February 2016, RVCE	Organising committee member
18.	Involved in Opportunities in Design and Innovation at RVCE on 27 th Feb 2016, RVCE	Registration committee
19.	E-cell event “Make a model” contest held on 23/01/16	Judging the best team for e-cell
20.	7 th International Congress on Environmental Research (ICER 14) held at RVCE	Publication committee member
21.	One day workshop for preparation of Institutional development plan for Rashtreeya Unnatha Sikshana Abhiyana (RUSA) on 07.12.2013, sponsored by TEQIP	Organizing committee member
22.	Two day Project review workshop held at Taj West end and ITC Windsor Manor on 23 rd and 24 th September 2013, sponsored by TEQIP	Organizing committee member
23.	3 days TEQIP-II initiative workshop on “Stochastic processes for Engineering and Technology” jointly organized by Dept. of Mathematics, Industrial Engineering and Management and MCA department held at R V College of Engineering during 18 th -20 th July 2013.	Coordinator
24.	National level techno cultural extravaganza 8th Mile held on 15th, 16th and 17th March 2012 at RVCE, Bangalore	Staff coordinator
25.	International Conference for Operational Excellence for Global competitiveness (ICOEGC-2011) held during 3rd to 5th February 2011 organized by Dept. of IEM, RVCE in association with ABCON Information Systems	Secretariat

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| 26. | National workshop on “Competency Mapping for Effective Performance” conducted by department of IEM,RVCE on 12th May 2007 | Organizing committee member |
| 27. | One week workshop on “ Human Resource Development “ during 25-29, June 2007, conducted by Indian Heritage Academy and Dept of Industrial Engineering and Management, R V College of Engineering , Bangalore sponsored by All India Council for Technical Education (AICTE), New Delhi. | Organizing committee member |
| 28. | Faculty Development Programme of Engineering Colleges & Management Institutions conducted by Indian Heritage Academy and Dept. of IEM, RVCE on 18 to 20 December 2007 | Organizing committee member |
| 29. | One day workshop on Rapid Prototyping and Reverse Engineering, organized by Dept of IEM, RVCE on 11 th Nov 2008. | Organizing committee member |
| 30. | National conference on Rapid prototyping and manufacturing (RPM) 2009, during 12th and 13th May 2009 organized by Dept of IEM, RVCE. | Organizing committee member |

Books/Book Chapters

R & Grants & Consultancy Projects

Funded Projects

- Have received **grant from VTU-RGS scheme** for the proposal titled “Exploratory research on impact of Artificial Intelligence on procurement in the supply chain” for an amount of **Rs 6 Lakhs (Principal Investigator)** for the duration of 2 years.
- Working as a member for Center of excellence in Logistics and Supply chain Management – Involved in its conception and conduction of Internship program for UG and PG students during 2021-2022
- **Coordinator for AICTE ATAL** sponsored FDP on Achieving operational excellence through digital transformation of supply chain conducted during June 2021 (Sanctioned Amount – **Rs. 93000/-**)
- **Coordinator** for AICTE sponsored seminar on “Industrial Internet of Things - Indian Context” held during 10th – 11th November 2017 (Sanctioned Amount -**Rs 1,00,000**)
- Working as a member for CISCO - RVCE Center of Excellence in Internet of Things (IoT) – Involved in conduction of 5 days workshop for students on Intelligent Transport Systems Involved in the conduction of Internship program for students during 2019-20 and 2021-22 on Intelligence systems

- Worked as Co-Principal Investigator for the proposal titled “Development of Nano filler filled PVDF composite thin film for piezo application” under Center of Excellence, RVCE
- Worked as a project coordinator for research study entitled, “A study of effectiveness of Women Welfare schemes implemented at IT/ITes sector – Karnataka” sanctioned by **National Commission for Women Research & Studies Cell** for **Rs. 2, 55,150/-** for a duration of 2 years.

Consultancy

Sl. No.	Training / Consultancy work	Funding Agency	Amount Recd. (Rs)
1	Center of excellence in Logistics and Supply chain Management – Involved in its conception and conduction of Internship program for UG and PG students during 2021-2022 Center of excellence in IoT, Intelligence Systems	Internship for students	Rs.1,27,440 (2022-23) + 66000 (2021-22) + 40,679 (SCM) 55935 (IOT) (2020-21)
2	Design and development of an automated system	Samson Automation Technologies	Rs 2,03, 550
3	AICTE SLAP program (Submitted Objective type questions in Engineering Statistics, Industrial Engineering and Project Management)	AICTE – (2021-22)	Rs 22,000/-
4	R programming	Kaalp Consulting	

Professional Memberships

Sl. No.	Association / Professional Body	Membership Detail / No.	Term
1.	Indian Society for Technical Education	LM 57704	Life member
2.	IAENG - International Association of Engineers	108306	Life member
3.	Indian Institute of Industrial Engineering (GC member for IIIE BC)	SM 9948	Life time
4.	Indian Society for Quality	ISQ/LM/198	Life Member
5.	Quality Circle of India	049921 125178	Life Member

6.	Institute of Industrial and Systems Engineers, USA	ID# 880157777	Senior Member
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● Awards & Recognitions

- IUCEE honorary membership award at ICTIEE -2025 held VNRVJIET, Hyderabad during 8 to 10 January 2025.
- Received Teaching and Learning Award from IUCEE during their 11th International conference ICTIEE 2024 held at Hubli during 2nd to 4th Jan 2024
- Received certification for the education program “IGIP Engineering Educator Program” offered from International Society for Engineering Pedagogy, Vienna
- Received honor from RSST trust for achieving excellence – January 26th 2019
- Received honor from RSST trust for achieving excellence – January 26th 2018
- Received honor from ISTE – RVCE Chapter for achieving excellence through Doctoral Studies during teacher’s day function held on November 4th 2015
- Received honor from RSST trust for achieving excellence through Doctoral Studies - January 26th 2015
- Certificate of Honor presented by Indian Institution for Industrial Engineers, Bangalore Chapter on 57th foundation day function on 15th February 2015.
- Certificate of Honor presented by ISTE chapter RVCE for achieving academic excellence through research publications - September 8th 2012
- Certificate of Honor presented by ISTE chapter RVCE for achieving academic excellence through research publications - September 8th 2008.

Student Supervision

- Ph.D. Candidates: 03 (1] Graduated)
- M.Tech/M.Sc. Students: [10]
- Undergraduate Research Mentees: [52 batches – approx. 180 students]

Professional Roles

- ✓ Editorial board member (Associate Editor) JEET(Journal of Engineering Education Transformations – Q3journal)
- ✓ Editorial Board Member for American Association for Science and Technology (AASCIT)
- ✓ Associate Editor for the International journal of Manufacturing systems and Industrial Engineering (IJMSIE)

Teaching

Core Courses: **[Current semester]**

- [IM241AT] [Statistics for Data Analytics]
- [MIM325DK] [Essentials of Project Management](MTech Institution elective)

Advanced/Lab Courses:

- Operations Research lab

Professional Roles

- Dr Ramaa A. received the IUCEE honorary membership award at ICTIEE -2025 held at VNRVJIET, Hyderabad during 8 to 10 January 2025
- Dr Ramaa A has received a certificate of appreciation as Reviewer in the CRC Press - Edited Book Adopting Artificial Intelligence Tools in Higher Education (Vol 2) - Student Assessments
- Dr Ramaa was a session chair for the “**Indian Society for Quality Annual Conference 2024**” organized by ISQ at M. S. Ramaiah Medical College Campus, Bangalore during 13-14th December 2024
- Dr Ramaa A, was the session chair at ICTIEE -2025 conducted by IUCEE in collaboration with VNRVJIET, Hyderabad during 8-10th January 2025
- Dr Ramaa completed Dr. Marshall Goldsmith's masterclass on Strategic Leadership during March 2025
- Session chair during the IIIE 65th National convention and 7th International conference and productivity contest held at BMSCE during 15th - 17th December 2023
- Delivered a talk on CO-PO Attainment, in 5 Day Faculty Development Programme on “Outcome Based Education” from 25.09.2023 to 30.09.2023, organized by ISE Dept, RVITM
- R Programming, (As part of Skill lab for II sem AIML students), AIML Department during 25-7-23 & 28-7-23
- Delivered a guest lecture on the topic " Harmony in myself " for IV Sem EIE Department on 03-07-23
- Delivered a lecture on “Dynamic Classroom” during a Workshop on Integrating Technology for Enhanced Learning, RVCE on 27-07-23
- Panel member in Women Leadership Round-Table on Logistics Management -Date: 12th of May 2023 (Friday) organized by Indian Institute of Materials Management Bangalore Branch
- Delivered a talk on CO attainment (as part of AICTE sponsored “Share and Mentor Institutions (Margdarshan Scheme)”) on 20/10/22 at RVCE
- Universal Human Values, “Self: Self explorations and concerns, Right understanding, Right feeling, Self &Body Co-existence” - I year orientation program 2021-22, Offline and telecasted, TC Seminar Hall, RVCE on 22nd December 2021
- Delivered a talk on “Digital SC Transformation Capabilities” in ATAL FDP on Digital SC for operational excellence organized by St. Joseph Institute of Management, on Nov 21, 2021
- Delivered a talk on Harmony in Self during First year orientation during November 30, 2022
- Session chairs in First ISQ Symposium organised by Indian Society for Quality on 23rd -24th September 2022 at RVCE
- Session chair for 2nd IEOM India International Conference, Jointly hosted by the NIT Warangal & JNTU Hyderabad during August 16-18 2022
- Delivered Orientation talk on Center of excellence in Supply chain and logistics Management for I year students on 14.12.2021 as part of orientation program
- Universal Human Values, “Self: Self explorations and concerns, Right understanding, Right feeling, Self &Body Co-existence” I-year orientation program 2021-22, Offline and telecasted, TC Seminar Hall, RVCE on 22nd December 2021
- Measuring outcomes, Assessment and Rubrics, Online FDP on Outcome based education organised by Manipal University Jaipur, 19.11.2021
- Delivered talk on NBA - Criterion 3 and Criterion7, as part of Margadarshan Scheme during 2 days FDP at KLS-GIT, Belagavi on 3-4 March 2021
- Criteria 2- Teaching Learning process (part of workshop on Accreditation process - Margadarshan scheme), 5-Day Faculty Development Program on “OBE & Its Impact on Accreditation Process” during 8-12 November 2020 by RVCE (10th November 2020)
- Delivered a talk on Simulation using Anylogic - as part of Internship offered by Cisco RVCE CoE in IoT (Intelligent Systems) -14th August 2020
- Demonstration on PO attainment (Indirect assessment tools and defining rubrics for evaluation), 5-Day Faculty Development Program on “OBE & Its Impact on Accreditation Process” during 06-10 July 2020 by RVCE (09th July 2020)

- Online FDP on Research in Modern Era Topic: Statistical Tools in Research Organized by Dept of ME, JC Bose University of Science and Technology, Faridabad 4-June-2020
- Session chair in 3 days International conference on “Trends in Industrial Value Engg Business and Social Innovation (ICIVBS), DSCE, held during 2nd – 4th April 2018.
- Resource person for Training Engineering faculty on installation and working of OFBIZ software on 16/10/2015 at Ambedkar Institute of Technology, Bengaluru
- Resource person for Three day faculty Development Programme on “Development of simulation models for effective decision making” during 14 - 16th July 2015, under TEQIP-II organised by Department of Industrial Engineering and Management, M S Ramaiah Institute of Technology, Bengaluru
- Delivered a technical talk on “INVENTORY MANAGEMENT PRACTICES ACROSS GLOBAL SUPPLY CHAIN” at Sansera Engineering Pvt. Ltd., Bommasandra, Bengaluru on 21st May 2015
- Delivered a technical talk on “Methods Time Measurement” and conducted lab sessions on MTM at Foremen Training Institute during 3rd - 4th April 2014.
- Delivered a technical talk on “Simulation Modeling” at Foremen Training Institute during 25th -26th June 2014
- Delivered a technical talk on “Methods Time Measurement” and conducted lab sessions on MTM at Foremen Training Institute during 3rd - 4th April 2014.

Responsibilities

GROW program for 1 year

- ❖ Was one of the ten participants for the GROW (Get Ready for Opportunities @ Work) Leadership Program, a truly transformative experience held at RV College of Engineering.
- ❖ Intensive training provided a comprehensive exploration of RVCE's intricate operations, covering diverse departments such as HR, Finance, Campus Facility Management – Estate & Facilities, Sports, Admission, Examination, R&D, IQAC, as well as meaningful interactions with Deans, Vice Principal, and Principal.
- ❖ RV Information Centre, engage with Media Communication at RSST
- ❖ Visited INFOSYS Mysore campus on 09/02/2023 as part of the GROW program. The program included campus visit, sessions on best practices and leadership.
- ❖ Visited KIIT Deemed University (ranked 20th in NIRF)
- ❖ Attended Leadership talk by Sri. T.R. Parasuraman, Toyota Industries Engine India Ltd
- ❖ Visited NMKRV College for Women, Jayanagar on 19.10.2022 as part of GROW program to understand their operations
- ❖ Attended Leadership program conducted by RSST at MineRVa Global Classroom during 5-6 October 2023

IQAC member (from the date of inception till 2021) -

- Involved in CEDLR activities
- Involved in collection and compilation of data for AQAR for 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
- Convenor for conducting IQAC Internal Meeting
- Involved in NAAC criteria 1 preparation at Institution level during 2023-24
- Worked as Institutional level Criteria -2 coordinator, involved in preparing SSR for NAAC assessment during 2018-19
- Involved in compilation and presentation of data during UGC Autonomous status visit during 2019-20
- Involved in compilation of data and presentation to expert committee during LIC visit during 2019-20

Contribution to Institutional Activities

Sl.No	Responsibility	Activities
1.	Associate Dean Involved in IUCEE activities	☐ Placement and Training ☐ Participant in Felder Brent Effective Teaching and Learning Series ☐ Assistant Faculty for IIECP program ☐ Organizer for RVCE - IUCEE Regional Symposium 2024 organized by IQAC, RVCE in association with IUCEE on 30th March 2024 ☐ Received Teaching and Learning Award from IUCEE during their 11 th International conference ICTIEE 2024 held at Hubli during 2 nd to 4 th Jan 2024 ☐ Received certification for the education program "IGIP Engineering Educator Program" offered from International Society for Engineering Pedagogy, Vienna
2.		☐ Editorial board member (Associate Editor) – JEET journal ☐ Completed IIEECP program during January 2023 ☐ Involved in conduction of Faculty empowerment programs at Institute level ☐ Completed IUCEE One year certificate online course on Engineering Education research conducted by IUCEE (Mar 19-Mar 20) ☐ Reviewer for their Annual conferences from past 8 years ☐ Participated in the leadership summit during July 2020 ☐ Completed course on Project Based learning ☐ Participated in several webinars conducted under the aegis of IUCEE ☐ Co-ordination work
3.	MTech Research Methodology Co-ordinator	
4.	Sports Committee member	Involved in sports activities and their smooth conduction
5.	Compliance team member	Providing departmental data to all compliance activities
6.	Observer for Paper Viewing process for Mechanical Engineering and Biotechnology Department.	Worked as observer for paper viewing process during 13-14 January 2020
7.	External member for VIII sem HSS evaluation of Chemical Department.	Evaluation of HSS activities of VII sem students during 2019-20 and 2020 - 21
8.	VTU, Autonomous and university paper setter and valuator	Involved in paper setting and valuation process for various autonomous institutions, VTU and University of Travancore Mtech Thesis Evaluator Lab Examiner for Autonomous Institutions

9.	Judge for Ideathon activity	Was a judge for Ideathon activity during Induction program of 1 st year students on 06/01/2020
10.	Faculty coordinator during 8 th mile and e Summit	Various event
11.	GRADUATION DAY	MoC, Stage committee, Worked in Gown, Hospitality committee during graduation day
12.	I Year Inauguration	Worked in Core Stage committee, Hospitality team for I year inauguration
13.	Interdepartmental research	One of the team members in Internet of Things Center of Excellence (Intelligent Transportation System)
14.	IIIE Member	Participate in the conference/workshop/seminar organized by Indian Institute of Industrial Engineering
15.	ISTE Member	Participate in the conference/workshop/seminar organized by Indian Society for Technical Education.
16.	Promotion of IEM Department at NMKRV college.	Provided orientation to II PUC students of NMKRV College, on 31 st October 2019 for the promotion of IEM Department.
17.	Spark batch	Involved in conduction of IASF project exhibition on 31 st January 2024

Contribution to Departmental Activities

Sl.No	Responsibility	Activities
1.	Program Coordinator	Involved in NBA activities
2.	Compliance team member	Involved in providing data of the department to all compliance activities
3.	Counsellor for Autonomous and VTU students	Counselling activities
4.	Statistics for Data Analysis, Simulation Modeling and Analysis Supply chain Management Lab, DWS, OM lab in-charge	Preparation of lab manuals. Development of new exercises for lab
5.	Scrutiny committee member for Continuous Internal Evaluation	Involved in scrutiny of CIE Question papers
6.	Conduction of PTM and Alumni Meet of the department	Involved in smooth conduction of both the activities
7.	Convenor for research committee	Motivating students to write technical papers and providing them information about various conferences, journals in IEM area
8.	BoS member	Involved in BoS Meeting and scheme and syllabus preparation
9.	BoE member	Scrutinizing SEE Question papers
10.	Department Placement Coordinator (2013-2016)	Co-ordinator for placement activities
11.	VIII sem Project Evaluation committee member	Convenor for VIII sem project work
11.	VI sem Minor project Evaluation committee member	
12.	Paper setter and evaluator for UG	Paper setting and evaluation

(Autonomous) and PG exams and for other autonomous Institutions and VTU colleges

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| 13. | Time table officer (2008-2011) | Scheduling timetables of classes and test |
| 14. | CIE committee member | Ensuring Smooth conduction of tests |
| 15. | Staff meetings convener (2012-2015) | Scheduling and conducting meeting, drafting the Minutes and action taken report |
| | Associate Editor of Departmental | Associate Editor of Departmental Monthly |
| 16. | Monthly Magazine – The Management | Magazine – The Management |

External Connect

- Member of BoS / BoE / Academic Council / Governing Body etc