

BIODATA

A.)	Name	R.Kaja Bantha Navas
B.)	Institution with Full Address	<p>Founder – Helios Innovation Pvt Limited, Chennai Assistant Professor School of Mechanical Engineering Sathyabama Institute of Science and Technology Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119. Tamilnadu, INDIA. Sumai244@gmail.com, kaja.aero@sathyabama.ac.in 91-9952699572</p>
C.)	<p>Career Profile:</p> <ul style="list-style-type: none"> ○ 10 Patents (Published) and 25 Industrial Design Patents Granted ○ CMI Level 5 Certified Profession for Change Management -Project funded by AICTE UK India Education and Research Initiative (UKIERI) Technical Leadership Development Program . ○ Founder – Helios Innovation Pvt Limited, Chennai ○ Change of Mentor, ATAL Thinkering Labs, Atal innovation Mission NITI Aayog, Govt of India (Government of India’s flagship programme). ○ Member, CDIO Council ○ Advisory Board Member, Centre for Innovation and Design Thinking, Muthayammal Engineering College (An Autonomous Institution), Tamilnadu ○ IPR Expert and Member Institute Innovation Council, Aarupadai Veedu Institute of Technology (AVIT), Chennai ○ Members of Sathyabamas’ Institute Innovation and Start-Up policy Implementation team https://www.sathyabama.ac.in/startup_ecosystem ○ International Certificated for WIPO-India Summer School- 2021, WIPO Academy, Geneva, Switzerland ○ Received Global Engineer Leadership Scholarship for Summer Research School, National Tsing Hua University, Taiwan (Taiwan Visit April 2020 – July 2020) ○ Received fund from Council of Scientific Research, Govt of India, Foreign Financial Assistance Scheme Funded) Ref No : PFA/2452/18-HRD – Dec. 04,2018. (Thailand Visit December, 2018) ○ Inspecting Authority (Schools) ,Maulana Azad Educational Trust, Ministry of Minority Affairs, Government of India ○ Authors of Book - Rural Management Business Analytics ISBN: 978-93-89431-24-7, Mahatma Gandhi National Council of Rural Education (MGNCRE), MHRD, Govt of India. https://www.mgncre.org/pdf/publication/FINAL%20106%20BA1.pdf (Appreciation Received from MHRD) ○ Framed and Executed 10 hrs Design Thinking and Innovations Courses for Andhra Pradesh State Skill Development Cooperation, Department of Skill and Training, Govt of Andrapradesh. 	

<ul style="list-style-type: none"> Delivered More than 50 talk relevant to Design Thinking, IPRs and Patents Listed our talk link https://www.youtube.com/watch?v=lj8Nb8nDEzY&ab_channel=VELAMMALITECHMECHANICAL https://www.youtube.com/watch?v=S9F5a16q09g&ab_channel=AVIT

Academic Career:

S. No	Institution	Degree Awarded	Year	Field of Study
1	Thiagarajar College of Engineering	M.E	2007	Industrial Engineering
2	Govt College of Engineering	B.E	2004	Mechanical Engineering

Professional Career:

S. No	Institution	Position	From (Date)	To (Date)
1	Sathyabama Institute of Science and Technology	Assistant Professor	12.06.2012	Till Date
2	BGR Energy System Limited, Chennai	Design Engineer (System)	14.4.2008	01.10.2011

Publication – Listed

- Kaja Bantha Navas, Palaninatha Raja, Sharmila Parveen, John Rajan, ***Six Sigma in Healthcare: A Case Study on COVID Patient Satisfaction***, international Journal of Lean Six Sigma, Emerald, <https://doi.org/10.1108/IJLSS-11-2020-0189> (WOS)
- R.Kaja Bantha Navas, Dr Sasipraba, Dr.S.Prakash "***Artificial Neural Network based computing model for wind speed prediction: A case study of Coimbatore, Tamil Nadu, India***", Physica A: Statistical Mechanics and its Applications Journal, Elsevier, Vol.542, No.123383, Vol.542, No.123383, 2020. (WOS)
- Kaja Bantha Navas, Dr S Prakash, Dr A John Rajan, Dr Arunachalam, ***Total Quality Management : A Framework for Quality Improvement in Indian Manufacturing Small and Medium Enterprises***, IEEE International Conference on Industrial Engineering and Engineering Management, Bangkok, Thailand, Dec 16-20, 2018. (Council of Scientific Research, Govt of India, Foreign Financial Assistance Scheme Funded) Ref No : PFA/2452/18-HRD – Dec. 04,2018.
- Kaja Bantha Navas R., T Sasipraba., Project Management Application for Engineering CDIO Process in Asia, 17th CDIO Conference, 2021, Thailand**
- R.Kaja Bantha Navas**, "National Institutional Ranking Framework (NIRF) 2019: Scientometric and Patentometric Analysis of Engineering Educational Institutions Research Outcome in Tamil Nadu", ***International Summit on Quality Indices in Higher education***, Delhi Technological university, New Delhi (Nov, 2020)
- R.Kaja Bantha Navas**, A Novel Ultra Short Term Forecasting Intelligence System based on Hybrid Neural Network, India Young Scientist Conference, International Science Festival (IISF 2020), DST, Govt of India (Dec, 2020)
- R.Kaja Bantha Navas**, T.Sasipraba, "National Institutional Ranking Framework (NIRF) 2019: Scientometric and Patentometric Analysis of Engineering Educational Institutions Research Outcome in Tamil Nadu", ***International Summit on Quality Indices in Higher education***, Delhi Technological university, New Delhi (Nov, 2020)

8. T Sasipraba., **Kaja Bantha Navas R.**, Prakash S., et al., "***Assessment Tools and Rubrics for Evaluating the Capstone Projects***" Procedia Computer Science, Vol. 172, 2020, pp. 296-301.
9. **Kaja Bantha Navas R.**, T Sasipraba., Prakash S., "***Excellence in Creativity to Industrial Design Projects through IPRs***", FICCI higher Education Summit, Vigyan Bhawan, New Delhi. Nov 27 – 29, 2019. (Poster Presentation)