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PRIYA ANISH MATHEWS

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EXPERIENCE IN BRIEF

17 years of experience as a Scientist in the Metallurgical and Material science domain with areas of expertise in technology acquisition and transfer activities in Intellectual Property rights, Patent Analytics, Patent Portfolio Management, Project Management, Agreements, Industrial collaborations and International cooperation. She has been certified as an Indian Patent Agent (Registration no. IN/PA-4410) by The Patent Office, Government of India. Generated over 250 Patent Analytical reports for securing Intellectual Property rights for innovations and inventions, providing Technology insights for R& D planning and Market research. Works on Intellectual Property Portfolio management, patent prosecution and streamlining of the process to make it more efficient and effective. Contributed to over 45 Agreements and MoUs related to Technology and Know-how development, demonstration and transfer-related for forging collaborations with national and multinational organizations, Industry, R&D Centres and academia. Conceptualized and facilitated the execution of the project management system in ARCI for effective monitoring of Sponsored projects. Managed multinational project accounts and liaised between industry affiliates and R&D centres for the execution of multiple projects and ensured collaborative working relationships. Developed over 250 performance reports for presenting the S&T achievements and progress of the Organization to the stakeholders.

PROFESSIONAL DETAILS

Dec 2006-Till Date at ARCI, Hyderabad as Scientist B/C/D/E

ACADEMIA

- **Certified Indian Patent Agent** by Patent Office, Govt. of India: **Registration No. IN/ PA 4410, 2022**
- **Master of Science (M.S) in Mechanical Engineering, Louisiana State University (LSU), USA** in 2005.
- **PG Diploma in Cyber Law and Intellectual Property Rights**, University of Hyderabad, **UoH (Central University), Hyderabad** in 2009
- **Bachelor of Technology (B-Tech) in Metallurgical Engineering** from Jawaharlal Nehru Technology University (JNTU) College of Engineering, **Hyderabad** in 2002.

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OTHER CURRENT ORGANIZATIONAL RESPONSIBILITIES

- **Member Secretary:** *Internal Complaints Committee (ICC)*, ARCI, Hyderabad - constituted under Section 4(1) of the 'The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013'; *Tenure 2021-22 to 2023-24*
- **Member :** *Media Cell* for Dissemination and Publication of Science News Material in Media (2020-2022)
- **Associated with the** Committee for the recommendation of **Appointment on Compassionate Grounds**
- **Member:** Assessment committee for **examination of work done in official language** 2021 & 2022 etc
- **Member:** *Committee for Medical Insurance to the Retired Regular Employees, 2022*
- **Steering Committee Member** for Identification and Implementation of ERP Solutions
- **Member :** Welfare Committee (2019-2023)

CURRENT ASSOCIATIONS / SOCIETIES / CONFERENCES

- **Vice President:** ARCI Employees Co-Operative Thrift and Credit Society; *Tenure 07/06/2019-06/06/2023*
- **Technical Committee Member:** International Conference on Innovations in Engineering and Technology (ICIET 2022), Golden Jubilee Celebrations of Jawaharlal Nehru Technological University (JNTU), Hyderabad., September 15-17, 2022
- **Life Member:** *Indian Women Scientists Association (IWSA), Hyderabad Branch, (IWSAH-19-091) since 2019*
- **Life Member:** *Administrative Staff College of India (ASCI) Association, Hyderabad. (Membership No 32526) since 2008*

PUBLICATIONS / LECTURES/ PRESENTATIONS

- **Book Chapter** on '*Patent Trends in Additive Manufacturing of Ceramic Materials*', **Priya Anish Mathews**, K. Swati, Sanjay Bhardwaj, Papiya Biswas, Roy Johnson and Gadhe Padmanabham in the **Handbook of Advanced Ceramics and Composites, Springer ISBN: 978-3-030-16347-1**, p 319-354, 2020
- **Priya Anish Mathews**, Sanjay Bhardwaj, Gadhe Padmanabham, D. Srinivasa Rao, '*Patent Trends of Detonation Spray Coating Technology*', **Journal: Recent Patents in Mechanical Engineering, Vol. 9, p 09-19, 2016**
- **Priya Anish Mathews**, K.R.C. Somaraju, Sanjay Bhardwaj, Raghavan Subasri, '*Sol-gel Functional Coatings for Solar Thermal Applications: A Review of Recent Patent Literature*', **Journal: Recent Patents on Materials Science, Vol. 06, p 195-213, 2013**
- **Priya Anish Mathews**, Swati Koonisetty, Sanjay Bhardwaj, S.Sakthivel, G.Padmanabham, '*Protective Materials and Coatings for Solar Energy Devices: A Patent Roundup*'

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Proceedings of International Conference on Recent Technologies and Advanced Materials for Green Energy and Sustainable Environment (**RTAMGESE 2021**), NIT Tiruchirappalli , March 12-13, 2021, *ISBN:978-93-5457-143-5, p 57-61, 2021*

- **Priya Anish Mathews**, Swati Koonisetty, Sanjay Bhardwaj, '*Smart Self-healing Textiles: Analyzing Research Trends*', in the **Book of Abstracts** of International Conference on Advances in Chemical & Materials Sciences (**ACMS 2022**)-IChE Celebrating Platinum Jubilee Year – 2022, Abstract ID: MSE-OP-214B), ACMS 2022.
- **Priya David**, E. I. Meletis, '*Structural and Magnetic Property Characterization of Pt/Co Multilayer Films*', **Proceedings of the ASME 2005 International Mechanical Engineering Congress and Exposition. Aerospace. Orlando, Florida, USA.** November 5–11, p 497-502. 2005.
- **Priya David** and E.I. Meletis , '*Material Property Characterization of Cobalt Platinum Thin Films*', **4th Annual ME Graduate Student Conference, Louisiana State University, USA.** April 09, p 29-30, 2005

Other Technical Articles:

- K. Swati, **Priya Anish Mathews** and Sanjay Bhardwaj, "Copyright: Introduction, rights and ownership", SRUJAN – ARCI Hindi Magazine: Vol. 4 & 5, p. 17-19, 2020-21 & 2021-22
- K. Swati, **Priya Anish Mathews** and Sanjay Bhardwaj, "National Biodiversity Authority and Patents: A brief Overview", SRUJAN – ARCI Hindi Magazine Vol. 3 p 16-17, 2021
- K. Swati, **Priya Anish Mathews** and Sanjay Bhardwaj, "Intellectual Property Rights", SRUJAN – ARCI Hindi Magazine, Vol. 2, p 16-17, 2020
- Sanjay Abharwaj, G. Padmanabham, A. Seetharaman, **Priya Anish Mathews**, "Developing R&D Roadmaps for Upscaling of Technologies", p 58, ARCI annual report 2020-21
- **Priya Anish Mathews**, Sanjay Bhardwaj, "Linking Intellectual Property, Prior Art Search and Analysis to the Technology Upscaling Process", p 59, ARCI Annual report 2020-21
- **Priya Anish Mathews**, K. Swati, "Securing Patent Protection in Foreign Territories", p 87, ARCI Annual report 2019-2020
- Y. Desta, P. Datta, J. Goettert, Y. Jin, ZG Ling, V. Singh, D Yemane, **Priya David**, F. Dawn, C. Stockehofe and F. Xian ' MEMS/ LIGA Services at CAMD', p 181-187, 2004 Annual Report of Centre for Advanced Microstructures and Devices (CAMD), USA.

Contribution through Patent Analytics to publications

- Patents Round-Up: Status of Carbon Nanotube Composites- Patent Analysis, Nanotech Insights-Magazine, Vol.1 Issue 1, p-17-18, January 2010
- Corrosion Protection and Self-Healing by Sol-gel Process: A review of Recent Patent Literature' Recent Patents in Corrosion Science, Vol. 2, p 148-163, 2012

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Lectures and Presentations

- Delivered an Azadi ka Amrit Mahotsav (AKAM) lecture on “Idea to IPR: Think, Create, Innovate and Protect“ at Maturi Venkata Subba Roa (MVSR) Engineering College, Hyderabad on October 14, 2022, organized by Intellectual Property Rights Cell, MVSR and Azadi ka Amrit Mahotsav Celebration Committee ARCI
- Delivered an AKAM lecture on “Importance of Protecting Intellectual Property Rights“ at the St. Francis College for Women, Hyderabad on September 29, 2022
- Oral Paper presentation on “Protective Materials and Coatings for Solar Energy Devices” at the ‘International Conference on Recent Technologies and Advanced Materials for Green Energy and Sustainable Environment (RTAMGESE 2021)’, organized online by NIT, Tiruchirappalli, during March 12-13, 2021
- Delivered a lecture on “Introduction to Intellectual Property Rights - Patents” to ARCI Chennai on June 23, 2017