



Brief Profile

Personal Information

Name: Dr. Mani Karthik

Address: International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Balapur, Hyderabad-500005, Telangana, India.

Current Position: Senior Scientist (Scientist 'E')

Patents: Filed 7 patents (1 granted and 6 published)

- Mani Karthik, Abdessamad Faik and Stefania Doppiu, "Process for the preparation of hierarchically meso and macroporous structured materials", EP2909134 (A1), Published in 2015.08.26. Patent Granted No. EP2909134 (B1)- 10.05.2017.
- Mani Karthik, "Process for the preparation of flexible meso and macroporous carbon foams, EP2921468 (A1), Published in 2015.09.23.
- Mani Karthik, Abdessamad Faik and Stefania Doppiu, "Process for the preparation of hierarchically meso and macroporous structured materials", WO2014060508 (A1), Published in 2014.04.24.
- Mani Karthik, Abdessamad Faik and Stefania Doppiu, "Process for the preparation of hierarchically meso and macroporous structured materials", US2015284252 (A1), Published in 2015.10.08.
- Mani Karthik, Abdessamad Faik and Stefania Doppiu, "Process for the preparation of hierarchically meso and macroporous structured materials", IN4202DEN2015 (A1), Published in 2015.10.16.
- Mani Karthik, Abdessamad Faik and Bruno D'Aguanno, "Preparation process for enhancing the specific heat capacity of alkali metal salts by addition of nanoporous materials", European Patent application no. P135450EP00. 2016.

Biography

Dr. Mani Karthik is working as a **Senior Scientist (Scientist 'E')** in Centre for Nanomaterials, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), India. He also has worked at different companies or organizations located in South Korea, Taiwan, Italy and Spain. He has received **research fellowships** from University of Torino (Italy), National Science Council (NSC), NCTU (Taiwan), KAIST (South Korea), UGC (India), DAEBRNS (India). Indian Embassy in South Korea selected him as one of the best Indian scientists for scientific interaction with Hon'ble Dr. A.P.J. Abdul Kalam, Fr. President of India during president visit at Seoul, South Korea.

Publications

Journal Publications: **>50**

Books/Book Chapters: **01**

Conferences/Seminars

Total no. of conference/seminars/workshops attended/presented/chaired: **>30**

Editorial Board Memberships

Reviewer/Editor/Editorial Board Member: **>05**