

RESUME



Name : Karthikeyan K
Designation : Teaching Fellow
Date of Birth : 11.07.1996
Permanent Contact Address : 4/364, Kovil Vazhi, Dharapuram road
Muthanampalayam
Tiruppur 641 606
Tel : 044 22359184
Mob : +91 9994 905 905
E-mail : karthiken96@gmail.com

Academic Qualification

| Course | Educational Institution | Class | Year of Passing |
|--------------------------------------|-------------------------|------------------------------|-----------------|
| Ph. D Ceramic Technology | Anna University | - | Ongoing |
| M. Tech Ceramic Technology | Anna University | First Class with Distinction | 2019 |
| B. Tech Ceramic Technology | Anna University | First | |

Areas of Interest/Research

- Thermal Barrier Coatings
- 3D Printing
- Structural Ceramics
- Refractories

Academic Experience

| S.No. | Designation | Institution / University | Duration |
|-------|-----------------|---|----------------------------|
| 1. | Teaching Fellow | Department of Ceramic Technology, A.C.College of Technology, Anna University, Chennai – 600 025 | 29.08.2019 to Till date |

Funded Research Projects

| Funding Agency | Title of the Project | Amount | Ongoing/ Completed |
|------------------------------------|---|---------------|-------------------------------|
| CTDT Anna University Chennai | Development of Ceramic Carbon Resistors for high voltage circuit breakers | 25,000/- | Completed |

LIST OF PUBLICATIONS

International / National Journals: NA

International / National Conference/Seminars/Symposium

1. **Karthikeyan K**, Thenmuhil D, “Floatable Rice Husk Balls To Minimize Evaporation and Enhance Water Purification”, International Conference on Ceramic & advanced Materials for Energy and Environment - 79th Annual session of the Indian Ceramic Society, 15th – 17th December 2015, Bengaluru
2. **Karthikeyan K**, “Cost effective refractory bricks for Transition zone in Cement Rotary Kiln with improved properties”, CGCRI – WUST Post Graduate Seminar on Refractories, 3rd – 5th April 2019, CSIR-CGCRI, Kolkata

Publication Details: (Provide only the count)

| Category | Conferences | Journals |
|-----------------|--------------------|-----------------|
| National | - | - |
| International | 1 | - |

Ph D / MS / M Tech / B. Tech Guidance

Ph. D Supervisor Registration Number: NA

M Tech / B. Tech Guidance

| Category | Completed | Ongoing |
|-----------------|------------------|----------------|
| M. Tech | - | - |
| B. Tech | - | - |

Awards and Recognitions: NA**Academic Responsibilities**

- Lab Modernization

Workshops / Seminar / Short term Courses / FDP Organized: NA**Workshops / Seminar / Short term Courses / FDP Attended**

| S. No | Name of the Event | Duration | Organized by |
|-------|--|-------------------------------|---|
| 1. | Online – Feasibility of 3D Printing Assisted Casting for Customised Medical Metallic Implant | 29.07.2021 | Institute of Indian Foundrymen, Bangalore Chapter |
| 2. | Online – Metallurgical Failure Analysis | 26.03.2021 | Amal Jyothi College of Engineering, Kottayam |
| 3. | STTP on “Intellectual Property for Engineers& Scientists” – Phase 3 | 14.12.2020 – 19.12.2020 | CMR Institute of Technology, Karnataka |
| 4. | FDP on “Digital Technologies in Design and Smart Manufacturing” | 07.12.2020 – 12.12.2020 | SNIST, Hyderabad |
| 5. | STTP on “Intellectual Property for Engineers& Scientists” – Phase 2 | 23.11.2020 – 28.11.2020 | CMR Institute of Technology, Karnataka |
| 6. | FDP on “3D Printing and Design” | 14.09.2020 – 18.09.2020 | ATAL, AICTE |
| 7. | STTP on “Advances in Additive Manufacturing” | 24.08.2020 – 29.08.2020 | Yeshwantrao Chavan College of Engineering, Nagpur |
| 8. | FDP on “ Hands – on Training to write a quality research article using Latex” | 20.07.2020 – 21.07.2020 | Magestictechnology Solutions Pvt. Ltd. |

| | | | |
|-----|--|-------------------------------|--|
| 9. | Two Weeks FDP on “Advanced Concepts for Developing MOOCs” | 02.07.2020 – 17.07.2020 | Teaching Learning Centre, Ramanujan College, University of Delhi |
| 10. | Online – Institution – Industry Interaction for career Development | 17.07.2020 | Arasu Engineering College, Thanjavur |
| 11. | Online - Advances in the synthesis of Bio polymer-Ceramic Composites for Biological Applications | 10.07.2020 | Saveetha Engineering College |
| 12. | Online FDP “Advanced Manufacturing Technology” | 28.06.2020 – 04.07.2020 | Karpagam College of Engineering, Coimbatore |
| 13. | Online - Modern Materials and Industrial Automation | 20.06.2020 – 25.06.2020 | Sri Sai Ram Institute of Technology, Chennai |
| 14. | Online - Recent Research and Development in Additive Manufacturing | 25.06.2020 | Amal Jyothi College of Engineering, Kottayam |
| 15. | Online - Basic Author Workshop Research Article Writing & Reference Management using Mendeley | 22.06.2020 | Annamalai University |
| 16. | Online STTP on “Recent Advances in Smart Manufacturing Technologies” | 15.06.2020 – 19.06.2020 | Padm. Dr. V.B. Kolte College of Engineering, Buldana |
| 17. | Online Teaching – learning and Online assessment demo | 19.06.2020 | InPods Ed-tech |
| 18. | Online - Additive Manufacturing for bioimplant manufacturing and it’s Challenges | 13.06.2020 | Arasu Engineering College, Thanjavur |

| | | | |
|-----|---|-------------------------|---|
| 19. | Online - Biomedical Technologies & Product Development Cycle Challenges and opportunities | 13.06.2020 | MSAJCE, Chennai |
| 20. | Online FDP on “Protecting you in Cyberspace” | 1.06.2020 – 03.06.2020 | Pillai College of Engineering, New Panvel |
| 21. | Online - Piezoelectric based energy Harvesting Techniques | 03.06.2020 | MSAJCE, Chennai |
| 22. | Online FDP on “Research Methodology” | 26.05.2020 – 30.05.2020 | Padm. Dr. V.B. Kolte College of Engineering, Buldana |
| 23. | One day Awareness Workshop on Intellectual Property Rights – 2019 (IPR - 2019) | 27.09.2019 | CIPR, Anna University, Chennai |
| 24. | One day National Workshop on e-Learning and MOOCs in Higher Education | 14.09.2019 | Guru Angad Dev Teaching Learning Centre of MHRD, Delhi and Anna University, Chennai |

Countries visited: NA

Membership, Committees, Boards etc: NA

Other Interest: NA