

Name	Dr. B.Murugesan			
Designation & Department	Professor & Head- Chemistry			
Qualification	M.Sc., M.Phil., Ph.D., MISTE.,			
Area of Specialization	Chemistry			
Date of Joining (KSR IET)	04.06.2012			
Experience (as on 01.06.2020)	Teaching: 9 years 5 months	Industry:12 years 6 months	Others: 00	
Number of Papers Published	National Journals : 00		International Journals	06
Number of Papers Presented	National Conferences : 01		International Conferences :	00
Books Published	National Publisher : 00		International publisher	00
Contact Details	E Mail: rbmurrugesan@gmail.com		Mobile:9486152591	

#### **Publications (International Journals) : 6**

- **B. Murugesan**, A. Sivakumar, A. Loganathan and P.Sivakumar, Synthesis and photocatalytic studies of lanthanum oxide doped nano carbon hollow spheres, Journal of the Taiwan Institute of Chemical Engineers, 71, 2016, 364-372.doi:10.1016/j.jtice.2016.11.020.(**Impact factor : 5.876**)
- A. Sivakumar, **B. Murugesan**, A. Loganathan and P.Sivakumar, A review on decolourisation of dyes by photodegradation using various bismuth catalysts, Journal of the Taiwan Institute of Chemical Engineers, 45, 2014, 2300-2306.doi:10.1016/j.jtice.2014.07.003. (**Impact factor : 5.876**)
- A. Sivakumar, **B. Murugesan**, A. Loganathan and P.Sivakumar, Synthesis of ZnO nano

wire and ZnO/CeO<sub>2</sub> solid solution nano wire by bio-morphing and its characterization, Journal of the Taiwan Institute of Chemical Engineers, 78, 2017, 462–470.doi:10.1016/j.jtice.2017.05.030. **(Impact factor : 5.876)**

- Loganathan, A. Sivakumar, **B. Murugesan** and P.Sivakumar, Solar Light Active Ceo2/rGo Hybrid Photocatalyst for Direct Violet 51 degradation, Rasayan Journal of Chemistry, Vol.12,No.4, 1710-1724, 2019. **(Impact factor : 1.23)**
- Loganathan, **B. Murugesan**, A. Sivakumar and P.Sivakumar, Acid Red 88 Dye Degradation by Green Synthesized CeO2/rGO Nanohybrid Photocatalyst under Solar Light, Indian Journal Of Environmental Protection, Vol.40, No.5, 518-526, 2020. **(Impact factor : 0.25)**
- Loganathan, A. Sivakumar, B. Murugesan and P.Sivakumar, Green Synthesis and Applications of Nano CeO2/rGO Solar Active Photocatalyst for the Degradation of Basic Auramine-O Dye, Asian Journal of Chemistry, Vol 32, No.3, 528-538, 2020. **(Impact factor : 0.535)**

**Publications (National Journals):Nil**

**Publications (International Conferences):Nil**

**Publications (National Conferences): 1**

1. **B. Murugesan**, A. Sivakumar, A. Loganathan, P. Sivakumar, *Novel synthesis of various nano sized bismuth compounds and their impact on photocatalytic performances – A Review*, MoES Sponsored National conference on “Recent advances in Nanotechnology, Chemistry and Environmental Research (RANCER 2014)” held on 11<sup>th</sup> and 12<sup>th</sup> December 2014, organized by Department of Chemistry, Kongu Engineering College, Perundurai.

**Books /Instruction materials/monographs published**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	NIL			

### **Funded Research Projects**

<b>S.No</b>	<b>Title of the Project</b>	<b>Name of the Funding Agency</b>	<b>Amount Sanctioned (Rs.)</b>	<b>Role</b>
<b>1.</b>	NIL			

### **Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

<b>S. No.</b>	<b>Date</b>		<b>Topic / Title</b>	<b>Funding agency and Amount Sanctioned</b>
	<b>From</b>	<b>To</b>		
<b>1.</b>			NIL	

### **Consultancy Activities (Industry)**

<b>S.No</b>	<b>Title of the Project</b>	<b>Name of the Company</b>
<b>1.</b>	NIL	

### **Training Offered**

NIL

### **Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member**

### **Subject Links**

NIL