

CURRICULUM VITAE

Name: Angshuman Santra

Nationality: Indian

Designation: State Aided College Teacher



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Academic results

Examination / Course	University/ Broad	Passing year	Division
Secondary Examination	West Bengal Board of Secondary Education	2008	1st Class
Higher secondary Examination	West Bengal Council of Higher Secondary Education	2010	1st Class
B Sc in Industrial Chemistry	Ramakrishna Mission Vidyamandira under Calcutta university	2013	1st Class
M Sc in Applied Chemistry	Ramakrishna Mission Vidyamandira under Calcutta university	2015	1st Class
M Tech in Ceramic Technology	Govt. College of Engineering & Ceramic Technology	2017	1st Class
Ph. D in Applied Chemistry	Ramakrishna Mission Vidyamandira under Calcutta university	From 2017 to continuing	

Achievements & Awards

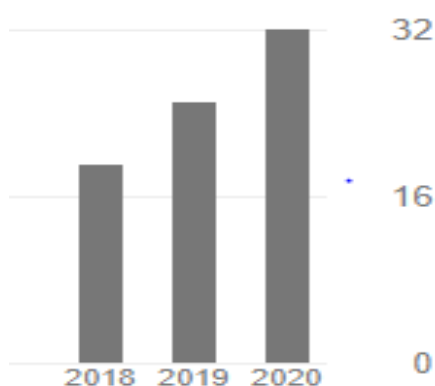
- Gate Rank (in Engineering Science)-142 (all India) in 2015
- IRMA cash award for M Tech project
- CSIR SRF (Direct)

Field of Specializations:

- Ceramic Technology
- Applied Chemistry
- Materials Chemistry
- Polymer Chemistry

Research Experience

Total citation: 79 (h-index- 4 & i-10 index-2)



Patent filed: 02

1. "A PORTABLE DEVICE TO DETERMINE CONCENTRATION AND ABSORPTION PATTERN OF COLORED SAMPLE."
2. "METHOD FOR REMOVAL OF TOXIC CHROMIUM (VI) USING THE COBALT PHTHALOCYANINE / REDUCED GRAPHENE OXIDE NANOCOMPOSITE"

Publication: 10

1. "Calcination Temperature-Dependent Structural and Photoluminescence Properties of Hydroxyapatite Derived from Labeo Rohita Fish Scales" (Journal of The Institution of Engineers (India): Series D: Springer India, 2020)

2. "Controlling the mechanoadaptive properties of hydrogenated nitrile rubber by the incorporation of cementitious based industrial waste for downhole application"(Polymer Composites, 2020)
3. "Europium-doped g-C₃N₄: An efficient remover of textile dyes from water" (Semiconductor Science and Technology, 2020)
4. "Thermal stability, swelling and degradation behaviour of natural fibre-based hybrid polymer composites" (Cellulose, 2019)
5. "Enhancement of radiative transitions in Sm³⁺ activated CaTiO₃ nanophosphor by modulating co-activator concentration" (Journal of Materials Science: Materials in Electronics, 2019)
6. "Cost effective and wireless portable device for estimation of hexavalent Chromium, Fluoride and Iron in drinking water" (*Anal. Chem.*, pubs.acs.org on October 4, 2018)
7. "Efficiency evaluation of arsenic (III) adsorption of novel graphene oxide and iron-aluminium oxide composite for the contaminated water purification" (Separation and Purification Technology Volume 197, 31 May 2018, Pages 388-400)
8. "Graphene wrapped Copper Phthalocyanine nanotube: Enhanced photo catalytic activity for industrial waste water treatment". *Applied Surface Science* 2017 418, 156-162 (j.apsusc.2017.01.222)
9. "Photoluminescence Study in Solution Driven Carbon Quantum Dot". (*Journal of Basic and Applied Engineering Research* Print ISSN: 2350-0077; Online ISSN: 2350-0255; Volume 2, Number 15; April-June, 2015)
10. "Emerging Tunable Fluorescence in Nitrogen Doped Carbon Quantum Dot". (*Journal of Material Science and Mechanical Engineering (JMSME)* Print ISSN: 2393-9095; Online ISSN: 2393-9109; Volume 2, Number 10; April-June, 2015)

Special activities

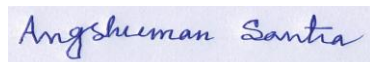
1. Participate in district level Science competition at R K M Vidyamandira, Kolkata.
2. Participate in International conference on Material Science at Delhi.
3. Participate in national conference on material science at R K M Vidyamandira, Kolkata.
4. Participate in International conference on material science at SRM University, Chennai.

Computer skills

- Technically proficient in Microsoft Word, Excel & PowerPoint, Origin etc.

Language known

1. English
2. Bengali
3. Hindi



Signature