

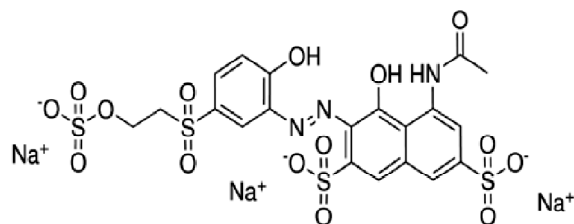


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**Decolourisation of dye and removal of COD from textile wastewater using biodegradation method**

Barnali Mandal

pp. 1336-1341



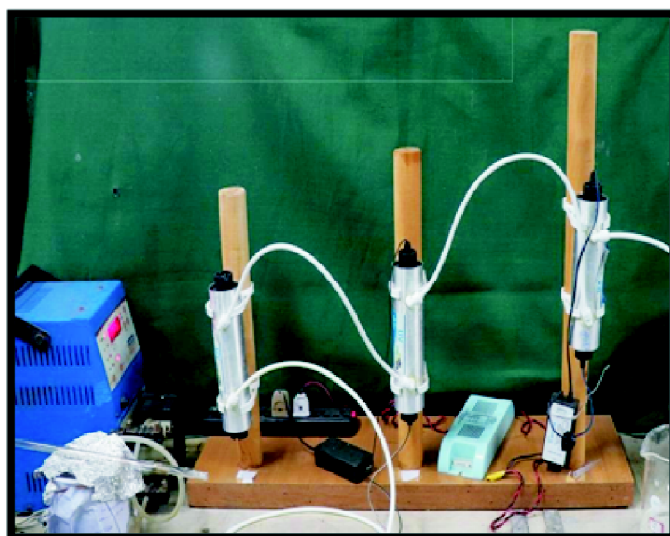
Chemical structure of dye Remazol Brilliant Blue R (CAS: 70616-89-1)

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**Treatment of laundry wastewater by UVC-based advanced oxidation process – A case study**

Deepjyoti Das, Najmul Haque Barbhuiy, Bijoli Mondal and Asok Adak

pp. 1342-1346



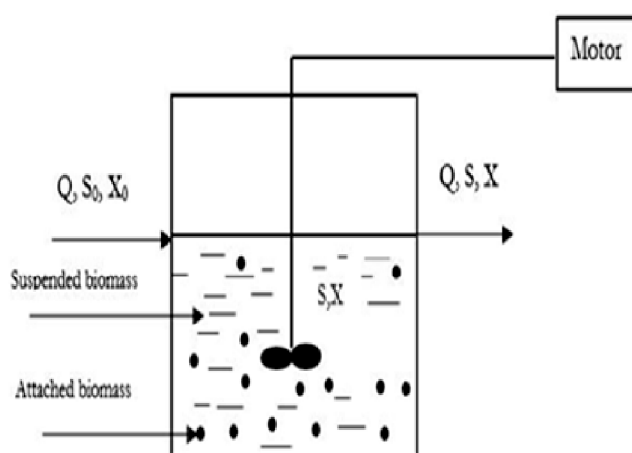
UV cartridges for AOP reactor in series arrangement

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**Sensitivity study on moving bed hybrid bio-reactor (MBHBR) system treating composite chrome tannery wastewater**

Supriyo Goswami and Debabrata Mazumder

pp. 1347-1353



Schematic diagram of MBHBR system

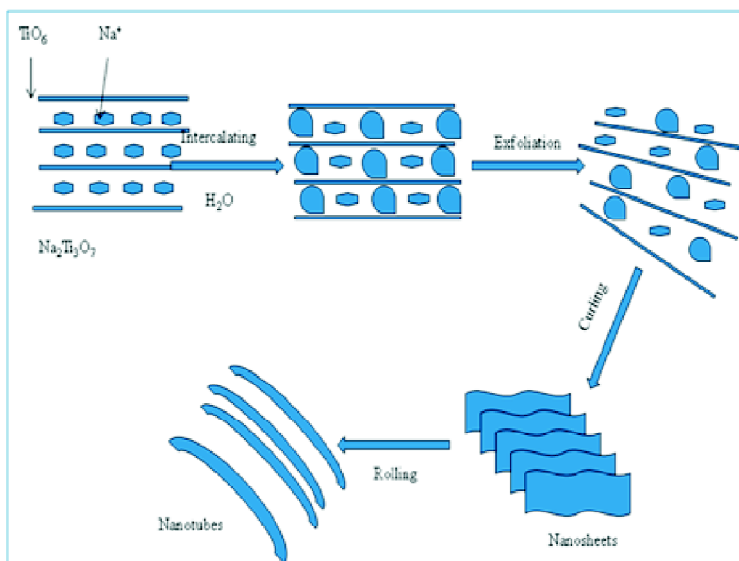
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**Photo-adsorption/degradation of methylene blue from wastewater on synthesized TNTs surfaces**

Saismrutiranjana Mohanty and Sanjoy Kumar Maji

pp. 1354-1360



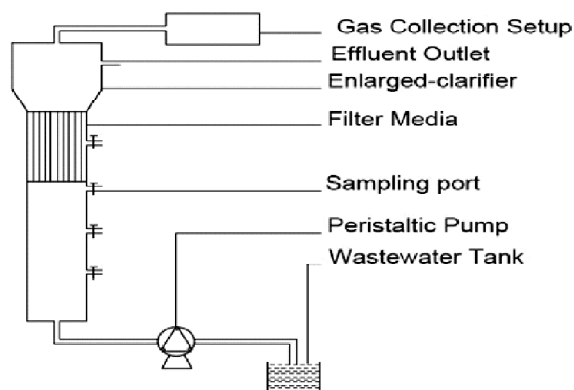
Schematic diagrams for the synthesis of TNT

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**Treatability study of synthetic slaughterhouse wastewater using enhanced clarifier hybrid UASB reactor**

R. Loganath and Debabrata Mazumder

pp. 1361-1369



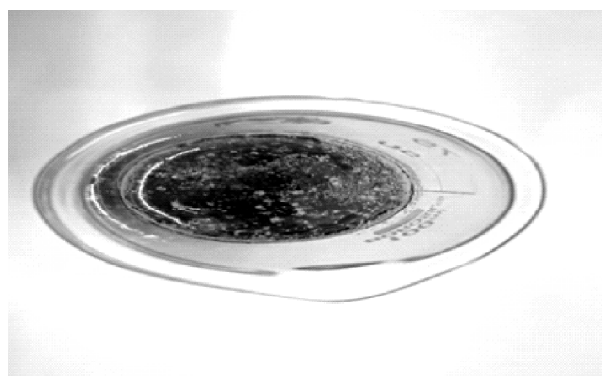
Schematic representation of EC-HUASB reactor

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**Degradation of various azo dyes by the help of nZVI immobilized in agarose membrane**

Avik De, Raju Mudi, Tanima Nandi and Sandip Halder

pp. 1370-1374



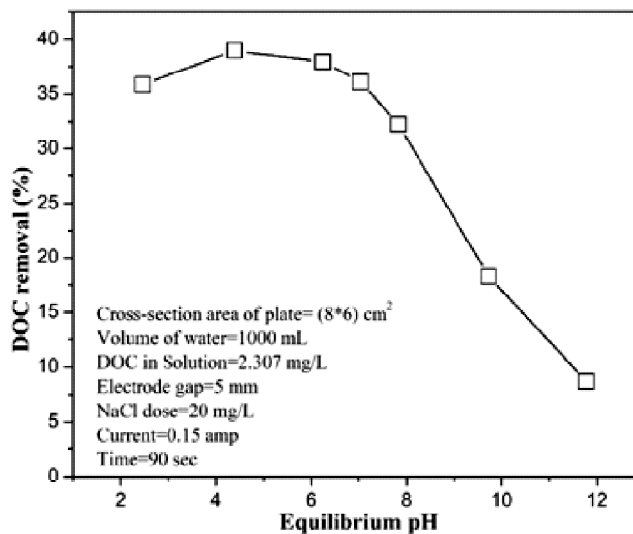
nZVI particles immobilized on Agarose membrane

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**Removal of dissolved organic carbon by functional reduced graphene oxide from organic-rich water pre-treated by electrocoagulation**

Soumya Kanta Ray, Chanchal Majumder and Prosenjit Saha

pp. 1375-1384



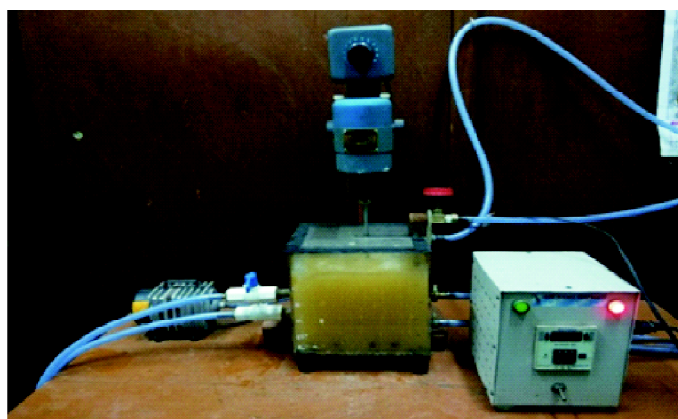
Relation between TOC removal (%) vs Equilibrium pH

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**Performance study of milk processing effluent treatment in a sequential batch reactor (SBR)**

Dipankar Raha, Pradyut Kundu and Somnath Mukherjee

pp. 1385-1390



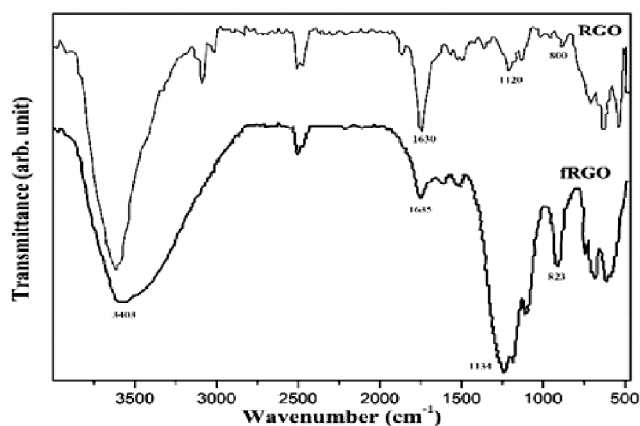
Laboratory scale Sequential Batch Reactor (SBR)

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**A comparative study on Cr(VI) removal by graphene oxide (GO) and functionalized reduced graphene oxide (fRGO)**

Spandan Ghosh, Soumya Kanta Ray and Chanchal Majumder

pp. 1391-1398



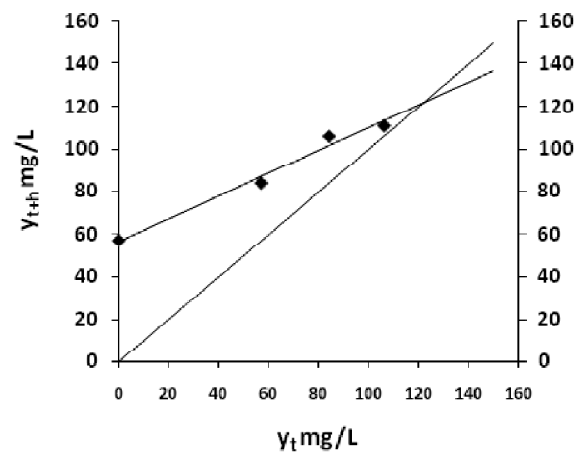
Fourier transform infrared spectroscopy (FTIR) of RGO and fRGO

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**Simplistic approach for evaluating the BOD rate constants**

Debabrata Mazumder and Soumyadeep Bhaduri

pp. 1399-1405



Determination of  $L_0$  and  $k$  by Fujimoto method

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