The work presented in this project entitled, "Low temperature synthesis of thermally stable BaWO₄:Yb³⁺:Ho³⁺ nanophosphors: Tuning visible emission by controlling activator ion concentration" is the resultof original investigation carried out by Mr. Arnab Kumar Dey at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Low temperature synthesis of thermally stable BaWO₄:Yb³⁺:Ho³⁺ nanophosphors: Tuning visible emission by controlling activator ion concentration" is the resultof original investigation carried out by Mr. Bibek Samanta at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Low temperature synthesis of thermally stable BaWO₄:Yb³⁺:Ho³⁺ nanophosphors: Tuning visible emission by controlling activator ion concentration" is the resultof original investigation carried out by Mr. **Preetam Bhaumik** at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Low temperature synthesis of thermally stable BaWO₄:Yb³⁺:Ho³⁺ nanophosphors: Tuning visible emission by controlling activator ion concentration" is the resultof original investigation carried out by Mr. Sumanta Manna at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Low temperature synthesis of thermally stable BaWO₄:Yb³⁺:Ho³⁺ nanophosphors: Tuning visible emission by controlling activator ion concentration" is the resultof original investigation carried out by Mr. Anupam Halder at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Strong reddish yellow emissions through upconversion of Yb³⁺: Er³⁺doped wire shaped Strontium Aluminate nanophosphor" is the resultof original investigation carried out by Mr. Sk Anish at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Strong reddish yellow emissions through upconversion of Yb³⁺: Er³⁺doped wire shaped Strontium Aluminate nanophosphor" is the resultof original investigation carried out by Mr. Jayanta Ghosh at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "**Strong reddish yellow emissions through upconversion of Yb**³⁺: **Er**³⁺**doped wire shaped Strontium Aluminate nanophosphor**" is the resultof original investigation carried out by **Mr. Ankoor Toppo** at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "**Strong reddish yellow emissions through upconversion of Yb**³⁺: **Er**³⁺**doped wire shaped Strontium Aluminate nanophosphor**" is the resultof original investigation carried out by **Mr. Arpan Nandi** at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "White light generation by novel $Yb^{3+}/Ho^{3+}/Tm^{3+}$ co-doped $SrWO_4$ nanophosphor" is the resultof original investigation carried out by Mr. Akash Ghosh at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghim

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "White light generation by novel $Yb^{3+}/Ho^{3+}/Tm^{3+}$ co-doped $SrWO_4$ nanophosphor" is the resultof original investigation carried out by Mr. Sandipan Bhattacharyya at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghim

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "White light generation by novel Yb³⁺/Ho³⁺/Tm³⁺co-doped SrWO₄ nanophosphor" is the resultof original investigation carried out by Mr. Buddhadeb Mandal at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghim

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "White light generation by novel Yb³⁺/Ho³⁺/Tm³⁺co-doped SrWO₄ nanophosphor" is the resultof original investigation carried out by Mr. Mriganka Bhattacharyya at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghim

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Multicolour tuning and perfect white emission from novel PbWO₄:Yb³⁺: Ho³⁺: Tm³⁺ nanophosphor" is the resultof original investigation carried out by Mr. Jotypriya Sarkar at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Multicolour tuning and perfect white emission from novel PbWO₄:Yb³⁺: Ho³⁺: Tm³⁺ nanophosphor" is the resultof original investigation carried out by Mr. Soumyadip mondal at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Multicolour tuning and perfect white emission from novel PbWO₄:Yb³⁺: Ho³⁺: Tm³⁺ nanophosphor" is the resultof original investigation carried out by Mr. Santu Panja at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Multicolour tuning and perfect white emission from novel PbWO₄:Yb³⁺: Ho³⁺: Tm³⁺ nanophosphor" is the resultof original investigation carried out by Mr. Indranil Dey at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department

The work presented in this project entitled, "Multicolour tuning and perfect white emission from novel PbWO₄:Yb³⁺: Ho³⁺: Tm³⁺ nanophosphor" is the resultof original investigation carried out by Mr. Arnab Sarkar at Industrial Chemistry & Applied Chemistry Department, Ramakrishna Mission Vidyamandira, under my supervision during the period of July, 2018 to September, 2018.

(Dr. Uttam KumarGhorai)

ghom

Assistant Professor& HOD

Industrial Chemistry & Applied Chemistry Department