- J Ramya, D Somasundareswari, P Vijayalakshmi "Gas chimney and hydrocarbon detection using combined BBO and artificial neural network with hybrid seismic attributes" Soft Computing- Springer Berlin Heidelberg, Year-2020.
- 2. **Vijayalakshmi.P** R. Gnanakumari.R "Binomial Regressive Influence Behavior Ranking for Virtual Community Formation in Social Network" Applied Mathematics & Information Sciences An International Journal, Year-2019.
- 3. **Vijayalakshmi.P** Ramya.J, Somasundareswari.D "Gas chimney and hydrocarbon detection using combined BBO and artificial neural network with hybrid seismic attributes" Journal of Soft Computing, Year-2019
- D.Somasundareswari P.Vijaya Lakshmi "Underwater Wireless Sensor Networks-Challenges and Opportunities- A Survey" Australian Journal of Basic and Applied Sciences, Year-2015