



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_20775
Title of the Manuscript:	Preparation of ternary (Ni ₃ Pb ₂ S ₂) thin films by chemical bath deposition method
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	1. Author has not cleared that aim or scope of above said thin films in respect of application (authors interest in application). Mention application to be carried out. 2. Structural study (XRD) of deposited thin films not included in M/S. 3. How preparative parameters are finalised. [like temp. range, Molarity of solution, pH etc]?	[1] For example, ternary thin films have band gap energy very suitable to the photovoltaic conversion of solar energy. In addition, these compounds are direct band gap semiconductor with a high value of the absorption coefficient. [2] The main objective of this research is to investigate the morphology and optical properties of films using AFM and UV-Visible only. In future, the compositional and structure of films will be investigated using EDAX and XRD. Thank you for your suggestion. [3] The best deposition conditions based on previous results. For example : [i] HO SM (2015). Scanning electron microscopy study of surface morphology of Ni₃Pb₂S₂ thin films. Asian Journal of Chemistry, 27(10), 3851-3853. [ii] Ho SM. (2014). Influence of complexing agent on the growth of chemically deposited Ni₃Pb₂S₂ thin films. Oriental Journal of Chemistry, 30(3), 1009-1012. [iii] Ho SM (2014). Atomic force microscopy



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		investigation of the surface morphology of $\text{Ni}_3\text{Pb}_2\text{S}_2$ thin films. European Journal of Scientific Research, 125, 475-480.
Minor REVISION comments		
Optional/General comments		