



Center for Research in Urdu Language Processing National University of Computer and Emerging Sciences, Lahore Pakistan

## **Revision History:**

Name	Change Date	Version	Description of Changes
Omar Javed	06 Nov, 04	0.1	Created
Sara Hussain	23 Feb,05	4.1.0.1	Modified to remove infinitival phase and add deverbal phrase
Aasim Ali	29-Jun-05	5.1.0.1	Added Relative Clause
Tafseer Ahmed	07-Jul-2005	5.1.0.2	Current NPnoun checked and rectified
Aasim Ali	08-Jul-05	5.1.0.3	Transferred Relative Clause to KP (UGR137), and Transferred DeverbalVP to NPnoun

# Rule ID: UGR138

**Rule Syntax:** Following is the constituent description of the rule. NP -> NPnoun | NPpronoun

**Rule Functional Description:** Following are the functional specifications of the rule. NP -> [NPnoun: ^=!; | NPpronoun: ^= !, !\_INFL\_AGREEMENT =c NA;].

# Frequency: 1

**Description:** This rule shows Noun phrase.

*c-structure:* Noun Phrase can consist of Noun Phrase(covering Common Noun, Proper Noun, Verb acting as noun (gerund) or Adjective acting as Noun), Pronoun Phrase or deverbal phrase.

f-structure: Features present in any of the daughter nodes are copied to NP.

## Example:

(common noun) [لڑکا] پڑ ھ رہا ہے (common noun) [جانور] کھا رہے ہیں (proper noun) [احمد] اچھا لڑکا ہے (pronoun) [وہ] اچھا لڑکا ہے (Deverbal Phrase) [وہ] اچھا لڑکا ہے (Deverbal Phrase) [لکھے ہوئے]کو مثایا ہے Above mentioned examples are simplest forms of corresponding phrases. Complex phrases will be discussed in their respective rules.





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Rule Status: Under-process

**Reference:** 

Related Rules: UGR131, UGR106

Replaces: -UGR007

Reason: -

Replaced by: -





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Analysis: Following is the analysis of the rule.

#### Analysis 1:

Noun phrase can consist of common noun phrase, in which head is a common noun and there are modifier attached to it. In the same way it can be a Proper Noun phrase or pronoun. Sometimes verb acts like a noun phrase, it is called gerund. Verb acting as noun is in *masder مصدر* form. Sometime adjectives occur at noun phrase position, e.g *jahil*, *accha اجها* 

#### Analysis 2:

Common and Proper Noun do not have any syntactical difference. Therefore, there is no need of two separate rules for common and proper noun. Noun Phrase can be divided as phrases having Noun, phrases having pronoun and deverbal phrase.

Result: We decided on analysis 2.

### **Future Work:**