Option Explicit

'ルビを振った漢字を格納するArray  
Public kanjiArray(9999) As String  
'KanjiArrayのインデックス  
Public KI As Long

'文書全体にルビ設定（最初の漢字のみ）  
Public Sub MakeFirstRubiAll()  
SetPhoneticRange ActiveDocument.Range, True  
End Sub

Private Sub SetPhoneticRange(ByVal rng As Word.Range, ByVal FirstFlag As Boolean)  
Dim r As Word.Range  
Dim s As Word.Range  
Dim i As Long  
Dim dFlag As Boolean

' kanjiArrayのインデックスの初期化  
KI = 0

'単語単位で処理  
For Each r In rng.Words  
'ルビが振られていないか最初にフィールド数で判定  
If r.Fields.Count < 1 Then  
' 漢字が含まれているか判定  
If ChkKanjiRange2(r) = True Then

' 全部が漢字か判定  
If ChkKanjiRange(r) = True Then

If FirstFlag = False Then  
' 全ての漢字にルビをふる  
r.Select  
Application.Dialogs(wdDialogPhoneticGuide).Show 1  
Else  
' 最初に出てきた漢字にだけルビをふる  
If inKanjiArray(r.Text) = False Then  
addKanjiArray (r.Text)  
r.Select  
Application.Dialogs(wdDialogPhoneticGuide).Show 1  
End If  
End If

Else  
'文字単位で処理  
i = 1  
For Each s In r.Characters  
' 漢字か判定  
If ChkKanjiRange(s) = True Then  
' 次の文字が漢字か判定  
dFlag = False  
If i < Len(r.Text) And Len(Mid(r.Text, i + 1, 1)) > 0 Then  
If isKanji(Mid(r.Text, i + 1, 1)) = True Then  
' 漢字が２文字続きの場合、一緒にルビを振る  
s.End = s.End + 1  
dFlag = True  
End If  
End If

If FirstFlag = False Then  
' 全ての漢字にルビをふる  
s.Select  
Application.Dialogs(wdDialogPhoneticGuide).Show 1  
Else  
' 最初に出てきた漢字にだけルビをふる  
If inKanjiArray(s.Text) = False Then  
If dFlag = True Then  
addKanjiArray (Mid(r.Text, i, 1))  
addKanjiArray (Mid(r.Text, i + 1, 1))  
End If  
addKanjiArray (s.Text)  
s.Select  
Application.Dialogs(wdDialogPhoneticGuide).Show 1  
End If  
End If

End If  
i = i + 1  
Next  
End If

End If  
End If  
Next  
End Sub  
Private Function ChkKanjiRange(ByVal rng As Word.Range) As Boolean  
'指定したRangeが全部漢字だったらTrue  
Dim ret As Boolean  
Dim i As Long

ret = True  
For i = 1 To Len(rng.Text)  
If isKanji(Mid(rng.Text, i, 1)) = False Then  
ret = False  
Exit For  
End If  
Next  
ChkKanjiRange = ret  
End Function

Private Function ChkKanjiRange2(ByVal rng As Word.Range) As Boolean  
'指定したRangeに漢字が１文字でも含まれていたらTrue  
Dim ret As Boolean  
Dim i As Long

ret = False  
For i = 1 To Len(rng.Text)  
If isKanji(Mid(rng.Text, i, 1)) = True Then  
ret = True  
Exit For  
End If  
Next  
ChkKanjiRange2 = ret  
End Function

Private Function isKanji(ByVal strIn As String) As Boolean  
Dim re As Object  
Set re = CreateObject("VBScript.RegExp")  
re.Pattern = "[一-龠〃々〆〇]"

If re.test(strIn) Then  
'MsgBox "入力文字列には、漢字が含まれてます。"  
isKanji = True  
Else  
'MsgBox "入力文字列には、漢字が含まれていません。"  
isKanji = False  
End If  
End Function

Private Function inKanjiArray(ByVal str As String) As Boolean  
Dim ret As Boolean  
Dim i As Long  
ret = False

For i = 0 To KI + 1  
If StrComp(kanjiArray(i), str) = 0 Then  
ret = True  
Exit For  
End If  
Next  
inKanjiArray = ret  
End Function

Private Function addKanjiArray(ByVal str As String) As Boolean  
kanjiArray(KI) = str  
KI = KI + 1  
End Function  
'文書全体にルビ設定（最初の漢字のみを20回繰り返す）  
Sub Repeat10Times()  
Dim i As Integer  
For i = 1 To 20  
MakeFirstRubiAll  
Next i  
End Sub