In [18]:

```
# import pandas as pd
# import numpy as np
# import matplotlib.pyplot as plt
# import requests
# ans=pd.read_csv("zomato.csv",encoding="latin-1")
# data=ans.copy()
# indiandata=data[data['Country Code']==1]
# indiandata.head(1)
# pricencr=[]
# priceothercity=[]
# lincr=['Faridabad','Gurgaon','New Delhi','Noida','Ghaziabad']
# for i in range(len(indiandata)):
#     price=indiandata['Average Cost for two'].iloc[i]
#     if data['City'].iloc[i] in lincr:
#         pricencr.append(price)
#     else:
#         priceothercity.append(price)
# # ncrprice=np.mean(pricencr)
# # cityprice=np.mean(priceothercity)
```

In [45]:

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import requests
ans=pd.read_csv("zomato.csv",encoding="latin-1")
data=ans.copy()
def seprate(cusine):
    litemp=[]
    litemp=cusine.split(",")
    licusine=[]
    for i in range(len(litemp)):
        cusine=litemp[i].strip(" ")
        licusine.append(cusine)
    return licusine
lincr=['Faridabad','Gurgaon','New Delhi','Noida','Ghaziabad']
count=0
ncrdictt={}
licusine=[]
othercitydictt={}
for i in range(len(ans)):
    if data['Country Code'].iloc[i]==1:
        name=str(data['Cuisines'].iloc[i])
        licusine=seprate(name)
    if data['City'].iloc[i] in lincr:
        for ele in licusine:
            ncrdictt[ele]=ncrdictt.get(ele,0)+1
    else:
        for ele in licusine:
            othercitydictt[ele]=othercitydictt.get(ele,0)+1
# print(ncrdictt)
# print(othercitydictt)
ncrli=[]
otherli=[]
for i in ncrdictt:
    ncrli.append([i,ncrdictt[i]])
ncrli.sort(key=lambda x: x[1],reverse=True)
for i in othercitydictt:
    otherli.append([i,othercitydictt[i]])
otherli.sort(key=lambda x: x[1],reverse=True)
ncrnames=[]
ncrnum=[]
othernames=[]
othernum=[]
for i in range(10):
#     print(ncrli[i][0])
    ncrnames.append(ncrli[i][0])
    ncrnum.append(ncrli[i][1])
for i in range(10):
#     print(otherli[i][0])
    othernames.append(otherli[i][0])
    othernum.append(otherli[i][1])
```

Detailed Analysis of differnce between cuisnies served in Delhi-NCR and other cities.

1) Number of Restaurants are more in Delhi-Ncr as compared to other Cities

1) Number of Restaurants in Delhi-Ncr are 7947

2) Number of Restaurants in othercities are 705

2) Top ten Cuisines in Delhi-Ncr

1) North Indian

2) Chinese

3) Fast Food

4) Mughlai

5) Bakery

6) South Indian

7) Continental

8) Desserts

9) Street Food

10) Italian

3) Top ten Cuisines in Other cities

1) Italian

2) North Indian

3) Chinese

4) Continental

5) Cafe

6) Fast Food

7) South Indian

8) Mughlai

9) Desserts

10) Mexican

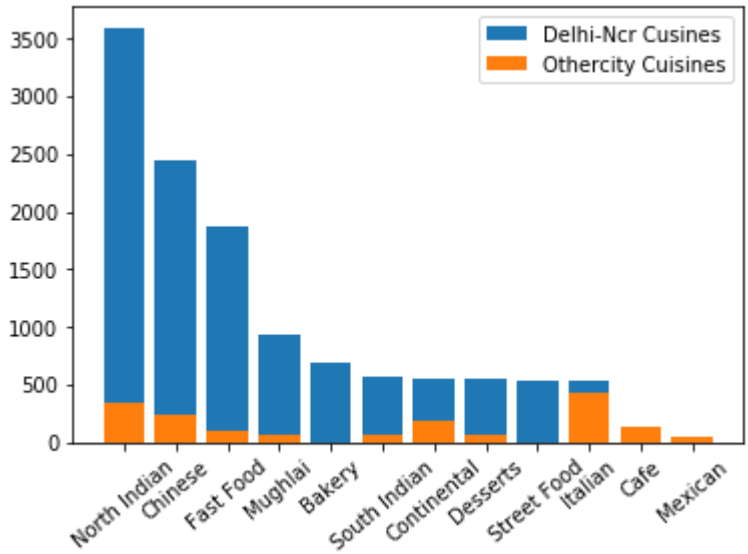
4) Average Eating Price for Two People in Delhi-Ncr is 680 and average eating price for two people in other cities is 738

In [62]:

```
fig = plt.figure()
ax = fig.add_subplot(111)
ax.bar(ncrnames,ncrnum,label="Delhi-Ncr Cusines")
ax.bar(othernames,othernum,label="Othercity Cuisines")
plt.xticks(rotation=40)
plt.legend()
```

Out[62]:

```
<matplotlib.legend.Legend at 0x1207bff28>
```



In [ ]: