In [12]:
```
import pandas as pd
import matplotlib.pyplot as plt
import matplotlib.ticker as mticker
import numpy as np
```

In [13]:
```
df = pd.read_csv('Data.csv')
```

In [14]:
```
x = df['C-2  MARITAL STATUS BY AGE AND SEX '].loc[6:21]
x = np.array(x)
x
```

Out[14]:
```
array(['0-9', '10-14', '15-19', '20-24', '25-29', '30-34', '35-39',
       '40-44', '45-49', '50-54', '55-59', '60-64', '65-69', '70-74',
       '75-79', '80+'], dtype=object)
```

In [15]:
```
y = df['Unnamed: 7'].loc[6:21]
y = np.array(y)
y = [int(val) for val in (y)]
y
```

Out[15]:
```
[124932540,
 69418835,
 63982396,
 57584693,
 51344208,
 44660674,
 42919381,
 37545386,
 32138114,
 25843266,
 19456012,
 18701749,
 12944326,
 9651499,
 4490603,
 5283695]
```

In [16]:
```
z = df['Unnamed: 8'].loc[6:21]
z = np.array(z)
z = [int(val) for val in (z)]
z
```

Out[16]:
```
[114802364,
 63290377,
 56544053,
 53839529,
 50069757,
 43934277,
 42221303,
 34892726,
 30180213,
 23225988,
 19690043,
 18961958,
 13510657,
 9557343,
 4741900,
 6005310]
```

In [17]:
```
bar_width = 0.4
X_axis = np.arange(len(x))
plt.figure(figsize=(12, 6))
plt.bar(X_axis - bar_width/2, y, bar_width, label='Male', color='royalblue')
plt.bar(X_axis + bar_width/2, z, bar_width, label='Female', color='pink')
plt.xlabel("Age Group")
plt.ylabel("Population")
plt.title("Population Distribution by Age Group in India")
plt.xticks(X_axis, x)
plt.legend()
plt.gca().yaxis.set_major_formatter(mticker.StrMethodFormatter('{x:,.0f}'))
plt.tight_layout()
plt.show()
```