Euro Zone

Exch Rate

Exch Rate

Exch Rate

Australia

Exch Rate

Foreign Res

New Zealand

Exch Rate

Exch Rate

Foreign Res

Exch Rate

Foreign Res

Exch Rate

Foreign Res

China

India

Fiji

Foreign Res

Foreign Res

Foreign Res

UK

Japan

Foreign Res

2022

0.95

0.81

176.41

131.50

1227.57

1.44

56.70

1.58

14.40

6.74

3306.84

78.60

567.30

2.20

1.56

1184.87

US Dollar Appreciation, Global Dollar Shortage: Implications, Concerns

2018

0.85

0.75

172.66

110.42

1270.47

1.34

53.91

1.45

17.66

6.62

3168.22

68.39

399.17

2.09

0.95

Note: Exch rate in Units of Domestic Currency per one US\$ and Foreign Exchange Reserves in US\$ in billion)

822.53

Table. Exchange Rates and Foreign Reserves of Selected Advanced Countries,

2017

0.89

0.78

150.86

112.17

1264.14

1.30

65.65

1.41

20.68

6.76

3235.68

65.12

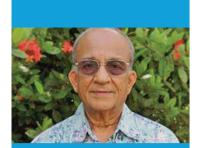
412.61

2.07

1.12

802.69

Opinion



Dr. T. K. Jayaraman

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Opinion



Dr. Keshmeer Makun

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he US dollar appreciated soon after the US Federal Reserve (the Fed) raised its interest rate on July 27 by 25 basis points to 5.50 per cent. This time not in despair, but in an atmosphere of confidence that its monetary tightening measures, after all, are proving effective.

It was the 11th increase since the Fed began its ongoing monetary tightening in March 2022. The latest hike brings borrowing costs to their highest level in over 22 years.

As we write this article, the US dollar had appreciated from Rs 81.92 to Rs 82.94. The depreciation of the Indian rupee is attributed to outflows of hot money seeking higher returns in the world's safest

This was triggered by positive macroeconomic news from America, that the US economy is no longer facing inflationary pressures as the United Kingdom and the Euro-

Successful implementation of contractionary monetary policy changes since 2022, along with other positive economic indicators. including a robust labour market,

brings some relief to central banks

The Fed Chairman, in a news con-He cautioned global inflation fears There are concerns stemming emerging economies are experiencference, emphasised that there was persist. The possibility of two or from the appreciating US dollar ing more However, inflation would remain still a long way to go, as the 525 bamore hikes is not ruled out, as the and the ongoing dollar shortages. a concern, as the current year-on- sis points increase since April 2022 Fed aims to anchor inflation expec- According to IMF economists Ru- CONTINUES TO PAGE B11

Emerging Global Concerns

dolfs Bems and Racha Moussam, who reviewed global exchange rates and foreign reserve holdings,

FROM PAGE B10

Zhou confirms that in emerging (not exceeding 0.6per cent) and dismarket economies, a 10% US dol- sipate within one year. As a result, significant adverse effects com- lar appreciation results in a 1.9 per the negative consequences fall dis- a negative 59 per cent, That is the dicates that taxation policies an-

pared to advanced economies due cent decrease in economic output, proportionately on both advanced Indian rupee is undervalued by 59 nounced in the National Budget are to the spillover of the US dollar's lasting for two and a half years. and emerging economies. appreciation. Empirical evidence In contrast, the negative effects on The rising US dollar impacts trade cerned.

volumes steeply decline, with im- the extent of the undervaluation ports dropping twice as much as of a currency. The same example exports. Additionally, credit avail- and procedure when applied to adability decreases, capital inflows di- vanced countries, we find the exminish, and tighter monetary politent of undervaluation is less than cies are implemented, leading to a 1 per cent. decline in stock-market activities.

nel plays a more significant role, resulting in reduced consumption under a flexible ER regime. of imported items. However, the external sector adjustment in emergto their higher exposure to the US rate regimes fare better.

In advanced economies, exchange curs relatively automatically, with less intervention in market forces.

Market interventions, such as sellpreciation of the domestic curren- as stability of domestic currency. cy, have their limits determined by the availability of foreign reserves.

Such interventions aim to reduce Fiji has a fixed exchange rate sysvolatility rather than control trade deficits or promote exports.

Emerging economies including REER. An application of PPPT test India resort to and defend market interventions, clarifying that they valuation or otherwise. We use the are for reducing volatility and they price which prevailed on July 26 are not aiming at any particular nominal exchange rate (ER).

Purchasing Power Parity Theory

In connection with this, the Pur-(PPPT) is often used to determine FJ\$2,27. whether a prevailing exchange cheaper or undervalued to promote exports, both to reduce trade imbal-

Under very restrictive assumpof the undervaluation or overvaluation of a currency.

Economist of London, which publishes two bi-annual test results, dents of international finance and monetary economics.

Under highly restrictive assumpprices of the goods produced in two cies for keeping inflation down. countries are compared to obtain bilateral ER.

for outlets and manufacturing.

Their domestic costs are zero or sent ignored. The "ideal tradable good"
The impact of interest rate differis the Big Mac sold by McDonald's outlets almost all over the world executange controls are in place. cept perhaps in North Korea.

compromise in nutritional proper- domestic goods is REER.

Using two prices of Big Mac, in the Bank of Fiji Economic Review re-US (\$ 5.89) and in India, the price of ports REER index, which is the the closest to American Big Mac is trade-weighted average of major Mac Spicy Chicken Burger Wrap currencies including the US dollar (Rs 194), we derive the implied has weakened over the year (-4.4 per PPPT ER. The procedure is, we di-cent). vide Rs194 by \$5.89. The quotient is
The weakening of REER promotes tained, is Rs 81.92.

expressed as a proportion of the dise exports.

So the message is needed correc-The income compression chantions are provided by a full, unimpeded operation of market forces

Emerging market economies with more anchored inflation expectaing market economies is slow due tions or more flexible exchange

Central banks, under flexible ER regimes, do not use the PPPT imrate depreciation/appreciation oc- plied ER but use the real effective exchange rate (REER) which is nominal trade-weighted ER duly adjusted for domestic inflation rela ing US dollars and buying domestic tive to world inflation, to determine currencies to prevent excessive de- the export competitiveness as well

tem. Daily ERs are announced by RBF. The Reserve Bank of Fiji uses would indicate the extent of under-California and in Suva

Burger Price in the US is US\$ 5.89 and Fiji Price is FJ\$ 10.15. PPP theory implied ER is FJ\$10.15/ US\$ 5.89 = 1.72, implying one US\$ = FJ\$ chasing Power Parity Theory test 1.72. But the actual ER is one US\$ =

The difference between implied rate is overvalued to make imports and actual ER (1.72-2.27), expressed as a percent of actual ER suggests FJ\$ is undervalued by 24.22 per cent. Jack Yankee from California takes advantage of the lower price tions, the PPPT reveals the extent of Big Mac in Fiji. He takes US\$5.89 with him and flies on Aladdin's A good classroom example is Big US5.89 into Fiji Dollars: 13.37; buys Mac Index introduced in 1986 by the one McBurger at FJ\$10.15 and saves FJ\$ 3.22; buys an ice cream cone at FJ 2.50 with toppings; and save 72 which are delectable staples for stu- cents in small coins for his coin collecting grandson.

Jack returns the magic carpet to Aladdin with thanks for the renttions of no transport costs and no free Magic Carpet for costless air tariff/quota barriers between two travel. Of course, all the unrealcountries but with identical manuistic assumptions have been fully facturing processes, and with the exploited in this example for the same weight of each Big Mac and PPPT. Fiji's current fixed regime the same quality of ingredients, has worked well with prudent poli-

It is because the financial sector has not fully developed, offering at There are also assumptions re-tractive financial assets, The familgarding non-tradable such as water, iar capital movements, especially electricity and rents of buildings of the upsetting, fickle-minded hot money inflows are relatively ab-

ential is none in Fiji. Additionally,

The capital account is not fully The only difference between the liberalised. In these circumstances, two Big Macs of Indian and the US an effective tool, which incorpooutlets is the Indian Big Mac has no rates the influence of domestic beef or pork, but has only chicken. consumer price inflation relative to However, it is claimed there is no inflation overseas on the value of

The latest July ended Reserve

Rs 32. 94, which is ER per one US exports of goods and services, in-\$. The market ER on the day, when cluding tourism and inward remittwo country Big Mac prices are obtances. However, it raises import costs. The trade deficit widened by The difference between the PPPT 11.5 per cent in the year to April, as implied ER and the actual ER is higher-cost imports continued to Rs 48.98, and the difference is then outweigh the gain from merchan-

actual rate in percentage terms: The RBF Economic Review inper cent, as far as Big Mac is con- expected "to put upward pressure on domestic consumer prices",

cycle is now concluding, which above the Fed's 2 per cent target.

also suggest a recession is unlikely. year inflation (July 2022-June 2023) (when inflation was 9.10 per cent) tations among all stakeholders. It appears that the US rate-hiking stands at 3 per cent, which is still has not yet brought inflation down to the desired level.

China, India and Fiji:2015 -2022

2015

0.90

0.65

148.11

121.04

1233.10

1.33

45.41

1.43

14.70

6.23

3405.25

64.15

353.32

2.10

0.92

701.55

2016

0.90

0.74

134.93

108.79

1216.52

1.35

52.48

1.44

17.81

6.64

3097.66

67.20

361.69

2.09

0.91

741.79

2020

0.88

0.78

180.05

106.77

1390.81

1.45

42.54

1.54

13.73

6.90

3357.24

74.10

590.23

2.17

1.08

1077.85

2019

0.89

0.78

173.57

109.01

1.44

57.99

1.52

17.81

6.91

3222.89

70.42

463.47

2.16

1.04

1322.44

914.23

2021

0.85

0.73

194.18

109.75

1405.75

1.33

57.88

1.41

16.11

6.45

3427.93

73.92

638.48

2.07

1.52

1196.16

by Maurice Obstfeld and Haonan advanced economies are smaller and financial channels. Bems and Under the most restrictive as- which is likely to impact REER.