With India

Ajay Singha

aran Thaper has been

very systematic in his

analysis of the book.

He highlighted the

four characteristics by

which Dulat describes

Dr. Faroog Abdullah.

Firstly, that Faroog is,

by far, the tallest polit-

ical leader, not just in

Kashmir but the whole of India.

Secondly, that Farooq Abdullah is

NC, the National Conference party.

He ascends further, claiming that

Farooq is Kashmir. Lastly, he says

that Farooq is even a greater man

than his father, the famously

describe how the politics of Faroog

is very different from that of his

father, the Sheikh. Even though,

their understanding with Delhi

remained common. Both Sheikh

Abdullah, and later Farooq, negoti-

ated with the powers in Delhi that

they leave Kashmir exclusively for

in Kashmiri politics, was against

the abrogation of article 370. What

Farooq, like everybody involved

The conversation goes on to

revered Sheikh Abdullah.

the Abdullahs to manage

राष्ट्रदुत

#RESEARCH

Al to the Rescue: Solving the Cocktail Party Problem in Hearing Aids

New algorithms harness brain signals and deep learning to help hearing aid users focus on voices in noisy environments.



navigating loud, crowded environments remains challenges. This difficulty, known as the 'cocktail party problem,' refers to the inability of hearing aids to distinguish and amplify one specific voice among a sea of background noise. Traditional hearing aids amplify all sounds indiscriminately, making it hard for

like restaurants, parties, or busy streets. However, recent breakthroughs in artificial intelligence (AI) and signal processing have led to the development of algorithm significantly improve how hearing aids filter and prioritize sound. Scientists at leading institutions, including MIT and the University of Washington, are developing machine-learning models that mimic the brain's ability to isolate and track voices in chaotic settings

What Is the Cocktail Party Problem?

oined in the 1950s, the ✓ term describes how the human brain is naturally able to focus on a single voice while filtering out distractions, like at a cocktail party.

People with normal hearing do this automatically. But for those relying on hearing aids, even advanced digital models often struggle with separating competing audio streams.

rithm uses EEG (electroen-

cephalogram) signals from

the brain to detect which

voice the listener is focusing

on. The hearing aid then

amplifies that voice and sup-

presses others in real time,

essentially 'reading' the

University of Washington

involves training the hearing

Another project from the

user's auditory attention.

Enter Al-Based Algorithms

D esearchers have now IN turned to AI for a solution. One promising approach uses deep neural networks trained on thousands of audio samples to recognize and separate voices based on speech patterns, pitch, and direction. These systems can 'lock onto' a speaker's voice once the user indicates whom they are trying to listen to, either through a voice command, gaze direction, or even brain signals.

One such innovation comes from a collaboration between MIT's Computer Science and Artificial Intelligence Laboratory (CSAIL) and Massachusetts Eye and Ear. Their algo-

aid to detect and prioritize speech coming from a specific direction using beamforming technology, which digitally creates a directional microphone effect. Combined with AI-driven speech separation, this technique enhances clarity dramatically.

Real-World Potential

W hile many of these technologies are still in the lab, some are moving towards commercial applications. Companies are now exploring ways to integrate these AI algorithms into next-gen hearing aids without compromising battery life or device size. The goal is to create an intelligent hearing aid that adapts to realworld environments as naturally as the human ear.

A Better Future for Hearing Loss

he development of algorithms to solve the cocktail party problem marks a significant leap in assistive technologv. As these systems become more refined and accessible. they promise to dramatically improve the quality of life for those with hearing impairments, enabling clearer conversations, richer social interactions, and greater independence. In essence, AI is not just making machines smarter, it's helping people hear better in the noisiest corners of life.



They Fooled Him But He Kept Kashmir/

Both Dulat and Vir Sanghvi agree that selective portions from the book have been picked out, and used out of context. There seems to be a campaign now, to paint Farooq as a 'stooge' of Delhi and distance him from the people of Kashmir. The book has become a means, suggests Vir Sanghvi. Whether the Abdullah family or Omar understands it or not, is a different matter. This has put a lot of pressure on Farooq. Dulat quotes NSA MK Narayanan's book that "If Farooq had not been with us, Kashmir may not have stayed with us."

comes out from Dulat's interview

with Karan is that Faroon was

always supportive of Delhi. Karan

Thaper makes this a recurring

theme of his interview. Karan

claims that, by this logic, if Farooq

was asked to, he would have sup-

ported the abrogation. At one point,

Faroog had confided to the author

that he did not join politics to

remain in exile or go to jail. This

explains Faroog's desire to remain

on the right side of Delhi. When

abrogation did happen. Faroog felt

greatly disappointed, that instead of

being taken into confidence, he was

put under house arrest. All these

aspects are cleverly weaved togeth-

er by Karan to support his point

that Farooq would have supported

Subsequent media reports now tom-

tom him as an old stooge of Delhi,

which were hitherto unnoticed. In

1987, there were claims and press

reports that the elections were

rigged. It appears that these stories

were not totally unfounded. The

National Conference would have

won in any case and there was no

need for rigging. When rumors of

rigging went around in the valley,

the Kashmiris came to their own

conclusion. They felt convinced

that Faroog was a stooge of Delhi.

Why else would the center rig the

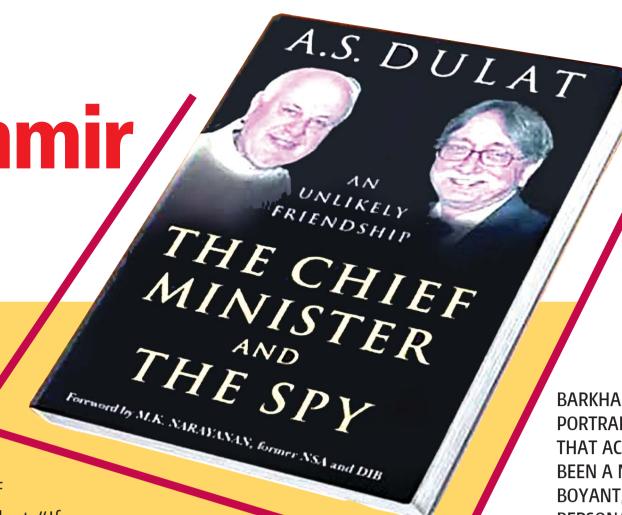
Karan points out the various

elections in his favor?

supportive of the abrogation.

abrogation if asked to.

Karan brings out some aspects



PART:2

elebrated annually on May 8, World Donkey Day shines a spotlight on the enduring contributions of donkeys to human society. Established in 2018 by scientist Ark Raziq, the day acknowledges these resilient animals' roles in agriculture, transportation, and companionship, especially in rural communities. Despite their significance, donkeys often face neglect and exploitation. World Donkey Day aims to raise awareness about their welfare and promote better treatment globally. Join the celebration by learning about donkeys, supporting sanctuaries, or simply appreciating these steadfast companions who have quietly shaped human history.



Deve Gowda and Faroog Abdullah

BARKHA DUTT CALLS THIS BOOK, A RACY INTIMATE PORTRAIT OF FAROOQ ABDULLAH. SHE EMPHASIS THAT ACCORDING TO DULAT, FAROOQ HAS ALWAYS BEEN A NATIONALIST. THE BOOK REFLECTS THE FLAM-BOYANT, IMPETUOUS, MERCURIAL SIDE OF FAROOQ'S PERSONALITY. DO THE FATHER AND SON, FAROOQ AND OMAR, SEE EYE TO EYE ON POLITICS? DO THEY THINK THE SAME WAY IDEOLOGICALLY?



the movement for restoring

Statehood has not gathered enough

momentum. Though Omar says he

will be restored shortly.

Dulat's latest book.

has been given assurances that it

racy intimate portrait of Farooq

Abdullah. She emphasis that

according to Dulat, Farooq has

Barkha Dutt calls this book, a

Dulat reveals that all the books

that he has written have Kashmir as

the center. This book is not a biog-

raphy: it is a book about Faroog, as

he knows him. He feels that Farooq

has changed greatly after the abro-

gation of article 370. He is a very

different person now, as compared

to the past. He has mellowed down

and become deeply religious. Reading the Quran every so often.

Some years ago, he may not have

agreed to writing a book on him.

Now, he realizes that time is getting

over for everyone concerned.

Barkha asks Dulat as to why and on

whose behalf did he go to meet

rrest. Around the time of the abro-

gation. Dulat takes her back to 1990

and savs that back then, he asked

Delhi if he should engage Faroog.

always been a nationalist. The book many things had happened and reflects the flamboyant, impetuous. Farooq had made up his mind to mercurial side of Farooq's personleave. În 1990, Farooq resigned and refused to listen to even Rajiv. ality. Do the father and son, Farooq and Omar, see eye to eye on politics? Can the National Conference Do they think the same way ideo-NC ever be in business with the logically? Will the National BJP? After all, politics is the art of Conference ever ally with the BJP? the possible, admits Barkha, India What transpired in the Abdullah alliance became a viable option for camp in the aftermath of the abro-NC after Rahul's pad vatra gation of article 370? These and Fortunately, NC got 42 seats in 2024 nany other questions, as emphaand it was a victory for Farooq. sized by Barkha, are answered in Today, Farooq is not prepared to do

outreach.

encouraged him to do this track two

Delhi never understands that

Farooq can never be pushed. That

aspect of him remains unchanged

Even Rajiv started understanding

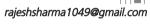
the persona of Farooq very late in

the day. Though, they had a com-

fortable relationship, but by then,

deal with BJP but, as they say, never say never, added Dulat. Barkha enquired if Dulat is hard on Omar as he admits that Omar is very correct, very straight like the head boy of Sanawar, which ne once was. For Dulat, Faroog is by far, the tallest of leaders in India. Though, he is sometimes torn between his love for Kashmir and the love for his son. If Omar had not lost his Baramulla parliamentary election, then Farooq would have been CM of Kashmir in 2024. The father changed his mind, sacrificed his desire to be CM. He has now become most protective of his son

even glorifying him. Surprisingly, Islamabad both prefer Omar. Keeping Faroog out of Kashmir has many supporters. After all, Omar is simple to deal with while Faroog is most difficult to manage. Even Vaipayee liked Omar and made him a minister. Dulat again mentions the repeated betravals of Faroog by Delhi. Barkha concludes by asking did Faroog make any political mis takes. Dulat answers, "Farooq apne baap ka bhi baap hai." He lived life like Ulysses, but now he is mel







Karan Thaper in conversation with AS Dulat.

from Farooq. Perhaps, because the National Conference refused to

instances when Farooq was let down by the Delhi establishment.

In 1984, she went to the extent of dismissing him. He resigned, to Indira Gandhi got along with him save face. initially and even praised him in front of his father, the old Sheikh Abdullah. She requested him to pass on the mantle of the National Conference to Farooq. Much later, she suddenly distanced herself

the Vice President-ship of India by Vajpayee and support by Advani. The promise was forgotten by Delhi, and once again, Farooq was let down. These latent desires remain unfulfilled and have never been revealed, except in this book. form an alliance with the Congress. However, this time around, Farooq told Dulat that this offer of Vice President-ship was fake. For a change, Dulat was proved wrong, as Faroog knew all along that nothing will come out of this, they were just

> playing games with him Vir Sanghvi in his discussion with Dulat goes a step further. He claims that Farooq, Omar and Prime Minister Modi had possibly met, but nothing about the abrogation was possibly shared with them. They didn't have an inkling that some such action would be executed so soon. Faroog, points out Vir Sanghvi, was upset, that instead of being taken into confidence, he was arrested. The Abdullahs felt betrayed for not being confided, because they always supported the Indian-ness of Kashmir.

> There is a lot about father-son relationships in this book. The Sheikh, it seems, was a great man but never understood the political compulsions of Nehru. Farooq, on the other hand, was a visionary and managed to keep people in good humor for better part of his politi-

dismissing him. He resigned, to

In 2002, Farooq was promised ulat reveals that all the books that he has written have Kashmir as the center. This book is not a biography; it is a book about Faroog, as he knows him. He feels that Farooq has changed greatly after the abrogation of article 370. He is a very different person now, as compared to the past. He has mellowed down and become deeply religious. Reading the Quran every so often. Some years ago, he may not have agreed to writing a book on him. Now, he realizes that time is getting over for everyone concerned. Barkha asks Dulat as to why and on whose behalf did he go to meet Faroog, when he was under house arrest

> cal career. He was committed to Kashmir progressing along with India. Unlike his father, Faroog did not want to spend time in jail and chose to stay on the right side of Delhi. Farooq was happiest with Prime Minister Deve Gowda. Primarily because Deve Gowda understood him and consented, that you keep peace in Kashmir and we

Omar was expected to win the Lok Sabha elections and enter the Indian Parliament, Faroog, on the other hand, would be the Chief Srinagar. Minister Unfortunately Omar lost the elections in Baramulla, so they had to re-draw their plans. Omar then contested the 2024 elections and became the Chief Minister.

Dulat points out to Vir Sanghvi that Farooq has changed vastly since abrogation of article 370. I hurt him deeply, and today, there is much more empathy for him in the valley than in the past. Creation of the People's Alliance for the Gupkar Declaration (PAGD) is a major initiative of Faroog Abdullah. It seeks to bring the Kashmiri people together and he seems to have created his own little assembly.

Vir Sanghvi in conversation with AS Dulat

Vir Sanghvi suggests that even in the days of Advani, Vajpayee and Brajesh Mishra, they planned to keep Farooq out of Kashmir and promote Omar. Dulat agrees and goes on to mention that the lure of India's Vice President-ship was thrown, perhaps to mislead Faroog. He confesses that unwittingly he became a party to this fraud against Faroog. It was at his house over dinner that the National Security Advisor, Brajesh Mishra told Farooq about their plans to offer

him the Vice President-ship. Vir Sanghvi and Dulat compare the father and the son and both agree that Faroog is accessible. open-minded and always seeking

outside views and opinions. Omar. on the other hand, is closed in his himself approach, keeps his own counsel and rarely reaches out to anyone on his own. Dulat mentions that Farooq may look accommodating but is not a push over, and if you're reasonable, then, he will be with you. There is a lot of skill beneath the laughter and bonhomie dis-

played by Farooq. Omar, on the

other hand, is seen by Dulat as a

straight-forward, predictable, pub-

agree that selective portions from

the book have been picked out, and

used out of context. There seems to

be a campaign now, to paint Farooq

as a 'stooge' of Delhi and distance

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gests Vir Sanghvi. Whether the

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ter. This has put a lot of pressure on

Farooq. Dulat quotes NSA MK

Narayanan's book that "If Farooq

had not been with us, Kashmir may

Dulat mentions how Yaseen

Malik of JKLF supported militancy,

thinking Pakistan will jump into

Kashmir, once things got heated up.

On the lines of what India did in

Bangladesh. Nothing of that sort

transpired, as Pakistan wanted

these boys to continue on their own.

Supporting them from across the

not have staved with us."

Both Dulat and Vir Sanghvi

lic school product.

Dulat regrets that as of today,

and Yaseen Malik mainstreamed

Even on that front, Farooq comes out as a strong-willed nationalist leader, not ready to compromise with separatists.

Vir Sanghvi and Dulat dis-

This time, too, he went to Faroog. conveying a message from Delhi. namely not to speak to the press and cussed the infamous highjacking of not to criticize the government. Dulat admits he was a messenger

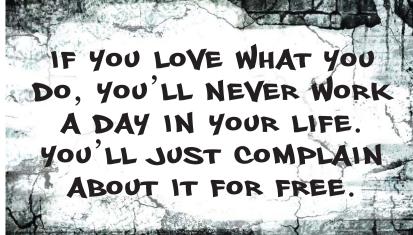
lesser-known facts and from Delhi, but not a mediator. instances of missed opportunities. Farooq was a heart-broken man and deeply hurt by the abrogation of

article 370. Farooq did not speak at all, his disappointment was severe lowed down and become spiritual. and he preferred keeping mum. Dulat did not reveal who had



border continued. Finally, their Barkha Dutt and Dulat in conversation. armed insurgency was abandoned

THE WALL



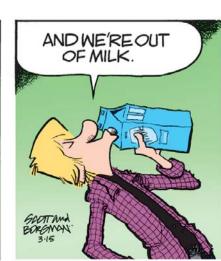
Indira Gandhi with Sheikh Abdullah and Faroog Abdullah.

BABY BLUES



ZITS





By Jerry Scott & Jim Borgman

