# Digital Politics:

## Emerging Trends in South and Southeast Asia

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## About the Institute of South Asian Studies

The Institute of South Asian Studies (ISAS) is dedicated to research on contemporary South Asia.

It was established in July 2004 as an autonomous research institute at the National University of Singapore. The establishment of ISAS reflects the increasing economic and political importance of South Asia, and the strong historical links between South Asia and Southeast Asia.

The Institute seeks to promote understanding of this vital region of the world, and to communicate knowledge and insights about it to policymakers, the business community, academia and civil society, in Singapore and beyond.

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# Digital Politics:
# Emerging Trends in South and Southeast Asia

## Institute of South Asian Studies
## National University of Singapore
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Ronojoy Sen
Vani Swarupa Murali

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# Executive Summary

The digital media landscape has undergone significant changes over the last decade. While Facebook remains one of the most widely used social media platforms globally, messaging platforms like WhatsApp not only have a huge number of users in countries like India and Indonesia, but have also become a dominant news-sharing avenues. Though the global digital divide still exists, the smartphone has been crucial to the rapid evolution of digital politics in South and Southeast Asia. Internet penetration in South Asia now stands at roughly 42 per cent, compared to 63 per cent in Southeast Asia.

The Institute of South Asian Studies at the National University of Singapore organised a roundtable titled 'Digital Politics: Emerging Trends in South and Southeast Asia' on 5 December 2018. The event brought together researchers, policymakers and representatives of digital media companies.

The contents of this report largely draw upon the discussions at the roundtable. The report focuses on two key areas. The first is on the phenomenon of disinformation or fake news and its nature and extent. The second is the imperatives of regulating disinformation and digital platforms and the different ways it is being done. The issues around digital media, fake news and regulations assume immense importance in 2019 as two of the world's largest democracies, India and Indonesia, head to elections.

While fake news and disinformation are being used to shape and polarise opinion, it has also triggered violence in many instances. In India alone, in 2018, at least 25 people were lynched in separate incidents, triggered by online rumours. The presence of fake news and the threats it poses have led to a slew of measures to curb it. These can be broadly classified under three headings. The first involves steps taken by the state to regulate digital and social media. The second is self-regulation and governance measures taken by technology and platform companies. The third is the initiatives taken by civil society and users of digital media.

While these efforts may not be enough to tackle what is a problem of immense proportions, they are a start. At the same time, the negative publicity around digital media and disinformation comes with the danger of drowning out the democratic potential associated with social media. In the near future, solutions to regulate digital media and disinformation will remain contentious and a work in progress.
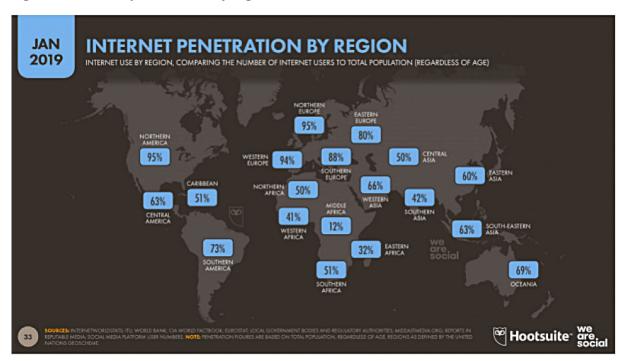
# Introduction

On 5 December 2018, the Institute of South Asian Studies at the National University of Singapore organised a roundtable titled 'Digital Politics: Emerging Trends in South and Southeast Asia'. The event brought together researchers, policymakers and representatives of digital media companies to map the terrain of digital politics and its ramification for politics in general.

The digital media landscape has undergone significant changes over the last decade. While Facebook remains one of the most widely used social media platforms, there are other platforms, such as Twitter, Instagram, Snapchat and LinkedIn, which have shown significant growth in recent years. Messaging platforms like WhatsApp not only have a huge number of users in countries like India, Indonesia and Brazil, but have also become dominant news-sharing avenues. Though the global digital divide still exists, the smartphone has been crucial to the rapid evolution of digital politics, especially in most parts of South and Southeast Asia, where internet penetration has traditionally been low. One of the critical elements of the social media landscape is the extent to which an increasing number of people use social media as their primary source of news and how they consume it.
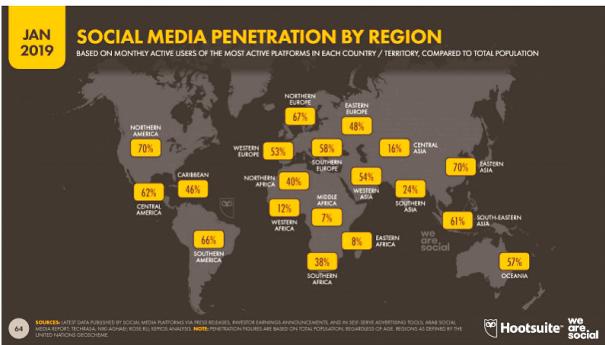
India has seen Internet users jump to almost 560 million in 2018, representing an annual growth of nearly 20 per cent. Internet penetration in South Asia now stands at roughly 42 per cent (Figure 1). While India is responsible for more than a quarter of the total global growth in 2018, the Asia-Pacific region contributed 55 per cent to the annual growth figure. Social media growth has also shown a dramatic spurt in India with the country showing a 24 per cent growth in 2018 (Figure 2). Internet penetration in South Asia, however, is still much lower than that in Southeast Asia as is social media penetration. The same holds true for smartphone ownership where, among major emerging economies, India still has a much lower percentage of smartphone ownership as compared to Indonesia or Philippines (Figure 3).

**Figure 1: Internet penetration by region**



Source: Kemp, Simon, 'Digital 2019: Global Internet Use Accelerates', We Are Social, 30 January 2019. https://wearesocial.com/blog/2019/01/digital-2019-global-internet-use-accelerates.

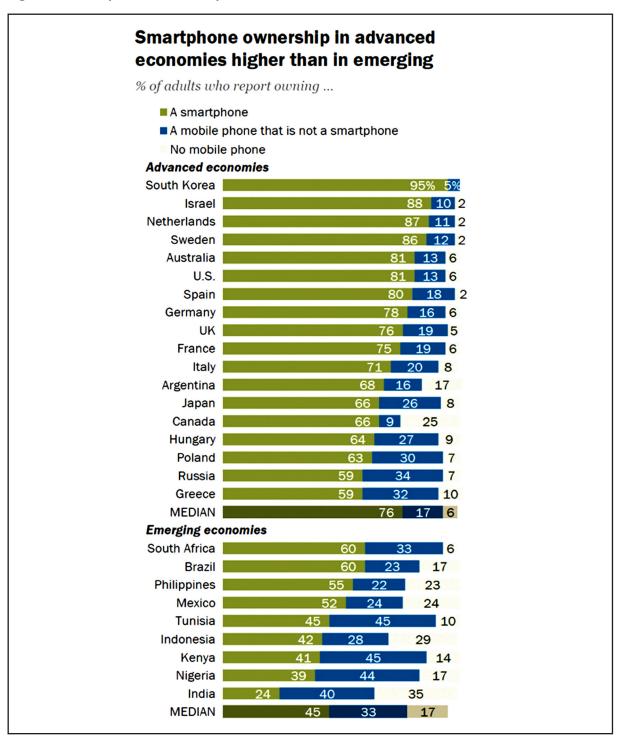**Figure 2: Social media penetration by region**



Source: Kemp, Simon, 'Digital 2019: Global Internet Use Accelerates', We Are Social, 30 January 2019. https://wearesocial.com/blog/2019/01/digital-2019-global-internet-use-accelerates.

**Figure 3: Smartphone ownership**



## Smartphone ownership in advanced economies higher than in emerging

*% of adults who report owning ...*

■ A smartphone
■ A mobile phone that is not a smartphone
  No mobile phone

**Advanced economies**

| Country | Smartphone | Not smartphone | No mobile phone |
|---|---|---|---|
| South Korea | 95% | 5% | |
| Israel | 88 | 10 | 2 |
| Netherlands | 87 | 11 | 2 |
| Sweden | 86 | 12 | 2 |
| Australia | 81 | 13 | 6 |
| U.S. | 81 | 13 | 6 |
| Spain | 80 | 18 | 2 |
| Germany | 78 | 16 | 6 |
| UK | 76 | 19 | 5 |
| France | 75 | 19 | 6 |
| Italy | 71 | 20 | 8 |
| Argentina | 68 | 16 | 17 |
| Japan | 66 | 26 | 8 |
| Canada | 66 | 9 | 25 |
| Hungary | 64 | 27 | 9 |
| Poland | 63 | 30 | 7 |
| Russia | 59 | 34 | 7 |
| Greece | 59 | 32 | 10 |
| MEDIAN | 76 | 17 | 6 |

**Emerging economies**

| Country | Smartphone | Not smartphone | No mobile phone |
|---|---|---|---|
| South Africa | 60 | 33 | 6 |
| Brazil | 60 | 23 | 17 |
| Philippines | 55 | 22 | 23 |
| Mexico | 52 | 24 | 24 |
| Tunisia | 45 | 45 | 10 |
| Indonesia | 42 | 28 | 29 |
| Kenya | 41 | 45 | 14 |
| Nigeria | 39 | 44 | 17 |
| India | 24 | 40 | 35 |
| MEDIAN | 45 | 33 | 17 |

Source: Smartphone Ownership In Advanced Economies Higher Than In Emerging', Pew Research Center, 4 February 2019. http://www.pewglobal.org/2019/02/05/smartphone-ownership-is-growing-rapidly-around-the-world-but-not-always-equally/pg_global-technology-use-2018_2019-02-05_0-01/.

The contents of this report draw upon the discussions at the roundtable. The report focuses on two key areas. The first is the phenomenon of disinformation or fake news and its nature and extent. The second is the imperatives of regulating disinformation and digital platforms and the different ways it is being done.

# Mapping Disinformation or Fake News

Although the term 'fake news' is of recent origin, the idea, tactics or strategies used to manipulate information is age-old. Every single communication technology in the past has been used or misused for propaganda by states. The evolution of the media from print to television is replete with instances of spreading disaffection or conflict or simply catering to the imperatives of winning elections. What is new perhaps in recent years is the way technology has accelerated the flow of information and the manner in which people use online platforms and absorb information. The challenge of fake news is something that internet users, technology companies and governments are grappling with. Since the United States (US) presidential elections in 2016, which saw a Russian campaign on social media to influence the outcome, the word 'fake news' has become more prominent globally along with the urgent need to find ways of curbing it. Indeed, the Collins dictionary named 'fake news' as the word of the year for 2017, claiming that the usage of the word had increased by 365 per cent from 2016.

Fake news has now become a catch-all phrase, though a case could be made that false news or disinformation and misinformation are not one and the same. Claire Wardle, an expert on social media, has identified three types of "information disorder". One, content that is false but not intended to harm is called misinformation. This includes satire, or misleading quotes and images. Two, content that is false and intended to harm is disinformation. This includes lies, fabricated content and manipulation campaigns. Three, truthful information that is intended to harm is considered to be malinformation.[1] Over and beyond fake news, a huge proportion of the internet itself might be "fake". Studies suggest that, in some years, nearly 40 per cent of web traffic were bots masquerading as people.

Governments or individuals with an agenda spread disinformation and the media platforms become the medium to amplify the false news. At the same time, people have cognitive biases that make them vulnerable to believing false information, and the availability of social media at their fingertips only amplifies the negative effects of these biases.

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1    "Written Representation 94". Parliament.Gov.Sg, 1 March 2018. https://www.parliament.gov.sg/docs/ default-source/sconlinefalsehoods/ written-representation-94.pdf. Accessed on 6 February 2019.

While fake news and disinformation are being used to shape and polarise opinion, they have has also triggered violence in many instances. In India alone, in 2018, at least 25 people were lynched in separate incidents, triggered by online rumours on WhatsApp, the Facebook-owned encrypted messaging platform. India is WhatsApp's largest market with over 200 million users, along with countries like Brazil and Indonesia. Similar incidents of online rumours triggering violence have occurred in Indonesia and Sri Lanka. In general, researchers have found that falsehoods often tend to circulate quicker and wider than real news. Hence, a study by the Massachusetts Institute of Technology, which analysed some 126,000 stories, tweeted by three million users, over more than 10 years, reported that false news on Twitter was 70 per cent more likely to be retweeted than accurate news.

Mapping the origin and dissemination of fake news remains a major challenge. Some of this work has already begun. The British Broadcasting Corporation's (BBC) 2018 report, 'Beyond Fake News', suggests that nationalism is driving the spread of fake news in India. Participants gave the BBC extensive access to their phones, allowing the researchers to examine the kinds of material they shared, whom they shared it with and how often. Participants in the survey made "little attempt to query the original source of fake news messages, looking instead to alternative signs that the information was reliable".[2]  These included the number of comments on a Facebook post, the kinds of images on the posts or the sender. The participants also assumed that WhatsApp messages from family and friends could be trusted and sent on without being checked.

A study by political scientists Brendan Nyhan and Jason Reifler found that corrections to disinformation or misleading claims do not always have the desired effect.[3]  Not only did corrections fail to reduce misperceptions, but they also sometimes increased them. People who were ideologically inclined to believe a given falsehood came up with reasons that the correction was wrong and came to believe the falsehood even more strongly, thereby accentuating the echo chamber effect. However, recent research by cognitive psychologists suggests that the solution to politically charged misinformation should involve devoting resources to the spread of accurate information and to training or encouraging people to think more critically.

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2    Chakrabarti, Santanu. "Nationalism Driving Fake News In India". *BBC News,* 12 November 2018. https://www.bbc.com/news/world-46146877. Accessed on 6 February 2019.
3    Nyhan, Brendan, and Jason Reifler. "Misinformation And Fact-Checking: Research Findings From Social Science". *New America Foundation,* February 2012. http://www.dartmouth.edu/~nyhan/Misinformation_ and_Fact-checking.pdf. Accessed on 6 February 2019.

There has also been some research on the demographic profile of social media users and their relationship to fake news and its dissemination. For instance, Pew has found that, while Facebook, which has more than 2.2 billion monthly active users, remains popular among all age groups, younger people have embraced other platforms such as Snapchat and Instagram. Plummeting data prices and cheap, 4G-enabled smartphones have put WhatsApp in the hands of many people in Asia, making them go online for the first time.

The relationship between social media users and the spread of fake news also differs by age. Among social media users, according to researchers, older people were more likely to share fake news. Up to 11 per cent of Facebook users older than 65 years, shared a hoax compared to three per cent between the 18 and 29 age group.

# Regulation of Fake News

The global presence of fake news and the threats it poses have led to a slew of measures to curb it. Facebook Chairman Mark Zuckerberg recently admitted that "regulation is inevitable". There is a realisation that there is no silver bullet to tackle disinformation. Therefore, the solution must necessarily be multi-pronged and can be broadly classified under three headings. The first is steps taken by the state to regulate digital and social media. The second is self-regulation and governance measures taken by technology and platform companies. The third is the initiatives taken by civil society and users of digital media. A 2018 report by the Oxford Internet Institute identified measures by 43 governments since 2016 under four categories. One, measures targeting social media platforms. These include content takedown, advertising transparency and data protection. Two, measures against offenders, which include criminalisation of disinformation and automation and expanding the definition of illegal content. Three, measures aimed at civil society groups and media organisations to increase media literacy. Four, measures targeting government capacity, such as parliamentary hearings and cybersecurity units.

**Digital Media Companies**

Following the controversial role of consultancy firm Cambridge Analytica to influence the outcome of the 2016 US presidential elections, Facebook has taken steps to ensure greater transparency and veracity. Other platforms such as Google, Twitter and WhatsApp have, in one way or another, attempted to set up fact-checking mechanisms.

Facebook has partnered with third-party organisations to identify and clamp down on false news and misinformation on the platform. Facebook has now made it easier for users to report fake news and has significantly increased the number of its content reviewers. At the beginning of 2018, there were slightly more than 7,500 reviewers but by end-2018, according to Facebook Chief Operating Officer Sheryl Sandberg's testimony before the US Senate Intelligence Committee, the number of people working on safety and security had doubled. Zuckerberg, in a 2018 essay, 'A Blueprint for Content Governance and Enforcement', acknowledged the many issues facing Facebook's current moderation regime. He wrote that, "…the team responsible for

enforcing these policies is made up of around 30,000 people, including content reviewers who speak almost every language widely used in the world".[4]

Many of these changes have been noted in a recent report published by the Reuters Institute at the University of Oxford. The authors note the positive changes but also advocate more steps. They focus on three areas of improvement. First, content policy or the process which develops the rules for what speech and activity is permissible on Facebook. Second, news feed or the set of algorithms that mediates the information on Facebook users. The third is governance which goes beyond transparency and extends to the internal governance of Facebook and making it accountable to its users and other stakeholders.[5]

Similarly, Google has introduced fact-check labels in the Google news and Google search page. The Google News Lab has also collaborated with First Draft, a non-profit organisation which researches on effective methods for tackling information disorder online. Another significant and much-needed collaboration by technology companies is to debunk rumours and false claims, and accurately report confusing and misleading stories. One of Google's projects, in collaboration with First Draft, was CrossCheck, which was aimed at combating misinformation during the 2017 French presidential elections. However, one of the drawbacks of CrossCheck was that it requested users to report images, news and videos that seemed to be false, where users were assumed to be impartial and media literate.

Under pressure from the Indian government, WhatsApp rolled out some measures at the end of 2018 to curb the spread of rumours and misinformation. WhatsApp has introduced a small tag that appears on messages that have been forwarded rather than sent directly from a user. Users would only be able to forward messages to five chats at once. The feature allowing for quick forwarding of videos and photographs was also removed for Indian users. WhatsApp has reduced the number of contacts or groups a user could forward a message to globally from 100 to 20. In addition, the company ran advertisements in newspapers, on radio stations and television channels to educate users (Figure 4).

4    Zuckerberg, Mark. "A Blueprint For Content Governance And Enforcement | Facebook". Facebook.Com, 15 November 2018. https://www.facebook.com/notes/mark-zuckerberg/a-blueprint-for-content-governance-and-enforcement/10156443129621634/. Accessed on 6 February 2019.
5    Garton Ash, Timothy, Robert Gorwa, and Danaë Metaxa. "GLASNOST! Nine Ways Facebook Can Make Itself A Better Forum For Free Speech And Democracy". An Oxford-Stanford Report, January 2019.  https://reutersinstitute.politics.ox.ac.uk/sites/default/files/2019-01/Garton_Ash_et_al_Facebook_report_ FINAL_0.pdf. Accessed on 6 February 2019.

**Figure 4: WhatsApp advertisement**



Source: Indian Express, 4 December 2018.

## State Intervention

Due to the increasing proliferation of fake news, governments across the world have stepped in. It might be noted that this is complicated by the fact that governments or political parties in power are often responsible for spreading falsehoods. Indeed, US President Donald Trump has made thousands of false claims after assuming office.

Various forms of government regulation, spanning changes in intermediary liability provisions, data protection laws and antitrust measures, have already been implemented and more are on the anvil (Figure 5). Germany's Network Enforcement Act, or NetzDG law, and the European Union's (EU) General Data Protection Regulation (GDPR) are prime examples. NetzDG represents a key test to combat hate speech on the internet. Under the law, which came into effect on 1 January 2018, online platforms face fines of up to €50 million (S$77 million) for a systemic failure to delete illegal content. The GDPR, which came into effect in 2018, aims to harmonise data privacy laws across Europe, protect and empower all EU citizens' data privacy and reshape the way organisations across the region approach data privacy. In the United Kingdom, the parliamentary Digital, Culture, Media and Sports Committee carried out an inquiry into disinformation and, based on its initial report, the government is working on a range of regulatory mechanisms.

In Asia, Singapore took the lead in 2018 by setting up a Parliamentary Select Committee to examine the issue of online falsehoods. The Committee made 22 recommendations to achieve several objectives, including nurturing an informed public; reinforcing social cohesion and trust; promoting fact-checking; disrupting online falsehoods; and dealing with threats to national security and sovereignty. "While building the capacity of individuals and other stakeholders through non-legislative measures is crucial, these alone are insufficient to deal with the strength and serious consequences of deliberate online falsehoods," the Committee reported.

Other Southeast Asian governments, such as those in Indonesia and Malaysia, have also attempted to combat fake news. The Indonesian government has come out with a system to highlight fake news circulated online regularly on its official websites. Similarly, the Malaysian government launched a fact-checking website called Sebenarnya.my to curb the circulation of fake news.

In India, rules proposed by the Information Technology ministry in December 2018 could compel platforms such as Facebook, WhatsApp and Twitter to remove unlawful content, such as anything

that affects the "sovereignty and integrity of India". According to the proposed rules, this has to be done within 24 hours. There have also been some efforts at the grassroots to educate users of social media. In one district in India, for instance, police officers went from door to door to educate people on how to distinguish real news from disinformation.

Finally, there is the extreme case of China where, from as early as 2013, the government had started cracking down on what it called online rumours. Bloggers can be prosecuted for posting rumours seen by more than 5,000 people or forwarded more than 500 times. The aim was to target influencers with a large online following. Some were jailed and others made to apologise on television for what they might have posted on sites such as Weibo.

**Figure 5: Government action against online misinformation**



Source: Funke, Daniel. "A Guide To Anti-Misinformation Actions Around The World". Poynter (2018). https://www.poynter.org/ifcn/anti-sinformation-actions/.

**Media Literacy**

The concept of media literacy refers to "the ability to access, analyse, evaluate and create media in a variety of forms", as defined by the Centre for Media Literacy, an educational organisation based in the US dedicated to promoting and supporting media literacy education. The American Library Association's digital-literacy task force defines digital literacy as the "ability to use information and communication technologies to find, evaluate, create, and communicate information, requiring both cognitive and technical skills".

Citizens are an integral part of media literacy. For instance, Indonesian activist Septiaji Eko Nugroho launched the Indonesian Anti Hoax Community, or Mafindo, to bring awareness about false news online. Septiaji claims money is the prime reason behind the spread of fake news in Indonesia.

A handful of dedicated fact-checking sites geared towards combating viral false news exist in India, including Alt News, Check4Spam and Social Media Hoax Slayer. All of them are involved in the herculean task of unearthing and pulling down fake news and inflammatory material.

To some extent, technology companies too are involved in educating citizens about fake news. For instance, Twitter is attempting to encourage users to be good digital citizens online and inhabit the positive potential to raise awareness.

A 2016 report by the Stanford History Education Group, which analysed the work of nearly 8,000 students, found that a majority were unable to tell sponsored advertisements from real articles, or to recognise where information was coming from. Among the suggestions to cultivate digital literacy were the following: students need to be able to identify possible motives an article might have; they need to be able to identify tone and bias; and they need to learn to be sceptical of sources and develop tools to check them.

Singapore is among the first few countries to have inculcated digital media literacy into the school curriculum. Singapore Ministry of Education's cyber-wellness framework implemented since 2008 "helps students become more responsible digital learners, seeks to develop their instinct to protect themselves and empower them to take responsibility for their well-being in cyberspace".

# Conclusion

The 18th century essayist Jonathan Swift once wrote, "Falsehood flies, and the Truth comes limping after it." This seems especially true of digital media. The issues around digital media, fake news and regulations assume immense importance in 2019 as major democracies, including India and Indonesia, head to elections. While the state will play a role in regulation, the question becomes fraught since several ruling dispensations are themselves in the business of circulating fake news and propaganda. In India alone, according to news reports, political parties are creating thousands of WhatsApp group chats leading some to call it a 'WhatsApp election'. The ruling Bharatiya Janata Party had reportedly drawn up plans to have three WhatsApp groups for each of India's 927,533 polling booths. With each group containing a maximum of 256 members, that number of group chats could possibly reach more than 700 million, although in reality the number is likely to be much less.[6]

Thus, the lead has to be taken by the digital media companies, platforms and civil society. In the 2018 Brazilian election, WhatsApp banned hundreds of thousands of accounts; it did the same in India. There are several other measures being contemplated. Facebook, which has got most of the flak, has announced a US$300 million (S$406.3 million) investment into news programmes, partnership and content. It will also host a series of workshops around the world where experts and organisations which work on a range of issues, such as free expression, technology and democracy, procedural fairness and human rights, will be invited.

Facebook has announced several specific measures for India and Indonesia. It has tied up with a digital fact-checking media start-up, Boom Live, and news agency, AFP, to fight disinformation. Boom Live's team helps Facebook fact-check in Hindi and Bengali, and will also fact-check photographs and videos. Facebook's security team says it can monitor content in 16 languages in India. Similarly, in Indonesia, Facebook has enlisted a number of local media outlets as fact-checkers to tackle disinformation. However, Facebook's policies of pulling down content have been criticised for a lack of transparency. It has been accused in countries like India of disproportionately targeting and disabling anti-government content.

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6    Perrigo, Billy. "How Volunteers For India's Ruling Party Are Using Whatsapp To Fuel Fake News Ahead Of Elections". Time, 25 January 2019. http://time.com/5512032/whatsapp-india-election-2019/. Accessed on 6 February 2019.

While these efforts may not be enough to tackle what is a problem of immense proportions, they are a start. At the same time, the negative publicity around digital media and disinformation comes with the danger of drowning out the democratic potential associated with social media. Not long ago, social media platforms were being lauded for ushering in democratisation, and the Arab Spring of 2010-12 was even dubbed a 'Twitter Revolution'. Recently, during the constitutional and political crisis in Sri Lanka, citizens and civil society groups used digital platforms to voice their concerns and resistance.

The corrective actions by the state as well as digital media platforms raise vital questions about surveillance and freedom of information. However, there is no golden mean and solutions to regulate digital media and disinformation will remain contentious and a work in progress.

# Appendix 1
# List of Participants

**Chairperson**
Dr Ronojoy SEN
Senior Research Fellow and
Research Lead (Politics, Society and
Governance)
Institute of South Asian Studies
National University of Singapore

**Speakers**

Professor C Raja Mohan
Director, Institute of South Asian Studies
National University of Singapore

Mr Philip CHUA
Global Lead for Government and Elections
Twitter

**Participants**

Dr Shobha AVADHANI
Instructor
Centre for English Language Communication
National University of Singapore

Dr Annisa R BETA
Post-Doctoral Fellow
Department of Communications and New
Media
National University of Singapore

Dr Terence CHONG
Senior Fellow and Deputy Director
ISEAS-Yusof Ishak Institute

Mr Philip CHUA
Global Lead for Government and Elections
Twitter

Dr Shashi JAYAKUMAR
Head, Centre of Excellence for National
Security
Executive Coordinator of Future Issues and
Technology
S Rajaratnam School of International
Studies, Nanyang Technological University

Ms Katharina NAUMANN
Programme Manager, Digitalisation
Konrad-Adenauer-Stiftung Ltd

Ms Aishwarya NATARAJAN
Research Associate
Rule of Law Programme Asia
Konrad-Adenauer-Stiftung Ltd

Dr Taberez NEYAZI
Assistant Professor
Department of Communications and New
Media
National University of Singapore

Ms ONG Ee Ing
Lecturer, School of Law
Singapore Management University

Dr Asha Rathina PANDI
Lecturer
Department of Communications and New
Media
National University of Singapore

Dr Natalie PANG
Senior Research Fellow
IPS Social Lab, Institute of Policy Studies
Lee Kuan Yew School of Public Policy
National University of Singapore

Dr Anuradha RAO
Independent Researcher; and Academic
Consultant
Next Gen Smart Transformations

Mr Pritam SINGH
Member of Parliament for Aljunied GRC

Professor Eugene TAN
Associate Professor of Law
Singapore Management University

Mr Martino TAN
Deputy Managing Director and
Managing Editor
Mothership.sg

Dr Zhang WEIYU
Associate Professor
Department of Communications and New
Media
National University of Singapore

**Observers**

Ms Jun CHU
Head of Public Policy for Greater China
Twitter

Mr Jeremy HO
APAC Public Policy Fellow
Twitter

Mr Vivek RAGURAMAN
Assistant Director, Emerging Markets
Ministry of Trade and Industry, Singapore

**Institute of South Asian Studies**

Dr Amitendu PALIT
Senior Research Fellow and
Research Lead (Trade and Economic Policy)

Dr Diego MAIORANO
Visiting Research Fellow

Dr Iqbal Singh SEVEA
Visiting Research Associate Professor

# Appendix 2
# About the Authors

**Dr Ronojoy Sen** is Senior Research Fellow and Research Lead (Politics, Society and Governance) at the Institute of South Asian Studies and a lecturer at the South Asian Studies Programme, National University of Singapore. He has worked for over a decade with leading Indian newspapers, most recently as an editor for The Times of India.

His latest book is *Nation at Play*: *A History of Sport in India* (Columbia University Press/ Penguin, 2015). He is also the author of *Articles of Faith: Religion, Secularism, and the Indian Supreme Court* (Oxford University Press, 2010) and has edited several books, the latest being *Media at Work in China and India* (Sage, 2015). He has contributed to edited volumes and has published in several leading journals. He also writes regularly for newspapers.

Dr Sen has a PhD in political science from the University of Chicago and read history at Presidency College, Calcutta. He has held visiting fellowships at the National Endowment for Democracy, Washington, DC, the East-West Center Washington and the International Olympic Museum, Lausanne, Switzerland.

**Ms Vani Swarupa Murali** is a Research Analyst at the Institute of South Asian Studies, National University of Singapore.

She received her Master in Asian Studies from the S Rajaratnam School of International Studies at the Nanyang Technological University, Singapore. She has a Bachelor in Social Sciences degree from Singapore Management University.

Ms Murali's research interests focus on the study of domestic politics in India, and on finance and development.

**Institute of South Asian Studies**

National University of Singapore
29 Heng Mui Keng Terrace #08-06 (Block B)
Singapore 119620
Tel      : (65) 6516 4239
Fax      : (65) 6776 7505
URL      : www.isas.nus.edu.sg