

Title of paper - Introduction to Forensic Science			
Research and Analysis Wing (RAW)	Introduction to Forensic Science	Prof. Devasish Bose	

Introduction to Forensic Science

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Modules	FAQS	LOR	Objectives	Summary	Quiz	Assignments	Reference	Glossary	Links
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Full academic script (around 3000 words)

Research and Analysis Wing (RAW)

Module1: Introduction and history of RAW

Module2: Objectives of RAW

Module3: Organizational structure of RAW

Module4: Recruitment and training

Module5: Operations carried out by RAW

Module6: Conclusion

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Let's start our discussion

Module1: Introduction and history of RAW

My dear students, **Research and Analysis Wing** acronym **RAW** is the primary external intelligence agency of the Republic of India. After Sino-Indian War in 1962 and Indo-Pakistan War in 1965 Government of India feels the necessity of an external intelligence agency, which can fill the loop and holes of information gathered by Intelligence Bureau (which was dealing

both internal and external intelligence). The primary function of R&AW is collection of external intelligence and counter-terrorism. In addition, it is responsible for obtaining and analyzing information about foreign governments, corporations and persons to advise Indian policymakers. R&AW is an effective and one of the primary instruments of India's national power. The headquarters of RAW is at New Delhi.

RAW is working with the motto of 'Darmo Rakshati Rakshitah:', which basically means that who does not observe Dharma is destroyed, while who follows it meticulously is protected. Dharma, in this context, stands for the nation.

India's external intelligence agency, the Research and Analysis Wing (RAW), as we know is doing a great job now but it has long faced allegations of meddling in its neighbors' affairs. From the beginning of its foundation in 1968, primarily it focus to counter China's influence, over time it has shifted its focus to India's other traditional rival, Pakistan. RAW and Pakistan's spy agency ISI, the Inter Service Intelligence; have been engaged in covert operations against one other for over three decades.

Now dear students we will focus on the brief history of emerging of RAW.

RAW came into existing on September 21st, 1968, after the Sino-Indian war of 1962 and the India-Pakistan war of 1965. These wars show the gaps of intelligence gathered by IB. The then Prime Minister late Smt. Indira Gandhi, and her government, felt the need for an agency that would raise an alarm, and protect India before it went to war, or was hit by a terror attack. This agency would counter, or tackle them with whatever step they deemed necessary.

Until 1968, the Intelligence Bureau (IB), which is responsible for India's internal intelligence, also handled external intelligence. But after India's miserable performance in a 1962 border war with China, the need for a separate external intelligence agency was clear. During that conflict, "our intelligence failed to detect Chinese build up for the attack," writes Maj. Gen. VK Singh, a retired army officer who did a stint in RAW, in his 2007

book, *India's External Intelligence: Secrets of Research and Analysis Wing*. As a result, India established a dedicated external intelligence agency, the Research and Analysis Wing. The last forty years the organization has expanded and maintains itself as the one of greatest intelligence agencies. Experts say RAW's powers and its role in India's foreign policy have varied under different prime ministers. RAW's first director was Rameshwar Nath Kao.

RAW claims that it contributed to several foreign policy successes:

- The creation of Bangladesh in 1971;
- India's growing influence in Afghanistan;
- The northeast state of Sikkim's accession to India in 1975;
- The security of India's nuclear program;
- The success of African liberation movements during the Cold War.

Module2: Objectives of RAW

My dear students the main objective of any intelligence agency is to collect intelligence and information. The prime objective of RAW is also to collect intelligence. It collects information via espionage, psychological warfare, subversion, sabotage and assassinations. It also maintains collaboration with other countries and their intelligence agencies e.g. it is having contacts with FSB of Russia, NDS the Afghan agency, Israel's Mossad, the CIA of America and MI6 of England have been well-known. RAW has been active in obtaining information through third countries like Afghanistan, the United Kingdom, Hong Kong, Myanmar and Singapore. Though Initially RAW was intended for collecting intelligence at nearby India's national border but later on It maintains a strong presence in all fields of intelligence gathering.

There are following objectives of RAW:

- To monitor the activities which have a direct bearing on India's national security and the formulation of its foreign policy like political, military, economic and scientific developments in countries.

- To monitor the political and military developments in adjoining countries, which have direct bearing on India's National security
- Covert Operations to safe guard India's National interests.
- Anti – Terror Operations and neutralizing terror elements posing a threat to India.
- To provide security for India's nuclear program.
- To watch the development of international communism and schism because both these have a direct impact on the communist parties in India.
- To gather intelligence on leadership, capabilities and organization of various insurgency groups operating in adjacent states that pose a national security or integrity threat, and to neutralize these using covert operations, assassinations, sabotage, indirect political coercion and exo-agent and inter agent collusion where possible.
- To control and limit the supply of military hardware to Pakistan, from mostly European countries, America and more importantly from China.
- To monitor technical and technological espionage under the auspices of the National Technical Facilities Organization (NTFO).
- To further geopolitical goals, encourage a strategic balance and external collusion with domestic insurgency groups by establishing working relationships with secessionist agencies abroad.
- Molding international public opinion and influence foreign governments with the help of the strong and vibrant Indian diaspora.

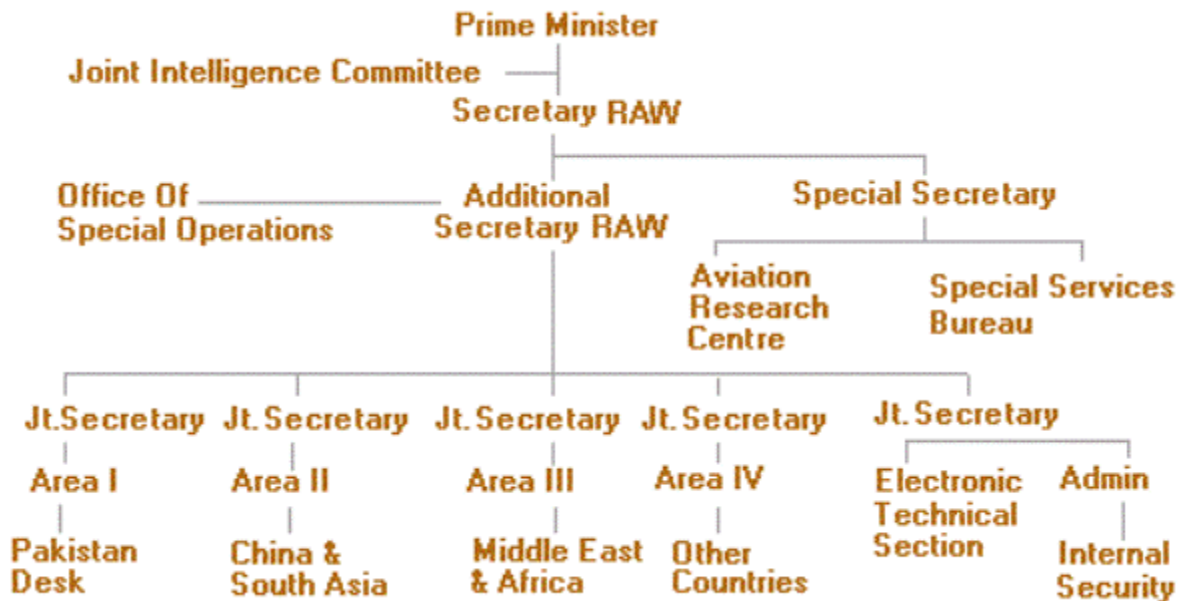
Module 3: Organizational structure of RAW

In present time India's external agency RAW is one of the best agencies in the world. A combination of military, academicians, bureaucrats and policemen was a fine starts for RAW. Later it is modeled itself on the lines of CIA.

The head of R&AW is designated Secretary (Research) in the Cabinet Secretariat which is under direct command of Prime Minister, reports on an administrative basis to the Cabinet Secretary, who reports to the Prime Minister. But generally the Secretary (Research) reports to the National Security Advisor daily. The head of the Research & Analysis Wing (RAW), the external intelligence agency, enjoys greater autonomy of functioning as he has a direct access to the Prime Minister. The control of the Cabinet Secretary over the RAW is limited to administrative

and financial matters, with very little say in operational and policy matters. An Additional Director is responsible for the Office of Special Operations and intelligence collected from different countries processed by large number of Joint Secretaries.

As for as the Secretary (Research) is concern: Two Special Secretaries and one Special Director of the ARC, the Aviation Research Centre. Apart from these, four Additional Secretaries are responsible for different geographical regions and a large number (above 40) Joint Secretaries, who are the functional heads of various desks. Intelligence is usually collected from a variety of sources by field officers and deputy field officers; it is either pre-processed by a senior field officer or by a desk officer. The desk officer then passes the information to the Joint Secretary and then on to the Additional Secretary and from there it is disseminated to the concerned end user. RAW is having different regional headquarters, which have direct links to overseas stations and are headed by a controlling officer who keeps records of different projects assigned to field officers who are posted abroad.



Another important branch under the operational control of the RAW is the Directorate General of Security (DGS). This agency has oversight over organizations like the Special Frontier Force (SFF), the Special Services Bureau (SSB) & matters related with the military is maintained

through the Military Intelligence Advisory Group and the Military Advisor to the Director of RAW.

Module4: Recruitment and training

Dear students firstly we will discuss about the recruitment. Initially, RAW relied primarily on trained intelligence officers who were recruited directly. These belonged to the external wing of the Intelligence Bureau. Many personnel's are also taken from the military, police and other services. Later, RAW began directly recruiting graduates from universities.

The Research and Analysis Service (RAS) started from 1983 & RAW created its own service cadre, to absorb talent from other UPSC Group A officer cadre. Direct recruitment at Class I executive level is from Civil services officers undergoing foundation course at Lal Bahadur Shastri National Academy of Administration. At the end of the course, RAW conducts a campus interview. Based on a selection of psychological tests and the interview, candidates are inducted into RAW for a period of one year. During this period, they have an option of rejoining their parent service (if they wish to) after which they can be permanently absorbed into the Research and Analysis Service. Officers are also deputed from the Indian Revenue Service.

Additionally, recruitment is also by lateral deputation from the Armed Forces or Civil Service Officers. The Civil and Defense Service Officers permanently resign their cadre and join the RAS. But now there is a provision to rejoin their parent service after serving a specific period in RAW, if they wish to join. Most of the secretaries have been officers from the IPS.

RAW also employs a number of linguists and other experts in various fields. The service conditions of RAW officers are governed by the Research and Analysis Wing (Recruitment, Cadre and Service) Rules, 1975.

Therefore we can say that some officers of RAW are members of specialized service RAS, but mostly other officers are serving on direct deputation from other services. Apart from these RAW is also having other sub-organizations like Aviation Research center, Radio research center, or Electronic and Technical services, which have a great capacity for gathering and recruiting technical officers and candidates.

Now dear students we will focus on the training in RAW. Training is completed in two terms; first one is basic training while other one is advanced training. So let's start with basic training.

Basic Training: Main motto of basic training is to make familiar the recruit with the real world of intelligence and espionage which is totally different from the spies of fiction. Basic training starts with 'pep talks' to boost the morale of the new recruit, which is a ten-day phase. Common usages, tradecraft techniques and classification of information are taught. Financial and economic analysis, space technology, information security, energy security and scientific knowledge are also given to the trainees. The recruit is made to specialize in a foreign language and introduced to Geo strategic analysis.

During basic training different case studies of other agencies like CIA, KGB, ISI, Mossad and Secret Intelligence Service are presented for study. The trainee is also taught that intelligence organizations do not identify who is friend and who is not, the country's foreign policy does. RAW's training institute is situated at Gurgaon. Basic classroom training to RAW officers are imparted at RAW's Training Institute. A multi-disciplinary school of economic intelligence is also being set up in Mumbai to train intelligence officers in investigating economic crimes like money laundering for terror purposes etc.

Advanced Training: After completing 'Basic Training' the recruits are attached to a Field Intelligence Bureau (FIB). Training here lasts for 1–2 years. In advanced training candidate is trained

- To work in unfavorable climatic conditions like extreme cold.
- During night exercises under realistic conditions, personnel are taught infiltration and exfiltration.
- Personnel are instructed to avoid capture and if caught, how to face interrogation.
- Personnel learn the art of reconnoiter, making contacts, and, the numerous skills of operating an intelligence mission.

At the end of the field training, the new recruit is brought back to the school for final polishing. As in intelligence services self- defense is very important therefore before his deployment in the field, he is given exhaustive training in the art of self-defense, and the use of technical espionage

devices. The Personnel are also drilled in various administrative disciplines so that they could take their place in the foreign missions without arousing suspicion.

The Personnel are now ready to operate under the cover of an Embassy to gather information, set up his own network of informers, moles or operatives as the task may require. Field training is completed in the Indian Military Academy, whose headquarters is situated at Dehradun.

Module 5: Operations carried out by RAW

There are many different secret operations carried out by the external intelligence agency of India RAW, but here we are going to discuss some of those. So let's talk about the firstly on Operation Smiling Buddha.

1. Operation Smiling Buddha-

Dear student it is not the operation to increase the money by keeping smiling Buddha in home. This operation is related to maintain secrecy of the first nuclear test by India in 1974 and RAW played a key role in maintaining the secrecy. It was in fact, such a secret mission that even the intelligence agencies of countries like China and USA were unaware of any such activity by India. RAW is external intelligence agency but this is the first time where RAW completed its duties inside India. This operation was in relation to the nuclear program of India, and it was RAW's task to maintain its security and secrecy until 18th May 1974 when India detonated a 15 kiloton nuclear device at Pokhran, thereby gaining the valuable membership of the nuclear club. It was one of the most remarkable achievements of India as all the intelligent agencies of the world had remained in oblivious to this matter until it actually took place—and needless to say, took the whole world by surprise. And, for all these, the credit goes to the great Indian scientists and RAW.

2. Operation Sikkim-

Now Sikkim is a part of Indian Territory but till 1975 this state was ruled by a Maharaja Chogyal or Dharma Raja. Actually Sikkim is a hilly state in Himalayan range and is bordered by foreign countries like Bhutan, Nepal, and Tibet. China can take help from these countries to counter India. In 1972, Prime Minister Indira Gandhi ordered RAW to undertake and establish a pro-

Indian democratic Government therein. The efficient RAW was able to solve this task and on 26 April 1975, Sikkim is recognized as 22nd state of Indian Union.

3. Operation Chanakya-

RAW had tried to maintain peace in Kashmir valley by operation Chanakya. It was the operation to infiltrate various ISI-backed Kashmiri separatist groups. RAW did a great job in infiltration of area and collected military intelligence. It also succeeded to provide evidence of ISI's involvement to provoke Kashmiri separatist groups by funding and training them. RAW not only succeeded in unearthing the links of ISI and separatist group but also neutralizing the militancy in Kashmir valley. RAW is also credited for creating a split in the Hizb-ul-Mujahideen.

4. Kargil war-

Every one of you know about the Kargil war. But you know RAW was heavily criticized in 1999, for failing to provide intelligence that could prevent the full scale war between India and Pakistan. But the reality is different. RAW officers pointed the finger at politicians, and clamming that they had provided all the information. However, R&AW was successful in intercepting a telephonic conversation between Pervez Musharraf, the then Pakistan Army Chief who was in Beijing and his chief of staff Lt. Gen. Mohammed Aziz in Islamabad. This tape later on confirmed the Pakistan's involvement in Kargil war.

5. 26/11 Mumbai attack-

26/11 was the black day for Indians. But about 2–6 months before 26/11 Mumbai attacks RAW had intercepted several telephone calls which pointed that Pakistan based terrorists are planning to attack on Mumbai Hotels, however there was a co-ordination failure and no follow up action was taken. When the attackers were sailing towards Mumbai, few hours before the attack, a RAW technician Monitored satellite transmission in which attackers and handlers were doing conversation. The technician found the conversation as being suspicious and passed them on to his superiors. RAW immediately alerted the office of the National Security Advisor but the intelligence was ignored. After the terrorist attack in Mumbai, RAW technicians started monitoring the six phones used by the terrorists and recorded conversations between the

terrorists and their handlers. And few months later they nabbed Sheikh Abdul Khwaja, one of the handler of 26/11 attacks.

Module 6: Conclusion

After the discussion of history, foundation and organizational structure of RAW as well as cases solved by the agency we can conclude that to maintain peace and security all over the country, RAW is playing a great job. It is gathering the intelligence from neighboring countries before starting of war, keeping eye on the gathering of nuclear bombs and missiles collection, Securing national border from outside the country.

But according to my point of view, It is very bad that those officer who are undercover agents of RAW, not getting full support and security from the side of government of India. Even after the death their body can't be buried in their motherland. One undercover agent of RAW whose name was Black Tiger given by prime minister did a great job for Indian Intelligence but didn't get motherland after death. In the letters posted to his family by himself from the foreign jail he wrote, "Kya Bharat jaise bade desh ke liye kurbani dene waalon ko yahi milta hai?" (Is this the reward a person gets for sacrificing his life for India?)

At last I would suggest that government should change the policy related with spies.

LOR-

1. RAW is the acronym of what?

Ans- Research and Analysis Wing.

2. In which year RAW has come into existence?

Ans- In 1968 Raw has come into existence.

3. Give any two objectives of RAW?

Ans- There are following objectives of Raw-

- To monitor the activities which have a direct bearing on India's national security and the formulation of its foreign policy like political, military, economic and scientific developments in countries.
- To monitor the political and military developments in adjoining countries, which have direct bearing on India's National security

4. Give name of any two operations carried out by RAW?

Ans- Operation smiling Buddha and Operation Chanakya

5. Before RAW which agency of India was dealing with external intelligence?

Ans- before RAW, Intelligence Bureau (IB) was dealing with external intelligence.

FAQs-

1. What was operation Chanakya?

Ans- RAW had tried to maintain peace in Kashmir valley by operation chanakya. It was the operation to infiltrate various ISI-backed Kashmiri separatist groups. RAW did a great job in infiltration of area and collected military intelligence. It also succeeded to provide evidence of ISI's involvement to provoke Kashmiri separatists groups by funding and training them. RAW not only succeeded in unearthing the links of ISI and separatists group but also neutralizing the militancy in Kashmir valley. RAW is also credited for creating a split in the Hizb-ul-Mujahideen.

2. Explain the role of RAW in Kargil war.

Ans- RAW was heavily criticized in 1999, for failing to provide intelligence that could prevent the full scale war between India and Pakistan. But the reality is different. RAW officers pointed the finger at politicians, and clamming that they had provided all the information. However, R&AW was successful in intercepting a telephonic conversation between Pervez Musharraf, the then Pakistan Army Chief who was in Beijing and his chief of staff Lt. Gen. Mohammed Aziz in Islamabad. This tape later on confirmed the Pakistan's involvement in Kargil war.

3. Elaborate Operation Smiling Buddha.

Ans- This operation was in relation to the nuclear program of India, and it was RAW's task to maintain its security and secrecy until 18th May 1974 when India detonated a 15 kiloton nuclear device at Pokhran, thereby gaining the valuable membership of the nuclear club. It was one of the most remarkable achievements of India as all the intelligent agencies of the world had remained in oblivious to this matter until it actually took place—and needless to say, took the whole world by surprise. And, for all these, the credit goes to the great Indian scientists and RAW.

4. Explain the advanced training of RAW agents?

Ans- After completing 'Basic Training' the recruits are attached to a Field Intelligence Bureau (FIB). Training here lasts for 1–2 years. In advanced training candidate is trained

- To work in unfavorable climatic conditions like extreme cold.
- During night exercises under realistic conditions, personnel are taught infiltration and exfiltration.
- Personnel are instructed to avoid capture and if caught, how to face interrogation.
- Personnel learn the art of reconnoiter, making contacts, and, the numerous skills of operating an intelligence mission.

5. What was the role of RAW in making Sikkim as a state of India?

Ans- Now Sikkim is a part of Indian union but till 1975 this state was ruled by a Maharaja Chogyal or Dharma Raja. Actually Sikkim is a hilly state in Himalayan range and is bordered by foreign countries like Bhutan, Nepal, and Tibet. China can take help from these countries to counter India. In 1972, Prime Minister Indira Gandhi ordered RAW to undertake and establish a pro-Indian democratic Government therein. The efficient RAW was able to solve this task and on 26 April 1975, Sikkim is recognized as 22nd state of Indian Union.

6. What are the objectives of RAW?

Ans- There are following objectives of RAW;

- To monitor the activities which have a direct bearing on India's national security and the formulation of its foreign policy like political, military, economic and scientific developments in countries.
- To monitor the political and military developments in adjoining countries, which have direct bearing on India's National security
- Covert Operations to safe guard India's National interests.

7. What is the motto of basic training of RAW agents?

Ans- Main motto of basic training is to make familiar the recruit with the real world of intelligence and espionage which is totally different from the spies of fiction. Basic training starts with 'pep talks' to boost the morale of the new recruit, which is a ten-day phase. Common usages, tradecraft techniques and classification of information are taught. Financial and economic analysis, space technology, information security, energy security and scientific knowledge are also given to the trainees. The recruit is made to specialize in a foreign language and introduced to Geo strategic analysis.

8. Give some foreign successful operation of RAW.

Ans- Operations are as follows;

- The creation of Bangladesh in 1971
- India's growing influence in Afghanistan
- The northeast state of Sikkim's accession to India in 1975
- The security of India's nuclear program
- The success of African liberation movements during the Cold War
-

Objectives-

1. The main objective of this unit is to make the students aware about the functioning of RAW.
2. To make the students aware about the training of RAW agents.
3. To give them Knowledge about the organizational structure of RAW.
4. To make them knowledgeable about the area and operations covered by RAW.

5. To make the students aware about the objectives of RAW.

Summary-

RAW is the external intelligence agency of our country, which gathers intelligence from outside the India and borderline Area. To maintain peace and security all over the country, RAW is playing a great job. It is gathering the intelligence from neighboring countries before starting of war, keeping eye on the gathering of nuclear bombs and missiles collection, Securing national border from outside the country. It also maintains collaboration with other countries and their intelligence agencies. e.g. it is having contacts with FSB of Russia, NDS the Afghan agency, Israel's Mossad, the CIA of America and MI6 of England have been well-known. RAW has been active in obtaining information through third countries like Afghanistan, the United Kingdom, Hong Kong, Myanmar and Singapore. RAW officer are trained to gain intelligence by giving them basic and advanced training. By operating different operations like operation Leech, Operation Chanakya, Operation Laughing Buddha as well as information gathered before and after Kargil war and Mumbai Attacks, RAW shows its strength in gathering information.

Quiz-

1. In which year RAW was established as external intelligence agency of India?
 - a) 1968
 - b) 1978
 - c) 1848
 - d) 1947

Ans- a

2. Real name of agent black tiger is?
 - a) Ram Krishna
 - b) Rahman Kumar
 - c) Ravinder Kaushik
 - d) Sukhvinder Singh

Ans- c

3. Kargil war fought between;
 - a) India and Pakistan
 - b) India and China
 - c) Pakistan and Bangladesh

d) Nepal and Bhutan

Ans- a

4. Which of the following is not the operation of RAW?

- a) Operation Leech
- b) Operation Chanakya
- c) Operation Laughing Buddha
- d) None of the above

Ans- d

5. RAW stands for;

- a) Radio and Wireless services
- b) Radio and Wind
- c) Research and Analysis Wing
- d) Radar and Wind

Ans- c

Assignments-

1. Write about different operations carried out by RAW.
2. Write down the functions of RAW.
3. Explain the role of RAW in maintaining peace, law and order in India.
4. Elaborate the Organizational Structure of RAW.
5. Explain the relations of RAW and central government of India.

Glossary-

1. Aviation- It is the practical aspect or art of aeronautics, being the design, development, production, operation and use of aircraft, especially heavier than air aircraft
2. CIA- Central Investigation Agency
3. Covert- Concealed, secret or disguised
4. Defense- The action of defending from or resisting attack
5. Insurgency- An active revolt or uprising
6. Intelligence- The collection of information of military or political value
7. ISI- Inter Service Intelligence
8. Pokhran- A place in Rajasthan, India
9. Liberation- Freedom from limits on thought or behavior
10. NDS- Afgan intelligence Agency

Links-

1. www.defenceforumindia.com
2. www.cfr.org/backgrounder/raw-indias-external-intelligence-agency
3. www.indiatimes.com
4. www.wikipaedia.com