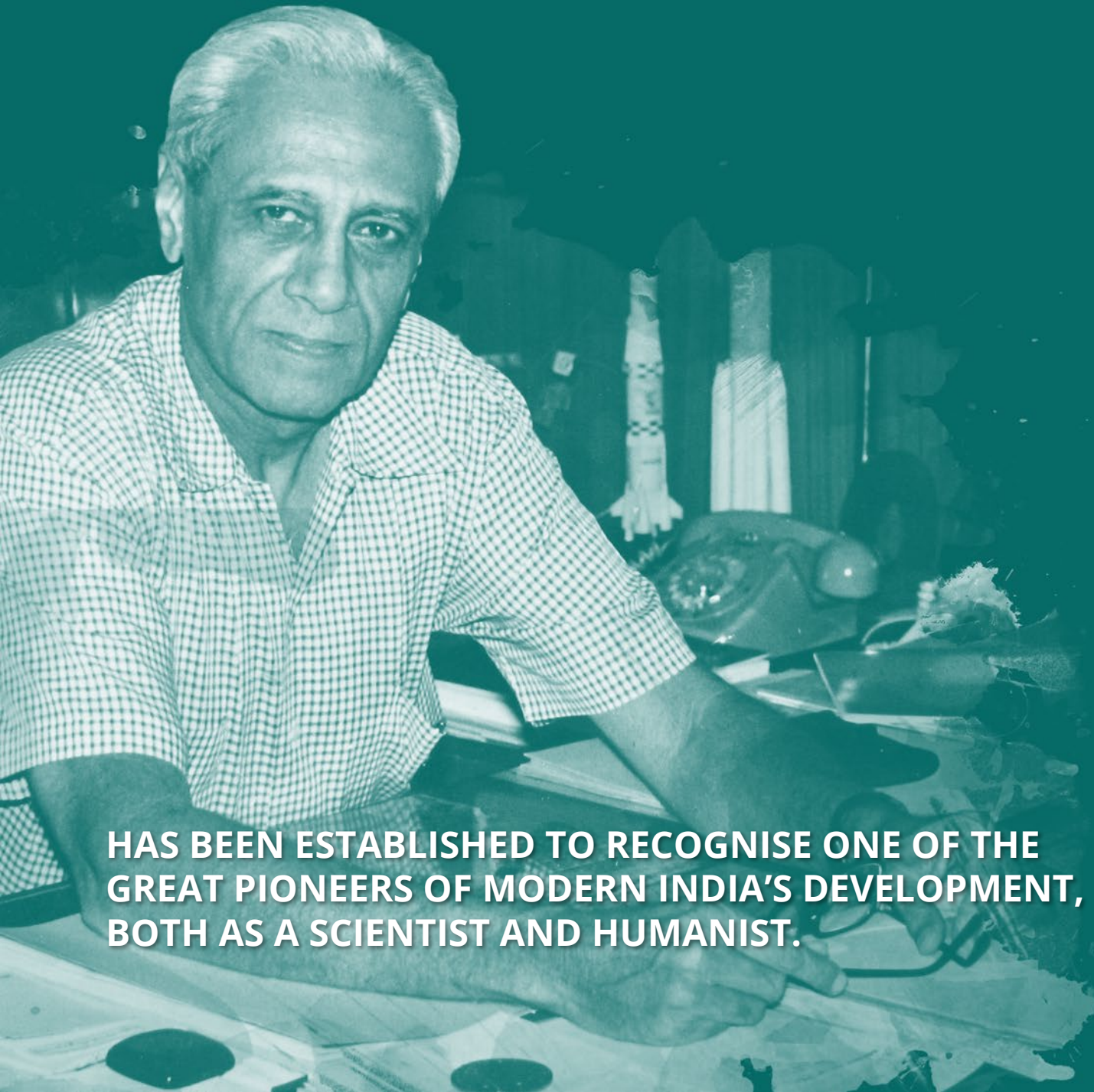


THE SATISH DHAWAN FOUNDATION



HAS BEEN ESTABLISHED TO RECOGNISE ONE OF THE GREAT PIONEERS OF MODERN INDIA'S DEVELOPMENT, BOTH AS A SCIENTIST AND HUMANIST.



Professor Satish Dhawan

25th September 1920 – 3rd January 2002

Born in Srinagar in 1920, Satish Dhawan was recognised not only as one of India's pre-eminent scientists, but also as an inspirational humanist and teacher.

Educated in India and the United States, he was widely regarded as the father of experimental fluid dynamics research in India, set up the country's first supersonic wind tunnel at the Indian Institute of Science and pioneered research on relaminarization of separated boundary layer flows, three-dimensional boundary layers and trisonic flows .

In 1972, he succeeded Vikram Sarabhai, the founder of the Indian space programme, as Chairman of the Indian Space Research Organisation (ISRO). As the Chairman of the Space Commission and Secretary to the Government of India in the Department of Space, he directed the Indian space programme through a period of extraordinary growth and spectacular achievement. He was also a popular and inspirational professor at the Indian Institute of Science, (IISc) located in Bangalore.

Prof. Satish Dhawan carried out pioneering experiments in rural education, remote sensing and satellite communications. His efforts led to operational systems like INSAT- a telecommunications satellite; IRS - the Indian Remote Sensing satellite, and the Polar Satellite Launch Vehicle (PSLV), that placed India in the league of space-faring nations.

Following his death in 2002, the Indian satellite launch centre at Sriharikota, Andhra Pradesh, was renamed as the Prof. Satish Dhawan Space Centre.

The ISRO marked Professor Dhawan's passing with the following:

"A multifaceted personality, Prof Dhawan, was truly one of the most distinguished Indians of our times - a brilliant aeronautical engineer, an outstanding Space scientist, a Philosopher, a humanist, and above all else, a great visionary. His great human qualities, combining intense personal charm with a deep commitment to social values and an extraordinary objectivity in management, have led several generations of students, colleagues and administrators to efforts that would not have been undertaken otherwise."

While many awards were bestowed on Prof Dhawan for his contribution to science and technology by various bodies within India and abroad, the citation presented to Prof Satish Dhawan when he was awarded the 1999 Indira Gandhi Award for National Integration brings out the essence of the man:

"...the award goes fittingly to one of our foremost scientists, teachers, and national builders, Prof Satish Dhawan, who has made multi-dimensional contributions to scientific education, research, policy formulation and implementation and is deeply concerned with the solution of national problems through the use of science..."





ISRM EXECUTIVE DIRECTOR DR DAVID RUBENS WRITES:

Thirty-five years ago, when I was a young man travelling the world, I spent two and a half years in India. As part of that, I spent a year in Auroville, a quasi-spiritual community near Pondicherry. It was during that period that I met Professor Dhawan's daughter, and through her was introduced to her father (though at the time, I didn't know who he was or the nature of his standing). Over the following year I was invited to stay at their house whenever I visited Bangalore.

Both Satish Dhawan and his wife Nalini, who was an accomplished cytogeneticist in her own right, ran a house that was a perfect mix of global internationalism and deep-rooted attachment to Indian culture and values. It was also home to some of the most marvellous food on the planet! To a perennially hungry young traveller, it became a place that I was not only attached to, but influenced me in my understanding of what a good life well-lived looked like.

I remember the bear-hug that Satish gave me when we last met, on 19th February 1984 – I even noted it in the diary I was keeping at the time! It was shortly after that that I left India, and carried on with different adventures.

When it was proposed to establish the Indian Chapter of the ISRM, I immediately thought that I would like to set up something in Satish Dhawan's memory, and I am delighted that we are now able to launch this Foundation in his name.

It was immediately clear to anyone that knew Professor Dhawan that he was an educator to his very bones. Not only in the fact that he taught classes, but in the way that he lived his life, built his relationships and above all, made a contribution to the communities that he lived and worked in.

I hope that this Foundation programme will allow that spirit to be passed on to the next generation of Indian researchers, teachers and leaders and, in some small way, contribute to ensuring that both the legacy and memory of Satish Dhawan are sustained into the future.

THE SATISH DHAWAN FOUNDATION SCHOLARSHIP PROGRAMME

The Satish Dhawan Foundation has been established to give opportunities to Indian researchers in all aspects of strategic risk and crisis management. They will be able to benefit from the opportunity of being part of a global programme, whilst at the same time making a significant contribution to understanding the challenges that India is facing, and the range of solutions that will need to be developed in order to engage with them in a meaningful way.

It consists of fully-funded access for ten successful candidates a year to a two-year programme involving two academic courses, both of which are regulated by the UK government Office of Qualifications (Ofqual). They appear on the official Register of Qualifications and carry full academic and professional accreditation.



CANDIDATES

Candidates will be involved in some aspect of strategic risk and crisis management activity.

This can be academic, professional, policy-making, journalism, consultancy or any other approach that would allow the candidate to demonstrate that they would benefit from the Foundation programme, but would also make a contribution on a local, national, regional or global level both through their enrolment on the programme and through potential future activities.

In most circumstances candidates would be expected to have a previous academic qualification, though not necessarily in risk, crisis management or associated subjects. This would give a grounding in academic reading research and writing, but is not an absolute pre-requisite.

Candidates would be under thirty-five years of age on the starting date of the programme.



APPLICATION PROCESS

Candidates would need to register for the application process at: www.theisrm.org/SDFapplication

Candidates would need to complete the application form, and to complete two short reports (1500 words each).

Full instructions are given at the website.



NOTIFICATION

All candidates will be informed as to whether they have been successful or not by email.

The decision of the Selection Committee is final.



ONCE SUCCESSFUL

Successful candidates will be given a full on-boarding pack.

Once the programme has started, candidates will be expected to maintain academic discipline in terms of the completion of assignments.

In the event that an assignment is failed, there will be full opportunity to retake that assignment.

Failure to compete two assignments in the required periods will lead to a review, and possible dismissal from the course.

Candidates will be given full access to the ISRM library, as well as to other academic and professional activities hosted or facilitated by the ISRM.

PROGRAMMES

STAGE 1: LEVEL 6 DIPLOMA IN STRATEGIC RISK & CRISIS MANAGEMENT (12 MONTHS)

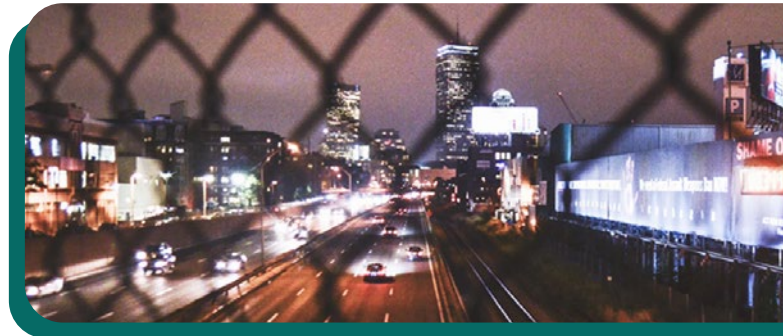
For most people, even those involved at the highest levels of strategic planning and capability development, there is little (if any) awareness of the vast ocean of academic material that is available to them, and which offers a deep insight into many of the major issues associated with modern risk and crisis management.

The Level 6 Diploma in Strategic Risk and Crisis Management is a 12-month distance learning programme that gives participants an opportunity to engage in academic reading, research and writing, exploring the academic frameworks and theories that are the foundation of 21st century strategic risk management.

There are 8 modules, each module with a full-developed support pack, including an introductory paper, assignment instructions, an initial reading list and access to a library of academic papers.

The reading list is offered as the starting point for your own exploration of the literature. At the end of the module you will need to deliver a module paper of 4,000-6,000 words, 50% of which is a literature review, based on your module reading, and 50% which outlines how the information you have gathered could be of use in developing real-world understanding and capabilities.

- **The Deltar Level 6 Diploma in Strategic Risk and Crisis Management is the only Level 6 risk management programme to be regulated and accredited by the UK government Office of Qualifications (Ofqual).**
- **Recognised by the Register of Chartered Security Professionals (CSyP) for the purpose of professional accreditation.**
- **Awarded 80 academic credits by University of Portsmouth BSc (Hons) Degree in Security and Risk Management (equivalent to one year's exemption from the degree programme).**
- **Completion of the programme gives automatic membership of the Institute of Strategic Risk Management, and post-nominals M.ISRM.**



Some people use the course as a purely academic programme; others use it to do research around their own areas of expertise, and therefore see it very much as a foundation for the next stage of their career development.

The overall feel of the programme is that it is designed to develop 'pracademics' – people who mix practitioner experience and insight with academic research and an understanding of the academic theories and models associated with their own area of interest.

Because it involves high-level strategic perspectives it is appropriate to anyone working in an environment characterised by complexity – complex organisations working in complex environments, facing complex problems that require complex solutions.

Course Content

Module 1:

**INTRODUCTION TO 21ST CENTURY
STRATEGIC RISK AND CRISIS
MANAGEMENT**

Module 2:

**CHAOS AND COMPLEXITY:
UNDERSTANDING THE CRISIS
ENVIRONMENT**

Module 3:

**CREATING THE INCIDENT COMMAND
STRUCTURE**

Module 4:

MANAGING THE CRISIS RESPONSE

Module 5:

**RESILIENCE: CREATING HIGH
RELIABILITY ORGANISATIONS**

Module 6:

**SENSE-MAKING AND DECISION-MAKING
IN CRISIS ENVIRONMENTS**

Module 7:

MAPPING THE FUTURE

Module 8:

**FINAL PROJECT MODULE: CREATING AN
INTEGRATED STRATEGIC CRISIS
MANAGEMENT CAPABILITY
DEVELOPMENT FRAMEWORK**

STAGE 2: LEVEL 7 DIPLOMA IN STRATEGIC RISK & CRISIS MANAGEMENT (MASTERS EQUIVALENT) (12 MONTHS)

This programme is equivalent to a Masters-level dissertation, and follows on naturally from the Level 6 Diploma programme.

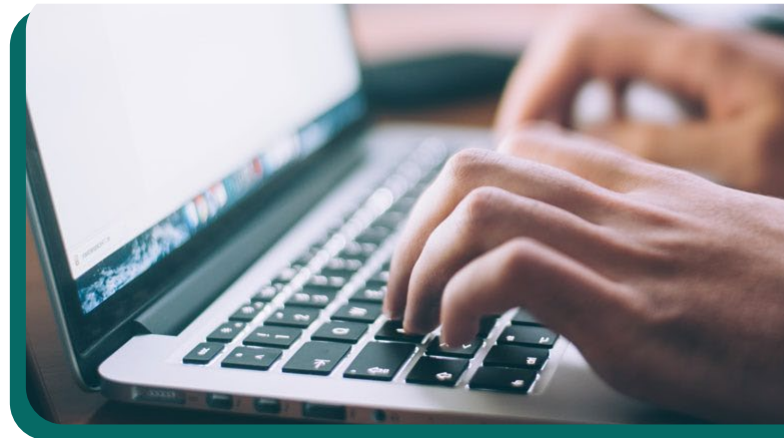
Having completed the L6 you should feel completely comfortable doing academic reading and research, and creating a high-level academic piece of work that is syncretic, integrative and comprehensive.

Hopefully, through the course of the L6 study there will have been ideas that you came across that inspired you with the possibility of even deeper research, and the development of an even more well-developed final piece of work. That should set the foundation for the L7 programme.

The Level 7 Diploma Programme

The L7 programme has three modules. As in the L6 programme, the papers for Module 1 and 2 should be around 4,000-6,000 words.

- **The Deltar Level 7 Diploma in Strategic Risk and Crisis Management is the only Level 7 risk management programme to be regulated and accredited by the UK government Office of Qualifications (Ofqual).**
- **It is recognised by the Register of Chartered Security Professionals (CSyP) for the purpose of professional accreditation.**
- **Registration on the programme gives automatic membership of the Institute of Strategic Risk Management, and post-nominals M.ISRM.**



Once you decide to join the programme, you will be given access to the ISRM Library, which has over 230 academic papers on all aspects of strategic risk management.

As always, this reading list is only a starting point – you are expected to do your own exploration of the literature, and then identify writers and schools of thought with whom you feel an affinity.

MODULE 1: RESEARCH METHODOLOGY

As an intrinsic part of any Masters-level programme there is a requirement to demonstrate a familiarity with the basic research methodologies, to be able to explain the strengths and weaknesses of each, to justify to the external reader why you have chosen the approach you have, and why that is the most appropriate methodology to use in your own chosen piece of research.

As part of this module, you will be provided with access to specific work on methodology, and you can then explore further literature on your own.

As such, your module paper is likely to have two distinct parts - the first an overview of academic research in general and the second part will be specific to your own chosen methodology.

MODULE 2: RESEARCH PROPOSAL

You will need to set out the specific question, problem or issue that you are intending to do the research on; explain why it is important or has value; list some of the major issues you expect to discover; identify any ethical problems you might require to consider, and then give an outline of the structure of the paper (though that can always change once the actual research is started).

The Research Proposal will need to be approved before you can move on to Module 3.

MODULE 3: DISSERTATION

The third module is the research and dissertation paper, which is expected to be between 10,000-12,000 words.

That will be externally marked, and will be marked on the same basis and to the same degree as a Masters dissertation in a major university.

As with all Deltar / ISRM programmes, you will be given full support throughout the course, and we can introduce you to others on the programme if you wish to interact with fellow candidates.

“The Institute of Strategic Risk Management has been established in order to create a global centre where practitioners, academics and policy makers can come together to share information, help progress and promote the underlying understanding and capabilities associated with strategic risk and crisis management, and develop their own personal and professional networks.”

Since its inception at the end of 2018, the ISRM has established itself as one of the leading global strategic risk and crisis management forums.

We have 34 members on the Global Advisory Council from twenty countries.

We have Chapters in UAE, Australia, New Zealand, India, Singapore, Philippines, Nordic States, SE Europe (Balkans) and Saudi Arabia, with more joining on a regular basis.

We have a global network of fifty academic and think-tank institutions, and are regularly invited to make contributions to global conferences and other events.

At the heart of the ISRM is the concept of a global community of like-minded people who are both critically concerned with and absolutely committed to the development of an understanding of the issues associated with the strategic risks and threats that the world is facing.

We are fundamentally a hopeful organisation, with a deep felt belief that humanity has the capability to engage with the issues that the globe is facing and to adapt to them – but that there is a requirement to be honest in our understanding of the range, scale and scope of those problems.

We are completely collaborative in our approach to the world, and always welcome working with other organisations with a shared vision and commitment, whatever their own specific activities or approaches may be.

ACADEMIC INSTITUTIONS IN THE ISRM NETWORK



University College London
Institute of Risk and Disaster Reduction



University of Portsmouth



Berlin School of Economics and Law



Australian National University



Imam Abdulrahman Bin Faisal University, Dammam, KSA



New York University Abu Dhabi



John Jay College of Criminology, NY



Geneva Centre for Security Policy



Strategic Centre for Consultancy & Technology, Qatar



Cape Town Drought Response Learning Initiative



Arab Urban Development Institute, KSA



Emirates Digital Association of Women



Geostrategic Intelligence Group, Finland



Centre for Risk Analysis and Crisis Management, Belgrade



Global Resilience Institute, Northeastern University (Boston)

For more information on this programme, or the ISRM and its activities, please visit