



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

## APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:18-09-2024

|                  |                         |                 |           |
|------------------|-------------------------|-----------------|-----------|
| Department       | BUSINESS ADMINISTRATION | Application No. | 20240043  |
| Area of Research | IMPACT OF IPR           | Research Mode   | PART TIME |

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| <b>Family Income</b>  | 300000         | <b>Residential Type</b>   | RURAL      |
| <b>Birth Place</b>  | SRIVILLIPUTTUR | <b>Mother Tongue</b>  | TAMIL      |
| <b>Religion</b>   | HINDU          | <b>Martial Status</b>   | MARRIED    |
| <b>Aadhaar No.</b>  | 518918827460   | <b>PAN No.</b>  | AZYPJ8747Q |
| <b>Physically Challenged</b>  | NO             | <b>Type of Disability</b>   | -          |
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| Qualification |            |                            |             |          |        |         |
|---------------|------------|----------------------------|-------------|----------|--------|---------|
| Degree        | Discipline | College/university         | Year Passed | AVG/CGPA | Class  | Mode    |
| UG            | BBA        | MADURAI KAMARAJ UNIVERSITY | 1993        | 53       | SECOND | REGULAR |
| PG            | MBA        | MADURAI KAMARAJ UNIVERSITY | 1996        | 61.67    | FIRST  | REGULAR |

| Experience                                     |                   |                 |               |                              |  |
|--|-------------------|-----------------|---------------|------------------------------|--|
| Organization                                   | Designation       | Experience From | Experience TO | Work Nature                  |  |
| KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION | TECHNICAL OFFICER | 2022-06-01      | 2024-09-18    | INTERNATIONAL RELATIONS WORK |  |

| Payment Details       |                |                     |        |         |
|-----------------------|----------------|---------------------|--------|---------|
| Transaction ID        | Reference      | Date of transaction | Amount | Status  |
| 20240043_240918140433 | ZHD5MU301ANULE | 18-09-2024          | 600    | SUCCESS |

## Research Proposal

**Title:**

**Impact Analysis of Intellectual Property Rights (IPR) on Technology Transfer, New Venture Creation, and Economic Development in India**

### **1. Introduction**

Intellectual Property Rights (IPR) play a vital role in fostering innovation, protecting inventions, and encouraging the commercialization of research outputs. In an emerging economy like India, the strategic use of IPR can drive technology transfer, foster the creation of new ventures, and promote overall economic development. However, the effectiveness of IPR in catalyzing these outcomes is subject to various factors including legal frameworks, awareness, and enforcement mechanisms. This research aims to assess the impact of IPR on technology transfer, new venture creation, and economic development in India, and propose policy recommendations to enhance the effectiveness of IPR.

### **2. Research Problem**

Despite India's growing recognition of IPR, there is a gap in understanding its direct impact on key areas such as technology transfer and entrepreneurship. The relationship between IPR protection, new venture creation, and economic growth has not been comprehensively analyzed in the Indian context, especially considering the unique challenges and opportunities presented by the country's socio-economic conditions.

### **3. Objectives**

- To analyze the role of IPR in facilitating technology transfer between research institutions and industry.
- To examine the influence of IPR on the creation of new ventures, especially in technology-driven sectors.
- To assess the contribution of IPR to economic development, particularly in terms of innovation and job creation.
- To identify challenges and barriers faced by startups and innovators in utilizing IPR effectively.
- To provide policy recommendations for enhancing the impact of IPR on technology transfer and economic growth.

### **4. Literature Review**

The existing literature emphasizes the importance of IPR in encouraging innovation by providing legal protection to inventors and entrepreneurs. However, studies reveal that the relationship between IPR and economic development is complex and often depends on factors like the enforcement of IPR laws, the level of innovation ecosystems, and access to finance. In developing countries, weak IPR enforcement and low awareness are often cited as barriers to maximizing the benefits of IPR. This research will build on existing studies while focusing on the specific conditions in India to provide a deeper understanding of the local context.

## 5. Research Questions

1. How do IPR policies influence the rate of technology transfer between universities and industry in India?
2. What role does IPR play in the formation and growth of new ventures, particularly startups in high-tech sectors?
3. How does the use of IPR contribute to economic development, including innovation output and employment generation?
4. What are the key challenges faced by Indian entrepreneurs and innovators in leveraging IPR for business growth?
5. What policy changes are needed to enhance the impact of IPR on India's technology-driven economic development?

## 6. Methodology

The research will adopt a mixed-method approach, combining both qualitative and quantitative data collection and analysis.

- **Data Collection:**
  - **Secondary Data:** Analysis of existing reports, studies, and IPR databases to assess the overall impact of IPR on economic indicators such as innovation output, new venture formation, and GDP growth.
  - **Primary Data:** Surveys and interviews with key stakeholders including startups, entrepreneurs, research institutions, and policymakers to gather insights into the practical challenges and opportunities of IPR in technology transfer and business creation.
- **Case Studies:** In-depth analysis of specific sectors (e.g., biotechnology, IT, and manufacturing) where IPR has played a significant role in technology commercialization and venture creation.
- **Data Analysis:**
  - Statistical analysis of the correlation between IPR filings and economic indicators (e.g., number of patents vs. new ventures created, job growth in innovative sectors).
  - Thematic analysis of qualitative data from interviews and case studies to identify key challenges and success factors in leveraging IPR for technology transfer and economic growth.

## 7. Expected Outcomes

- A comprehensive analysis of the impact of IPR on technology transfer and new venture creation in India.
- Identification of key challenges faced by Indian startups and innovators in using IPR effectively.

- Policy recommendations to strengthen the IPR framework and enhance its contribution to economic development.
- Insights into sector-specific trends and the role of IPR in fostering innovation and business growth.

## 8. Significance of the Study

This research will provide valuable insights into how IPR can be better leveraged to drive technology transfer, foster entrepreneurship, and support economic growth in India. It will offer actionable recommendations for policymakers and stakeholders to strengthen the national innovation ecosystem, particularly in the context of India's journey towards becoming a global innovation leader.

## 9. Conclusion

The proposed research aims to address the gaps in understanding the role of IPR in India's technology and economic landscape. By examining the impact of IPR on technology transfer and new venture creation, this study will contribute to the development of more effective policies that align with India's long-term innovation and economic goals.

## 10. References

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3. Grimaldi, R., Kenney, M., Siegel, D. S., & Wright, M. (2011). *30 years after Bayh-Dole: Reassessing academic entrepreneurship*. *Research Policy*, 40(8), 1045-1057.
4. Gans, J. S., Hsu, D. H., & Stern, S. (2002). *When does start-up innovation spur the gale of creative destruction?* *The RAND Journal of Economics*, 33(4), 571-586.
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6. Falvey, R., Foster, N., & Greenaway, D. (2006). *Intellectual property rights and economic growth*. *Review of Development Economics*, 10(4), 700-719.
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8. Basant, R., & Chandra, P. (2007). *Role of educational and R&D institutions in city clusters: An exploratory study of Bangalore and Pune regions in India*. *World Development*, 35(6), 1037-1055.
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# Madurai Kamaraj University

வணிகச் செயலாட்சிப் புலம்

## FACULTY OF BUSINESS ADMINISTRATION

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

சு. ஜெயக்துமரன்

வணிகச் செயலாட்சி நிறைஞர் பட்டம் பெறுதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் 1996-1997 நவம்பர் இல் நடைபெற்ற தேர்வுகளில் சான்றளித்தவரது, முதல் வகுப்பும் பெற்று, இப்பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

hereby makes known that S. Jeya Kumaran has been admitted to the Degree of Master of Business Administration, he/she having been certified by duly appointed Examiners to be qualified to receive the same, and having been by them placed in the First Class, at the Examination held in November 1996/1997.



Given under the seal of the University.

*K.S. Gopal* *P.K. Ponnur*



**MADURAI KAMARAJ UNIVERSITY**  
**MASTER OF BUSINESS ADMINISTRATION**  
**STATEMENT OF MARKS**

PL 33591

| NAME OF THE CANDIDATE                 |                                | REGISTER NO. | DATE OF PUBLICATION |                    |                |                  |     |       |
|---------------------------------------|--------------------------------|--------------|---------------------|--------------------|----------------|------------------|-----|-------|
| MEYA KUMARAN S                        |                                | 945336       | 04/03/97            |                    |                |                  |     |       |
| COLLEGE OF STUDY                      |                                | CEN. NO.     | EXAM M. & YR.       |                    |                |                  |     |       |
| A K COLLEGE OF ENGG., SRIVILLIPUTHUR. |                                | 334          | NOV 96              |                    |                |                  |     |       |
| SUB                                   | SUBJECT DESCRIPTION            | MAX. MARKS   |                     |                    | MARKS OBTAINED |                  |     |       |
|                                       |                                | I            | E                   | T                  | I              | E                | T   | M/YR  |
| <b>I SEMESTER :-</b>                  |                                |              |                     |                    |                |                  |     |       |
| M11                                   | PRINCIPLES OF MANAGEMENT       | 40           | 060                 | 100                | 32             | 030              | 062 | F N94 |
| M12                                   | MANAGERIAL ECONOMICS           | 40           | 060                 | 100                | 29             | 036              | 065 | F N94 |
| M13                                   | QUANTITATIVE METHODS           | 40           | 060                 | 100                | 29             | 027              | 056 | F N94 |
| M14                                   | MANAGEMENT ACCOUNTING          | 40           | 060                 | 100                | 29             | 032              | 061 | F N94 |
| M15                                   | ORGANISATIONAL BEHAVIOUR       | 40           | 060                 | 100                | 32             | 027              | 059 | F N94 |
| M16                                   | SEMINAR I                      |              | 050                 | 050                |                | 028              | 028 | F N94 |
| M17                                   | VIVA VOCE I                    |              | 050                 | 050                |                | 030              | 030 | F N94 |
| <b>II SEMESTER :-</b>                 |                                |              |                     |                    |                |                  |     |       |
| M21                                   | MGMT. INFORM. & DATA PROC. SYS | 40           | 060                 | 100                | 31             | 036              | 067 | F A95 |
| M22                                   | MARKETING MANAGEMENT           | 40           | 060                 | 100                | 29             | 033              | 062 | F A95 |
| M23                                   | FINANCIAL MANAGEMENT           | 40           | 060                 | 100                | 32             | 027              | 059 | F A95 |
| M24                                   | OPERATIONS MANAGEMENT          | 40           | 060                 | 100                | 35             | 027              | 062 | F A95 |
| M25                                   | PERSON. MGMT. & INDUST. RELAT  | 40           | 060                 | 100                | 27             | 027              | 054 | F A95 |
| M26                                   | SEMINAR II                     |              | 050                 | 050                |                | 030              | 030 | F A95 |
| M27                                   | VIVA VOCE II                   |              | 050                 | 050                |                | 035              | 035 | F A95 |
| <b>III SEMESTER :-</b>                |                                |              |                     |                    |                |                  |     |       |
| M31                                   | OPERATIONS RESEARCH            | 40           | 060                 | 100                | 34             | 035              | 069 | F N95 |
| M32                                   | BUSINESS ENVIRONMENT & LAW     | 40           | 060                 | 100                | 29             | 029              | 058 | F N95 |
| M33                                   | MARKETING RESEARCH             | 40           | 060                 | 100                | 29             | 028              | 057 | F N95 |
| M30                                   | ADVERTISING MANAGEMENT         | 40           | 060                 | 100                | 28             | 029              | 057 | F N95 |
| M34                                   | SALES MANAGEMENT & SALES PROM  | 40           | 060                 | 100                | 31             | 027              | 058 | F N95 |
| M35                                   | SEMINAR III                    |              | 050                 | 050                |                | 033              | 033 | F N95 |
| M37                                   | VIVA VOCE III                  |              | 050                 | 050                |                | 032              | 032 | F N95 |
| <b>IV SEMESTER :-</b>                 |                                |              |                     |                    |                |                  |     |       |
| M41                                   | BUSINESS POLICY                | 40           | 060                 | 100                | 27             | 027              | 054 | F A96 |
| M4V                                   | ENTREPR. & MGMT. OF SMALL BUSI | 40           | 060                 | 100                | 30             | 036              | 066 | F A96 |
| M4W                                   | FINANCE OF FOREIGN TRADE & DO  | 40           | 060                 | 100                | 31             | 028              | 059 | F A96 |
| M4A                                   | INDUSTRIAL MARKETING           | 40           | 060                 | 100                | 30             | 041              | 071 | F N96 |
| M4S                                   | PROJECT                        | 40           | 060                 | 100                | 33             | 039              | 072 | F A96 |
| M46                                   | SEMINAR IV                     |              | 050                 | 050                |                | 031              | 031 | F A96 |
| M47                                   | VIVA VOCE IV                   |              | 050                 | 050                |                | 033              | 033 | F A96 |
| <b>CLASS</b>                          |                                | <b>FIRST</b> |                     | <b>TOTAL MARKS</b> |                | <b>1480/2400</b> |     |       |

*(Signature)*  
 Signature of the Candidate

*(Signature)*  
 Dr. A. RAMASAMY

Any alteration or overwriting makes this Statement of Marks invalid

Palkalai Nagar  
 Madurai 625 021

Controller of Examinations

Passing Minimum - (a) 50% for subjects without Internal Marks.  
 (b) 45% in External and 50% in aggregate of External and Internal put together.

Other Abbreviations - R - Result; P - Pass; F - Fail; AAA - Absent; SUB - Subjects; MKS - Marks; M - Month;  
 (A - April; N - November); YR - Year; MAX - Maximum; I - Internal; E - External; T - Total

PRIME FORMS, MADURAI 4824737, 4825576



Admission No. m9408  
94-95

No. 1926

Arulmigu  
Kalasalingam College of Engineering,

Anand Nagar, KRISHNANKOIL-626 190.

(Via) Srivilliputtur. Tamilnadu.

**TRANSFER CERTIFICATE.**

|   |                             |
|---|-----------------------------|
| 1 Name of pupil   | S. JEYAKUMARAN              |
| 2 Nationality, religion, caste  | INDIAN, HINDU VADUGAR (B.C) |
| 3 Date of birth [in words] as entered in the Admission Register.  | 30-06-1973                  |
| 4 Class in which the pupil was reading at the time of leaving [in words]  | FINAL YEAR M.B.A.           |
| 5 The subjects studied by the pupil   | BUSINESS ADMINISTRATION     |
| 6 Date of admission to the College  | 13-09-1994                  |
| 7 Whether qualified for promotion to a higher class   | See Mark Sheet              |
| 8 Whether the pupil has paid all the fees due to the institution  | YES                         |
| 9 Date on which the pupil actually left the institution   | 14-06-1996                  |
| 10 Date on which application for Transfer Certificate was made on behalf of the pupil by his/her parent or guardian | 13-07-1997                  |
| 11 Date of the Transfer Certificate   | 13-07-1997                  |



  
PRINCIPAL.

ARULMIGU KALASALINGAM  
COLLEGE OF ENGINEERING  
Anand Nagar, KRISHNANKOIL.

आयकर विभाग

INCOME TAX DEPARTMENT



भारत सरकार

GOVT. OF INDIA

JEYAKUMARAN

SUBBIAH

30/06/1973

Permanent Account Number

AZYPJ8747Q

Signature



29072014

**UNION OF INDIA Driving Licence (Tamil Nadu)**

DL. No. **TN67Z20010002334** (NT)

|   |                                    |                                 |  |
|---|------------------------------------|---------------------------------|--|
|  | Date of Issue<br><b>10-10-2001</b> | Valid Till<br><b>20-04-2032</b> |  |
|   | Date of Birth<br><b>30-06-1973</b> | Blood Group<br><b>O+</b>        |  |

Name  
**JEYAKUMARAN S**

Son/Daughter/Wife of  
**SUBBIAH**

TND07C37861 **TN67Z20010002334**

|   |                         |
|---|-------------------------|
| <br>MCWG<br>10-10-2001 | Badge Date<br>Badge No. |
|---|-------------------------|

Address  
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SRIVILLIPUTHUR, VIRUDHUNAGAR, TN 626125**

Holder's Signature Signature of Issuing Authority  
**TN84 SRIVILLIPUTTUR RTO**

Form 7 Rule 16(2)

\*CERTIFICATE No.

1564124



DISTRICT CODE 17

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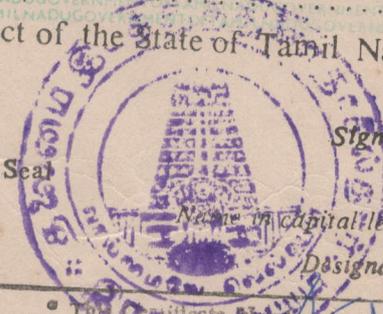
VILLAGE CODE 004

### COMMUNITY CERTIFICATE

This is to certify that... **S. JEYAKUMARAN**  
son/daughter of Thiru... **Subbiah,**  
of **Rajapalayam** village/town **RAJAPALAYAM** taluk

**KANNARAJAR** district of the State of Tamil Nadu  
belongs to **Hindu** **Vadugar** community, which  
is recognised as a Backward Class/Scheduled Caste/Scheduled Tribe  
as per G.O. Ms. No. 242 SWD Dated 28.3.89 /The  
S.C. and S.T. Orders (Amendment) Act, 1976, vide Sl. No. 030.

2. It is certified that... **S. JEYAKUMARAN** and  
his/her family ordinarily reside(s) at **Police Colony**  
village/town **RAJAPALAYAM** **Rajapalayam**  
taluk **KANNARAJAR**  
district of the State of Tamil Nadu.



Signature : *P. S. Srinivasaravan*  
Date :  
Name in capital letters : **P. S. SRINIVASARAVAN,**  
Designation : **Addl Head Quarters**  
**Tv Tahsildar, Rajapalayam**

Note.—Competent Authorities for issue of Certificate : For SC/STs, except Konda Reddis, Taluk Tahsildars; for Konda Reddis, R.D.O.'s; for B.Cs. and O.Cs., Head Quarter's Deputy Tahsildars/Special Deputy Tahsildars.