

## Maths

### Memorandum of Understanding

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## Memorandum of Understanding

Memorandum of Understanding

Between

Department of Mathematics, Voorhees College, Vellore, Vellore District,

and

Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, Tiruapattur District.

This Memorandum of Understanding (MOU) sets for the terms and understanding between the Department of Mathematics, Voorhees College and the Department of Mathematics, Sacred Heart College (Autonomous) to create student quest for knowledge in Mathematics, their capacity to think critically and their ability to put Mathematical ideas across effectively, to apply mathematical knowledge in day today activities and to do quality research in Mathematics.

### Background

Research scholars can get more knowledge in the field of Graph Theory, Automata Theory, Bio Mathematics, Number Theory and Cryptography, Operations Research and Difference Equations, Collaborative papers also can be published.

### Purpose

This MOU will enable us Research Collaboration, Instrument usage facilities like MATLAB, LaTeX and organizing national and international conferences etc.

The above goals will be accomplished by undertaking the following activities:

1. Faculties doing Ph.D degree
2. Publishing research articles in National and International Journals by the Faculties and Research scholars of the Department
3. Releasing Textbooks with ISBN
4. Organizing International, National/State Level Conferences, Seminars and Workshops
5. Carry out Minor/Major Projects

### Reporting

Records should be maintained and IQAC will evaluate effectiveness and adherence to the agreement and evaluation will be done in every academic year.

### Funding

The above MoU does not make any funding.



## Duration

This MOU is at-will and may be modified by mutual consent of authorized officials from the Coordinators **Dr. G. Britto Antony Xavier**, Associate Professor, Department of Mathematics, Sacred Heart College, Tirupattur, Tirupattur District, Tamil Nadu and **Mrs. E. Roseline Gladis Siromani**, Assistant Professor and Head, Department of Mathematics, Voorhees College, Vellore, Vellore District, Tamil Nadu. This MOU shall become **effective from 30-06-2021** and **will remain in effect until modified or terminated by any one** of the partners by mutual consent with Coordinators. In the absence of mutual agreement by the authorized officials from partners this MOU shall end on 30-06- 2026 (Five Years).

## Information about Partnership

### Partner - 1: Department of Mathematics

Address: Sacred Heart College (Autonomous),  
Tirupattur, Tirupattur District,  
Telephone: 04179 220553  
Email: britto@shcpt.edu  
Website: www.shcpt.edu

  
30/06/2021

Coordinator Signature with date

**Dr. G. BRITTO ANTONY XAVIER**  
Associate Professor,  
PG and Research Dept. of Mathematics,  
Sacred Heart College,  
Tirupattur-635 601. Tirupattur Dt.

### Partner - 2: Department of Mathematics

Address: Voorhees College  
Vellore, Vellore District,  
Telephone: 0416 222 0317  
Email: roselinegladis@gmail.com  
Website: voorheescollege.edu.in

  
30/6/21

Coordinator Signature with date

**E.ROSELINE GLADIS SIROMANI**  
M.Sc., M.Phil., PGDCA, B.Ed.,  
Assistant Professor & Head  
P.G. Research Dept. of Mathematics  
Voorhees College, Vellore-632001.

  
30/06/2021  
Head, Department of Mathematics


**Dr. A. GEORGE MARIA SELVAM**  
Associate Professor & Head,  
Dept. of Mathematics  
Sacred Heart College (Autonomous),  
Tirupattur, Tirupattur Dt. 635 601.

  
Head, Department of Mathematics

**E.ROSELINE GLADIS SIROMANI**  
M.Sc., M.Phil., PGDCA, B.Ed.,  
Assistant Professor & Head  
P.G. Research Dept. of Mathematics  
Voorhees College, Vellore-632001.

  
30/06/21  
Principal

**Principal**  
Sacred Heart College (Autonomous)  
Tirupattur-635 601, Tirupattur Dist

  
30/06/2021  
Principal

**PRINCIPAL IN-CHARGE**  
**VOORHEES COLLEGE**  
VELLORE - 632 001.

# MEMORANDUM OF UNDERSTANDING

Between



**PG and Research Department of Mathematics**  
**Sacred Heart College (Autonomous)**

and



**PG and Research Department of Mathematics**  
**Sri Vidya Mandir Arts and Science College**  
**(Autonomous)**



**Sacred Heart College (Autonomous)**  
(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with  
CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601.

**Sri Vidya Mandir Arts and Science  
College (Autonomous)**  
(Affiliated to Periyar University, Salem)  
Accredited by NAAC with 'A' Grade [3.27]  
Katteri, Uthangarai – 636902.



## **MEMORANDUM OF UNDERSTANDING**

Between

**SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR, INDIA**

and

**SRI VIDYA MANDIR ARTS AND SCIENCE COLLEGE, KRISHNAGIRI, INDIA**

### **1. Agreement**

This Memorandum of Understanding (MOU) sets for the terms of understanding and collaboration between PG and Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, Tirupattur District, Tamilnadu, India referred to herein after as (Party-A) and Department of Mathematics, Sri Vidya Mandir Arts and Science College (Autonomous), Katteri, Krishnagiri District, Tamilnadu referred herein after as (Party-B) having noted the importance of research for nation building and the value of organizational cooperation for mutual growth, strengthening quality higher education and scientific integrity. We believe this partnership support each other organization's vision to benefit from each other.

### **Vision of Party A**

Sacred Heart College inspired by the love of the Heart of Jesus and fundamental human values, following the educative system of Don Bosco, are committed to the creation of an education that promotes an ethical and prosperous society where equality, freedom and fraternity by imparting higher education to poor and rural youth, enabling them towards integral human development.

PG and Research Department of Mathematics aims to enhance the logical, reasoning, analytical and problem solving skills of students and cultivate a research culture in young minds.

### **Vision of Party B**

Sri Vidya Mandir Arts and Science College, Uthangarai, Krishnagiri, Tamil Nadu, INDIA, affiliated to Periyar University, NAAC 'A' Accredited and Recognized 2(f) & 12(B) under UGC act of 1956, offering UG, PG and Research Programmes in Arts, Sciences and Social Sciences in 2000 with noble aim of uplifting economically and educationally backwards districts of Dharmapuri and Krishnagiri into best educational destinations in Tamil Nadu. Sri Thiru V Chandrasekaran is the founder of this institution.



**Sacred Heart College (Autonomous)**  
(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with  
CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601.

**Sri Vidya Mandir Arts and Science  
College (Autonomous)**  
(Affiliated to Periyar University, Salem)  
Accredited by NAAC with 'A' Grade [3.27]  
Katteri, Uthangarai – 636902.



Whereas as SHC and SVM (herein after jointly referred to as 'Parties') have agreed to enter in to academic collaboration in academic/research areas for mutual benefit to the stakeholders, particularly for the Students and Faculty Members of the Parties.

## **2. Objectives**

The goal of this MOU is to foster collaboration, provide opportunity for mutual intellectual exchanges and to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit and frequent interactions. SHC and SVM agree to:

- a) exchange information on research and educational programmes
- b) exchange information on teaching, learning material and other literature relevant to their educational and research programmes
- c) jointly organize short-term continuing education programmes on topics of mutual interest and to invite each other's faculty to participate therein
- d) jointly organize seminars, conferences, or workshops on topics of mutual interest and to invite each other's faculty to participate therein
- e) jointly propose and engage in research or training programmes sponsored by funding agencies, and to invite each other's faculty to participate.

## **3. Types of Cooperation**

Through this memorandum, both Parties affirm the value of collaboration and agree to promote the following activities:

- I. Conferences, workshops and short-term courses
- II. Joint research projects in fields of mutual interests;
- III. Exchange of academic publications and reports;
- IV. Opportunities for faculty and staff development and exchange;
- V. Exchange of visiting research scholars, including under graduate and post graduate students;
- VI. Video Conferencing
- VII. Other activities as mutually agreed.



**Sacred Heart College (Autonomous)**  
 (Affiliated to Thiruvalluvar University, Vellore)  
 Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with  
 CGPA of 3.31/4 at 'A+' Grade  
 Tirupattur – 635601.

**Sri Vidya Mandir Arts and Science  
 College (Autonomous)**  
 (Affiliated to Periyar University, Salem)  
 Accredited by NAAC with 'A' Grade [3.27]  
 Katteri, Uthangarai – 636902.



This Agreement places no financial obligations or supplementary funding commitments on either Party.

**4. Co-ordination**

Each institution shall appoint one member of its teaching faculty to coordinate the programmes on its behalf.

The coordinators will periodically review and identify ways to strengthen cooperation between the two institutions.

Should there be a dispute relating to any aspect of academic cooperation, coordinators will jointly resolve the dispute in a spirit of independence, mutual respect and shared responsibility.

**5. Tenure and Termination:**

This MoU will take effect from the date it is signed by representatives of the two institutions. It will remain **valid for three years** and may be continued thereafter after suitable review and agreement.

Either institution may terminate the MoU by giving written notice to the other institution six months in advance. Once terminated, neither SHC nor SVM will be responsible for any losses, financial or otherwise, which the other institutions may suffer. However, SHC and SVM will ensure that all activities in progress are allowed to complete successfully.

**Sign**

**Name**

**Designation**

**Mobile**

**E-mail**

**Coordinator at SHC**

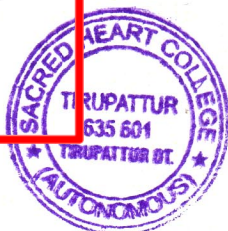
*[Handwritten Signature]*

Dr.A.George Maria Selvam

Associate Professor & Head

9443205006

agms@shcpt.edu



**Coordinator at SVM**

*[Handwritten Signature]*

Dr.C.Ragavan

Associate Professor & Head

9944349898

ragavanshana@gmail.com

*[Handwritten Signature]*

**Principal**  
**Principal**

**Sacred Heart College (Autonomous)**  
 Tirupattur-635 601, Tirupattur Dist



*[Handwritten Signature]*

**Principal**  
**Principal**

**Sri Vidya Mandir Arts & Science College (Autonomous)**  
 KATTERI - 636 902, Uthangarai (T),  
 Krishnagiri (Dist), Tamil Nadu.

# MEMORANDUM OF UNDERSTANDING

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Between

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**PG and Research Department of Mathematics**

**Sacred Heart College (Autonomous)**

**Tirupattur**

and



Enable | Enlighten | Enrich

**KARPAGAM**  
ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

**Department of Science and Humanities**

**Karpagam Academy of Higher Education**

**Coimbatore**

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தமிழ்நாடு தமில்நாடு TAMIL NADU

93AB 233145

22-7-2021 Karpagam Academy of  
Higher Education.  
CBE.

S. MURUGANANTHAM  
STAMP VENDOR,  
R.O. PARTY SHED,  
CBE-16. TAMIL NADU  
REF. NO: 4914/B1/84

### MEMORANDUM OF UNDERSTANDING

Between

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR, INDIA

and

KARPAGAM ACADEMY OF HIGHER EDUCATION, COIMBATORE, INDIA

#### 1. Agreement

This Memorandum of Understanding (MOU) sets for the terms of understanding and collaboration between PG and Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, Tirupattur District, Tamil Nadu, India referred to herein after as (Party-A) and Department of Science and Humanities, Faculty of



**Sacred Heart College (Autonomous)**  
(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with  
CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601, Tamil Nadu, India.

**Karpagam Academy of Higher  
Education (Deemed to be University)**  
(Established Under Section 3 of UGC Act, 1956)  
Accredited by NAAC (1<sup>st</sup> Cycle) with 'B' Grade  
Pollachi Main Road, Eachanari Post,  
Coimbatore – 641021, Tamil Nadu, India.



Engineering, Karpagam Academy of Higher Education, Pollachi Main Road, Eachanari Post, Coimbatore District, Tamil Nadu referred herein after as (Party-B) having noted the importance of research for nation building and the value of organizational cooperation for mutual growth, strengthening quality higher education and scientific integrity. We believe this partnership support each other organization's vision to benefit from each other.

### **Vision of Party A**

Sacred Heart College (Autonomous) is an affiliated First Grade College of Thiruvalluvar University accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31/4 at 'A+'. Sacred Heart College inspired by the love of the Heart of Jesus and fundamental human values, following the educative system of Don Bosco, is committed to the creation of an education that promotes an ethical and prosperous society where equality, freedom and fraternity by imparting higher education to poor and rural youth, enabling them towards integral human development. PG and Research Department of Mathematics aims to enhance the logical, reasoning, analytical and problem solving skills of students and cultivate a research culture in young minds.

### **Vision of Party B**

Karpagam Academy of Higher Education (KAHE) established under Section 3 of UGC Act 1956 is approved by Ministry of Human Resource Development, Government of India. Dr. R. Vasanthakumar, the president of Karpagam Charity trust (KCT), philanthropist, industrialist, entrepreneur and culture promoter. Contemporary infrastructure, modern teaching methodologies, career oriented training, excellent placements and the finest faculty have always become the Karpagam's hallmark. Besides technical expertise, Karpagam Academy of Higher Education (KAHE) has made a mark since its inception by developing communication and soft skills,



**Sacred Heart College (Autonomous)**  
(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with  
CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601, Tamil Nadu, India.

**Karpagam Academy of Higher  
Education (Deemed to be University)**  
(Established Under Section 3 of UGC Act, 1956)  
Accredited by NAAC (1<sup>st</sup> Cycle) with 'B' Grade  
Pollachi Main Road, Eachanari Post,  
Coimbatore – 641021, Tamil Nadu, India.



ensuring enlightening knowledge, extending holistic education and creating a strong value system. Today, with strength of 6500 students and over 750 teaching & non-teaching staff, Karpagam Academy of Higher Education is setting new benchmarks in the educational sphere.

SHC and KAHE (herein after jointly referred to as 'Parties') have decided to enter in in to the present academic collaboration for mutual benefit to the stakeholders, particularly for the Students and Faculty Members of the Parties.

## **2. Objectives**

The goal of this MOU is to foster collaboration, provide opportunity for mutual intellectual exchanges and to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit and frequent interactions. SHC and KAHE agree to:

- a) exchange information on research and educational programs
- b) exchange information on teaching, learning material and other literature relevant to their educational and research programs
- c) jointly organize short-term continuing education programs on topics of mutual interest and to invite each other's faculty to participate therein
- d) jointly organize seminars, conferences, or workshops on topics of mutual interest and to invite each other's faculty to participate therein
- e) jointly propose and engage in research or training programs sponsored by funding agencies, and to invite each other's faculty to participate.

## **3. Types of Cooperation**

Through this memorandum, both Parties affirm the value of collaboration and agree to promote the following activities:



**Sacred Heart College (Autonomous)**  
(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with  
CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601, Tamil Nadu, India.

**Karpagam Academy of Higher  
Education (Deemed to be University)**  
(Established Under Section 3 of UGC Act, 1956)  
Accredited by NAAC (1<sup>st</sup> Cycle) with 'B' Grade  
Pollachi Main Road, Eachanari Post,  
Coimbatore – 641021, Tamil Nadu, India.



- I. Conferences, workshops and short-term courses
- II. Joint research projects in fields of mutual interests;
- III. Exchange of academic publications and reports;
- IV. Opportunities for faculty and staff development and exchange;
- V. Exchange of visiting research scholars, including under graduate and post graduate students;
- VI. Video Conferencing
- VII. Other activities as mutually agreed.

This Agreement places no financial obligations or supplementary funding commitments on either Party.

#### **4. Co-ordination**

Each institution shall appoint one member of its teaching faculty to coordinate the programs on its behalf.

The coordinators will periodically review and identify ways to strengthen cooperation between the two institutions.

Should there be a dispute relating to any aspect of academic cooperation, coordinators will jointly resolve the dispute in a spirit of independence, mutual respect and shared responsibility.

#### **5. Tenure and Termination:**

This MoU will become effective upon the date of signature by both Parties. It shall remain valid for a period of three (3) years from the date of the last signature, with the understanding that it may be modified by written mutual consent of both Parties. This Agreement may be terminated by either Party with advance written notice of six months. Once terminated, neither SHC nor KAHE will be responsible for any losses,



**Sacred Heart College (Autonomous)**  
 (Affiliated to Thiruvalluvar University, Vellore)  
 Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with  
 CGPA of 3.31/4 at 'A+' Grade  
 Tirupattur – 635601, Tamil Nadu, India.

**Karpagam Academy of Higher  
 Education (Deemed to be University)**  
 (Established Under Section 3 of UGC Act, 1956)  
 Accredited by NAAC (1<sup>st</sup> Cycle) with 'B' Grade  
 Pollachi Main Road, Eachanari Post,  
 Coimbatore – 641021, Tamil Nadu, India.



financial or otherwise, which the other institutions may suffer. However, SHC and KAHE will ensure that all activities in progress are allowed to complete successfully.

	Coordinator at SHC	Coordinator at KAHE
Sign		
Name	Dr. A. George Maria Selvam	Mr. R. Janagaraj
Designation	Associate Professor	Assistant Professor in Mathematics
Mobile	9443205006	9543408153
E-mail	agms@shcpt.edu	janagaraj.rajendran@kahedu.edu.in

**Head, Department of Mathematics**

Dr. A. GEORGE MARIA SELVAM,  
 Associate Professor & Head,  
 Dept. of Mathematics,  
 Sacred Heart College (Autonomous),  
 Tirupattur, Tirupattur Dt. 635 601.

**HoD/S&H**

Head of the Department  
 Department of Science and Humanities  
 Faculty of Engineering  
 Karpagam Academy of Higher Education  
 Coimbatore – 641 021, Tamil Nadu, India.



**Dean/FoE**

Dean  
 Faculty of Engineering  
 Karpagam Academy of Higher Education  
 (Deemed to be University)  
 (Established Under Section 3 of UGC Act, 1956)  
 Coimbatore – 641 021, Tamil Nadu, India.



**Principal**

**Principal**  
 Sacred Heart College (Autonomous)  
 Tirupattur-635 601, Tirupattur - Dist

**Registrar**

**Registrar**  
 Karpagam Academy of Higher Education  
 (Deemed to be University Under Section 3 of UGC Act 1956)  
 Pollachi Main Road, Eachanari Post,  
 Coimbatore - 641 021.



## MEMORANDAM OF UNDERSTANDING (MOU)

BETWEEN

Department of Mathematics, Sacred Heart College, Tirupattur, Tamilnadu

And

Department of Mathematics, Annai Velankanni College, Tholayavattam, Kanyakumari District.

This MOU is entered into the 21 day of 09 2021 by and between Department of Mathematics, Sacred Heart College situated at Tirupattur, Tirupattur District and Department of Mathematics, Annai Velankanni College situated at Tholayavattam, Kanyakumari District, Tamilnadu.

### Objective of the MOU

This Memorandum of Understanding establishes the terms and understanding between the Departments of Mathematics at Sacred Heart College in Tirupattur, Tamilnadu (SHC) and Annai Velankanni College in Tholayavattam, Kanyakumari District (AVC) in order to foster students' desire for knowledge in Mathematics, their ability to think critically, and their ability to effectively communicate their ideas.

### 2. Technical Area of collaboration

- a) Collaborative research efforts, including project involvement.
- b) Promote academic engagement by giving special lectures at SHC and AVC on issues of contemporary importance.
- c) Scientific and technical information exchange, as well as cooperative publication of shared results.
- d) Coordinate summer training programmes at AVC for SHC final-year students and vice versa.
- e) Assist PG students and research scholars with hands-on training.
- f) Student exchanges across departments. Both agencies acknowledge that they have the legal authority to execute this agreement.



**DECLARE THAT:**

Sacred Heart College and Annai Velankanni College manifest their intention to reach an agreement to foster academic cooperation according to the following terms and conditions:

**ARTICLE 1.** Both the departments agree to promote joint teaching, research and other academic activities as aforesaid in the objectives and technical area of collaboration for mutual benefit.

**ARTICLE 2.** This agreement will be effective for a **period of five years** from the date of its signing and the renovation will be requested for the next period unless otherwise specified by the signing departments.

**ARTICLE 3.** This agreement does not imply any financial duty upon both the departments.

**ARTICLE 4.** Either party may terminate this agreement on written notification. Such notification must be given at least six months prior to the proposed date of termination. If the present agreement is terminated, both parties must guarantee to facilitate the completion of the projects and initiatives already in progress.

**ARTICLE 5.**

The intellectual property rights (IPR) that arise as a result of joint research and collaborative activity under the agreement will be worked out on a case basis and will be consistent with officially laid down IPR policies of the two institutes.

*[Signature]*  
 Coordinator Sign with date  
**Dr. G. BRITTO ANTONY XAVIER**  
 Associate Professor,  
 PG and Research Dept. of Mathematics,  
 Sacred Heart College,  
 Tirupattur-635 601. Tirupattur Dt.

*[Signature]*  
 Head of the Department  
**Dr. A. GEORGE MARIA SELVAM**  
 Associate Professor & Head,  
 Dept. of Mathematics  
 Sacred Heart College (Autonomous),  
 Tirupattur, Tirupattur Dt. 635 601

*[Signature]* **Dr. M. ANTO**  
 Associate Professor  
 Department of Mathematics  
 Annai Velankanni College  
 Tholayavattam, Kanyakumari  
 Tamil Nadu, India - 629157  
 Mobile: 9487614009

*[Signature]*  
 Head of the Department  
**Dr. B. STEPHEN JOHN** M.Sc., M.Phil., Ph.D.  
 Head, Dept. of Mathematics  
 Annai Velankanni College  
 Tholayavattom - 629 157

*[Signature]*  
 Principal,  
 Sacred Heart College  
 Tirupattur, Vellore, Tamilnadu  
**Principal**  
 Sacred Heart College (Autonomous)  
 Tirupattur-635 601, Tirupattur - Dist

*[Signature]*  
 21/09/21  
 Principal,  
 Annai Velankanni College,  
 Tholayavattam, Kanyakumari  
**PRINCIPAL**  
**ANNAI VELANKANNI COLLEGE**  
 THOLAYAVATTAM - 629 157  
 KANYAKUMARI DISTRICT

# MEMORANDUM OF UNDERSTANDING

Between



**PG and Research Department of Mathematics**  
**Sacred Heart College (Autonomous)**  
**Tirupattur - 635 601, Tamil Nadu, India**

and



**VIT**<sup>®</sup>

**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

**Department of Mathematics**  
**Vellore Institute of Technology**  
**Deemed to be University**  
**Vellore – 632 014, Tamil Nadu, India**





**Sacred Heart College (Autonomous)**

(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601, Tamil Nadu, India.

**Vellore Institute of Technology**

Deemed to be University under section 3 of UGC Act, 1956  
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.66/4 at 'A++' Grade  
Vellore – 632 014, Tamil Nadu, India



## MEMORANDUM OF UNDERSTANDING

This MEMORANDUM OF UNDERSTANDING is entered into and executed by and between: PG & Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, Tirupattur District, Tamil Nadu, India referred to herein after as (Party-A) and Department of Mathematics, Vellore Institute of Technology, Vellore, Tamil Nadu, India referred herein after as (Party-B). We believe that this partnership supports each other organization's vision to benefit from each other.

### Vision of Party A

Sacred Heart College (Autonomous) is an affiliated First Grade College of Thiruvalluvar University accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A+'. Sacred Heart College inspired by the love of the Heart of Jesus and fundamental human values, following the educative system of Don Bosco, is committed to the creation of an education that promotes an ethical and prosperous society where equality, freedom and fraternity reign by imparting higher education to poor and rural youth, enabling them towards integral human development. PG and Research Department of Mathematics aims to enhance the logical, reasoning, analytical and problem solving skills of students and cultivate a research culture in young minds.

### Vision of Party B

Vellore Engineering College was established under Section 3 of the University Grants Commission (UGC) Act, 1956, and was founded in 1984 as a self-financing institution. The Union Ministry of Human Resource Development conferred University status on Vellore Engineering College in 2001. VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The global standards set at VIT in the field of teaching and research spurs us on in our relentless pursuit of excellence. As per QS World Subject Rankings, Department of Mathematics at VIT is ranked between 451 and 500 and ranked 12 within India.

Sacred Heart College

Vellore Institute of Technology



## Sacred Heart College (Autonomous)

(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A++' Grade  
Tirupattur – 635601, Tamil Nadu, India.

## Vellore Institute of Technology

Deemed to be University under section 3 of UGC Act, 1956  
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.66/4 at 'A++' Grade  
Vellore – 632 014, Tamil Nadu, India



SHC and VIT hereinafter referred to jointly as "the Parties," do hereby agree on the following:

### I - OBJECTIVES

The objective of this Memorandum of Understanding (MoU) is to promote mutual cooperation in education and training on a reciprocal basis, for the advancement of knowledge and intellectual development.

### II - SCOPE OF COOPERATION

SHC and VIT will:

1. Facilitate the exchange of faculty experts, researchers, academic personnel, and students.
2. Facilitate the exchange of literature, research findings, and other related publications, subject to the relevant national laws, rules, and regulations covering the Parties, as well as international conventions on intellectual property.
3. Facilitate short semester visit for students in both the institutions.
4. Support joint research by faculty members and/or researchers from parties, which can be funded by institutions, private sector, and/or government agencies / departments.
5. Support teaching and learning activities through visiting lecturing activities in both the parties concerned.
6. Facilitate academic staff development programmes.
7. Encourage participation by faculty members and students in each other's educational congresses, conferences, workshops, symposiums, training courses, exhibits, and other activities related to the objectives of this MoU.
8. Consider any other collaborative efforts that both parties may deem fit.

### III – IMPLEMENTATION

The Parties shall implement the MoU through specific arrangements, programmes, and/or projects subject to the available funds of the Parties.

### IV – ACADEMIC PROGRAMMES

Both parties concerned will retain control and authority on academic matters or business/industry code of conduct in their respective degree, diploma programmes, and

Sacred Heart College

Vellore Institute of Technology



## Sacred Heart College (Autonomous)

(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601, Tamil Nadu, India.

## Vellore Institute of Technology

Deemed to be University under section 3 of UGC Act, 1956  
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.66/4 at 'A++' Grade  
Vellore – 632 014, Tamil Nadu, India



positions in business/industrial institutions. However, amendments and customizations of MoU to meet regulatory compliance shall be done with mutual consent of the two parties involved.

### V – FUNDING

This Agreement places no financial obligations or supplementary funding commitments on either Party.

### VI – SUSPENSION

Each Party reserves the right for reasons of security, public order, or public health, to suspend temporarily, either in whole or in part, the implementation of this MoU, which shall be effective from sixty (60) days after notification, has been given to the other Party.

### VII - CONFIDENTIALITY AND INTELLECTUAL PROPERTY RIGHTS

1. The Parties shall ensure that educational data, information, and intellectual property rights mutually provided and developed which are carried out under this MoU shall not be transferred or supplied to a Third Party without prior written consent of the other party.
2. In case of any specific arrangement, programme, or project that may result in intellectual property rights, the Parties shall enter into a separate agreement in accordance with the laws and regulations.

### VIII - CO-ORDINATION

Each institution shall appoint one member of its teaching faculty to coordinate the programmes on its behalf.

The coordinators will periodically review and identify ways to strengthen the cooperation between the two institutions.

### IX - SETTLEMENT OF DISPUTES

Any dispute arising from the implementation of the provisions of this MoU shall be settled amicably by consultations or negotiations.

Sacred Heart College

Vellore Institute of Technology



**X-AMENDMENT**

This MoU may be reviewed and amended at any time, by mutual written consent of the Parties.

**XI-DURATION AND TERMINATION**

1. This MoU shall be effective for a period of three (3) years from the date of signature by both the Parties.
2. The termination of this MoU shall not affect the validity and duration of any arrangements, programmes, activities, or projects made under this MoU until the completion of such arrangements, programmes, activities, or projects, unless otherwise agreed upon by the Parties.

IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective institutions, have signed this MoU,

**Coordinator at SHC**

Sign

*R. Murali*  
2/9/2021

Name

**Dr. R.MURALI**

Designation

**Associate Professor & Head (UG)**

**Coordinator at VIT**

*K. K. Karthikeyan*  
2/9/2021

**Dr.R.KARTHIKEYAN**

**Professor & Head**

*Dr. A. George Maria Selvam*

**Head, Department of Mathematics**

**Dr. A. GEORGE MARIA SELVAM**  
Associate Professor & Head,  
Dept. of Mathematics  
Sacred Heart College (Autonomous),  
Tirupattur, Tirupattur Dt. 635 601.

*Dr. Mary Saral*  
HOD Mathematics  
School of Advanced Sciences  
VIT

**Head, Department of Mathematics**

Vellore - 632 014  
**Dr. MARY SARAL**  
Dean SAS  
School of Advanced Sciences  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)  
Vellore - 632 014, Tamil Nadu, India

*Principal*  
**Principal**

**Sacred Heart College (Autonomous)**  
Tirupattur-635 601, Tirupattur - Dist

*Registrar*  
**Registrar**

**REGISTRAR**  
Vellore Institute of Technology (VIT)  
(Deemed to be University under section 3 of UGC Act, 1956)  
Vellore-632 014, Tamil Nadu, India

# MEMORANDUM OF UNDERSTANDING

Between



**PG and Research Department of Mathematics**  
**Sacred Heart College (Autonomous)**  
**Tirupattur - 635 601, Tamil Nadu, India**

and



**PG & Research Department of Mathematics**  
**SIVET College,**  
**Gowrivakkam, Chennai - 600 073**



PG and Research  
Department of Mathematics  
Sacred Heart College (Autonomous)  
Tirupattur - 635 601, Tamil Nadu, India

PG & Research  
Department of Mathematics  
SIVET College,  
Gowrivakkam, Chennai - 600 073



**MEMORANDUM OF UNDERSTANDING  
FOR ACADEMIC AND RESEARCH COOPERATION**

**Between**

**PG & Research Department of Mathematics  
Sacred Heart College (Autonomous), Tirupattur**

**and**

**PG & Research Department of Mathematics  
SIVET College, Gowrivakkam, Chennai**

This MEMORANDUM OF UNDERSTANDING is executed by and between:

PG & Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur – 635 601, Tamil Nadu, India referred to herein after as (Party-A) and Department of Mathematics, SIVET, Chennai – 600073 , Tamil Nadu, India, referred to herein after as (Party-B).

**Vision of Party A**

Sacred Heart College (Autonomous) is an affiliated First Grade College of Thiruvalluvar University accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31/4 at 'A+'. Sacred Heart College inspired by the love of the Heart of Jesus and fundamental human values, following the educative system of Don Bosco, is committed to the creation of an education that promotes an ethical and prosperous society where equality, freedom and fraternity reign by imparting higher education to poor and rural youth, enabling them towards integral human development. PG and Research Department of Mathematics aims to enhance the logical, reasoning, analytical and problem solving skills of students and cultivate a research culture in young minds.

**Vision of Party B** The college has grown from a P.U.C college to now a full-fledged institution with U.G. P.G. M.Phil.and Part time Doctoral programmes catering to the needs of student from the rural and down- trodden sector. Our mission is to inculcate the love of knowledge in the first generation students and, for this; the college aim to

*[Signature]*  
08/10/21

*[Signature]*  
08/10/21



PG and Research  
Department of Mathematics  
Sacred Heart College (Autonomous)  
Tirupattur - 635 601, Tamil Nadu, India

PG & Research  
Department of Mathematics  
SIVET College,  
Gowrivakkam, Chennai - 600 073



develop the skills and demeanour of lifelong 'learning,' which is essential for making them responsible global citizens. Mathematics was introduced as a subject in the college at the Pre-University level in the year 1966. B.Sc., Mathematics degree course was introduced in the year 1971 and M.Sc Mathematics degree course was started in the year 1986. The department conducted M.Phil., course for college teachers under sequential programme during 1987-89. The department has been recognized to conduct Ph.D., (Part-Time) programme under University of Madras since 2002. Sofar 24 Ph.D., scholars have obtained their Ph.D., degrees through the department under University of Madras.

**SHC and SIVET hereinafter referred to jointly as "the Parties," do hereby agree on the following:**

### 1. Purpose

The purpose of this Agreement is to promote cooperation in Mathematics education and research between the PG & Research Department of Mathematics, Sacred Heart College(Autonomous), Tirupathur (Party-A) and the PG & Research Department of Mathematics, SIVET College, Chennai (Party-B).

### 2. Objectives

The Parties shall work together in a cooperative and coordinated effort so as to bring about achievement and fulfilment of the purpose of the MOU.

It is not the intent of this MOU to restrict the Parties to this Agreement from their involvement or participation with any other public or private individuals, agencies, or organizations.

The Parties shall mutually contribute and take part in any and all phases of the planning and development of academic programmes to the fullest extent possible.

### 3. Types of Cooperation

Through this memorandum, both the Parties affirm the value of collaboration and agree to promote the following activities:



**PG and Research**  
**Department of Mathematics**  
**Sacred Heart College (Autonomous)**  
Tirupattur - 635 601, Tamil Nadu, India

**PG & Research**  
**Department of Mathematics**  
**SIVET College,**  
Gowrivakkam, Chennai - 600 073



1. Joint research projects in the fields of mutual interests;
2. Exchange of academic publications and reports;
3. Opportunities for faculty and staff development and exchange;
4. Exchanging of visiting research scholars, including advanced graduate students;
5. Support teaching and learning activities through visiting lecturing activities in both parties concerned.
6. Encouraging participation by faculty members and students in each other's educational congresses, conferences, workshops, symposiums, training courses, exhibits, and other activities related to the objectives of this MoU.
7. Other activities as mutually agreed.

#### **4. IMPLEMENTATION**

The Parties shall implement the MoU through specific arrangements, programs, and/or projects subject to the available funds of the Parties.

#### **5. COORDINATORS**

Both Institutes will designate persons who will have responsibility for co-ordination and implementation of this agreement.

#### **6. FUNDING**

This Agreement places no financial obligations or supplementary funding commitments on either Party.

#### **7. SETTLEMENT OF DISPUTES**

Any dispute arising from the implementation of the provisions of this MoU shall be settled amicably by consultations or negotiations.

  
08/10/21

  
08/10/21





PG and Research  
 Department of Mathematics  
 Sacred Heart College (Autonomous)  
 Tirupattur - 635 601, Tamil Nadu, India

PG & Research  
 Department of Mathematics  
 SIVET College,  
 Gowrivakkam, Chennai - 600 073



## 8. Terms

This MOU is at-will and may be modified by mutual consent of authorized officials. This MoU shall become effective from the date it is signed by representatives of the two institutions. It shall remain valid for a period of **three (3) years** from the date of signing, with the understanding that it may be modified by written mutual consent of both the Parties.

The partnership covered by this MOU shall get terminated upon completion of the agreed upon period. This Agreement may also be terminated by either Party with advance written notice of at least sixty (60) days. The termination of this MoU shall not affect the validity and duration of any arrangements, programmes, activities, or projects made under this MoU until the completion of such arrangements, programmes, activities, or projects, unless otherwise agreed upon by the Parties.

The Parties agree to the terms and conditions set forth above as demonstrated by their signatures as follows:

### Coordinator at SHC

Signature with date *R. Murali*  
 08/10/2021

Name **Dr. R.Murali**  
 Designation Associate Professor & Head(UG)

### Coordinator at SIVET

*Dr. K. Thirusangu*  
 08/10/2021

Name **Dr. K. Thirusangu**  
 Designation Associate Professor & Dean

*Dr. A. George Maria Selvam*  
 08/10/2021

Head, Department of Mathematics

**Dr. A. George Maria Selvam**  
 Head, Dept. of Mathematics  
 Sacred Heart College  
 Tirupattur, TPT.Dt. 635 601.

*S. Asha*  
 08/10/21  
**Principal**  
**Principal**

Sacred Heart College (Autonomous)  
 Tirupattur-635 601, Tirupattur Dist

*Dr. V. Sutharsan*  
 08/10/21

Head, Department of Mathematics

**Dr. V. Sutharsan, M.Sc., M.Phil., Ph.D.**  
 Associate Professor and Head,  
 Department of Mathematics,  
 S.I.V.E.T. College,  
 Gowrivakkam, Chennai - 600 073.


*S. Asha*  
 08/10/21  
**Principal**  
**PRINCIPAL**

**S.I.V.E.T. COLLEGE**  
**GOWRIVAKKAM,**  
**CHENNAI - 600 073**



தமிழ்நாடு தமில்நாடு TAMIL NADU

10AC 127736

  
M.K. கந்தசாமி, பி.எஸ்.ஸி..  
மு.தா. விற்பனையாளர்,  
உ.எண். 20/2008/NMKL  
48, தில்லைபுரம் மெயின்ரோடு,  
நாமக்கல், தமிழ்நாடு

## MEMORANDUM OF UNDERSTANDING

In accordance with the desire to promote cooperation between Department of Mathematics, Selvamm Arts and Science College (Autonomous), Namakkal, Tamil Nadu, India.

And

PG & Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, Tirupattur District, Tamil Nadu, the Institutions enter into the formal statement of collaboration in the form of Memorandum of Understanding (MoU) for the purpose of academic and research interaction with effect from **30.03.2022 to 30.03.2025.**



## MEMORANDUM OF UNDERSTANDING

This MEMORANDUM OF UNDERSTANDING is entered into and executed by and between:

Department of Mathematics, Selvamm Arts and Science College (Autonomous) Namakkal, Tamil Nadu, India referred to hereinafter as (Party-A) and PG & Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, Tirupattur District, Tamil Nadu, India referred hereinafter as (Party-B). We believe this partnership supports each other organization's vision to benefit from each other.

### Vision of Party A

Department of Mathematics, Selvamm Arts and Science College (Autonomous), (Affiliated to Periyar University & Accredited by NAAC) UGC Recognized 2(f) and 12(B) Institution, Namakkal– 637003. Our Department promotes quality education in Mathematics to help them grow in mathematical reasoning. The department focuses on academic and non-academic programme and activities like Seminars, Exhibitions, Maths-Quiz and potential education for the students. To produce leaders who will be agents of social change, primarily among the communities they live in and in the nation as a whole, and make the college serve national and global needs by providing quality human resources by shaping intellectually sound, ethically sensitive, socially compassionate graduates. Problem solving, understanding, reasoning, and sense-making are at the heart of mathematics teaching and learning and are central to mathematical Proficiency. The institutions enter into the formal statement of collaboration in the form of **Memorandum of Understanding (MoU)** for academic and research interactions.

### Vision of Party B

Sacred Heart College (Autonomous) is an affiliated First Grade College of Thiruvalluvar University accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with a CGPA of 3.31/4 at 'A+'. Sacred Heart College, inspired by the love of the Heart of Jesus and fundamental human values, following the educative system of Don Bosco, is committed to the creation of an education that promotes an ethical and prosperous society where equality, freedom, and fraternity by imparting higher education to poor and rural youth, enabling them towards integral human development. PG and Research Department of Mathematics aims to enhance students' logical, reasoning, analytical, and problem-solving skills and cultivate a research culture in young minds.



**SASC and SHC hereinafter referred to jointly as "the Parties," do hereby agree on the following:**

### **I - OBJECTIVES**

This Memorandum of Understanding (MoU) aims to promote mutual cooperation in education and training on a reciprocal basis for the advancement of knowledge and intellectual development.

### **II - SCOPE OF COOPERATION**

SASC and SHC will:

1. Facilitate the exchange of faculty experts, researchers, academic personnel, and students.
2. Facilitate the exchange of literature, research findings, and other related publications, subject to the relevant national laws, rules, and regulations covering the parties and international conventions on intellectual property.
3. Facilitate short semester visits for students in either institution.
4. Support joint research by faculty members and/or researchers from parties, funded by institutions, the private sector, and/or government agencies/departments.
5. Support teaching and learning activities through visiting lecturing activities in both parties concerned.
6. Facilitate academic faculty development programs.
7. Encourage participation by faculty members and students in each other's educational congresses, conferences, workshops, symposiums, training courses, exhibits, and other activities related to the objectives of this MoU.
8. Consider any other collaborative efforts that both parties may deem fit.

### **III - IMPLEMENTATION**

The Parties shall implement the MoU through specific arrangements, programme and/or projects subject to the available funds of the Parties.

### **IV - ACADEMIC PROGRAMME**

Both parties concerned will retain control and authority on academic matters or business/industry code of conduct in their respective degree, diploma programs, and positions in business/industrial institutions. However, amendments and customizations



of MoU to meet regulatory compliance shall be done with the mutual consent of the two parties involved.

#### **V – FUNDING**

This agreement places no financial obligations or additional funding commitments on either Party.

#### **VI – SUSPENSION**

Each Party reserves the right for reasons of security, public order, or public health to suspend temporarily, either in whole or in part, the implementation of this MoU, which shall be effective sixty (60) days after notification, has been given to the other Party.

#### **VII - CONFIDENTIALITY AND INTELLECTUAL PROPERTY RIGHTS**

1. The parties shall ensure that educational data, information, and intellectual property rights mutually provided and developed which are carried out under this MoU shall not be transferred or supplied to a Third Party without the prior written consent of the other party.
2. In case of any specific arrangement, programme or project that may result in intellectual property rights, the Parties shall enter into a separate agreement in accordance with the laws and regulations.

#### **VIII - CO-ORDINATION**

Each institution shall appoint one member of its teaching faculty to coordinate the programme on it's behalf. The coordinators will periodically review and identify ways to strengthen cooperation between the two institutions.

#### **IX - SETTLEMENT OF DISPUTES**

Any dispute arising from the implementation of the provisions of this MoU shall be settled amicably by consultations or negotiations.

#### **X – AMENDMENT**

This MoU may be reviewed and amended at any time by mutual written consent of the Parties.



**XI - DURATION AND TERMINATION**


1. This MoU shall be effective for a period of **three (3) years** from the date of signature by both Parties.
2. The MoU can be terminated with "3 months" notice on either side.
3. The termination of this MoU shall not affect the validity and duration of any arrangements, programme, activities or projects made under this MoU until the completion of such arrangements, programme, activities or projects unless otherwise agreed upon by the Parties.

IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective institutions, have signed this MoU,

**Coordinator at SASC**

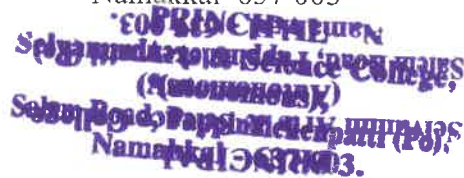
Sign   
 Name : Mrs.S.Kavitha  
 Designation: Assistant Professor & Head,  
 Department of Mathematics  
 Head, Department of Mathematics,  
 Selvamm Arts & Science College (Autonomous),  
 Namakkal - 637 003

**Coordinator at SHC**

  
 Dr.A.George Maria Selvam  
 Associate Professor & Head(PG)  
 Department of Mathematics  
 Dr. A. GEORGE MARIA SELVAM  
 Associate Professor & Head,  
 Dept. of Mathematics  
 Sacred Heart College (Autonomous),  
 Tirupattur, Tirupattur Dt. 635 601.

  
 Principal

(Dr.N.Rajavel)  
 Selvamm Arts and Science College (Autonomous),  
 Namakkal-637 003

  
 SELVAMM ARTS AND SCIENCE COLLEGE,  
 (Autonomous)  
 Salem Road, Pappinaickenpatti (Po),  
 Namakkal-637003.

Signed in the presence of :



Dr.K.S.Arulsamy  
 (Administrative Director eum Controller of Examinations)  
 Selvamm Arts and science college (Autonomous),  
 Namakkal-637 003

Dr. K.S. ARULSAMY, M.Sc., M.G.D.E.E., Ph.D., (IIT/K)  
 CONTROLLER OF EXAMINATIONS  
 Selvamm Arts & Science College,  
 (Autonomous)  
 Salem Road, Pappinaickenpatti (Po),  
 Namakkal - 637 003.

  
 Principal

(Rev. Dr. D. Maria Antony Raj)  
 Sacred Heart College (Autonomous),  
 Tirupattur - 635601  
 Principal

Sacred Heart College (Autonomous)  
 Tirupattur-635 601, Tirupattur - Dist

Signed in the presence of:



Dr. S.R. Xavier Rajarathinam  
 (Vice Principal (Academics))  
 Sacred Heart College (Autonomous),  
 Tirupattur-635601.

Dr.S.XAVIER RAJA RATHINAM, M.Sc., Ph.D.,  
 Vice Principal (Academic)  
 Sacred Heart College (Autonomous)  
 Tirupattur -635 601, Tir. Dt

# MEMORANDUM OF UNDERSTANDING

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Between

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**Department of Mathematics**  
**Adiyaman University, Turkey.**

and



**Department of Mathematics**  
**Sacred Heart College (Autonomous), Tirupattur, India**





**Adiyaman University (ADYU)**  
Altınsehir Mah. 3005. Sok. No:13,  
02040, Merkez/Adiyaman, Turkey

**Sacred Heart College (Autonomous)**  
(Affiliated to Thiruvalluvar University, Vellore)  
Accredited by NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at 'A+' Grade  
Tirupattur – 635601, Tamil Nadu, India.



## **MEMORANDUM OF UNDERSTANDING**

Between

**Department of Mathematics**

**ADYAMAN UNIVERSITY, TURKEY**

and

**Department of Mathematics**

**Sacred Heart College (Autonomous), Tirupattur, INDIA**

**Adiyaman University**, hereafter referred to as **ADYU**, being a legal entity and acting according to the legislation of Turkey, is registered at the following address: No:13, Altınsehir st, Adiyaman/Turkey, and is legally represented under the **Rector, Prof. Dr. Mehmet TURGUT** (hereafter – Party 1)

and

**Sacred Heart College (Autonomous)**, hereafter referred to as **SHC**, being a legal entity and acting according to the legislation of India, is registered at the following address: NH 179A, Salem - Tirupattur - Vaniyambadi Rd, Tirupathur, Tamil Nadu 635601, India and is legally represented under the charter by the Principal, **Rev.Dr.Maria Antony Raj, SDB** (hereafter - Party 2)

both hereinafter separately referred to as the **“Party,”** collectively – the **“Parties,”** have decided to enter into the present Cooperation Agreement (hereinafter referred to as the **“Agreement”**) and agree with conditions as follows.

### **1. Purpose of the Agreement**

The Parties believe that the quality of research and teaching is enhanced with the establishment of international cooperation and wish to enter into collaboration to maximize enrichment in scientific, academic, and cultural areas.



## **2. Areas of Cooperation**

Within mutually acceptable fields, the Parties undertake to explore the opportunities for collaboration, which may include the following general forms of cooperation:

- 2.1. Sharing good practice in quality enhancement processes;
- 2.2. Exchanging professional training of students, scientific, academic, and administrative staff;
- 2.3. Developing dual/joined (degree) diploma programs;
- 2.4. Bringing dual/joined (degree) diploma programs to the market in the frame of an international consortium;
- 2.5. Bringing joined programs to the need of working people and companies;
- 2.6. Participating in national and international research programs and projects;
- 2.7. Carrying out joint research, co-supervised master's thesis writing and innovation project activities;
- 2.8. Collaboration on exchange of doctoral students and co-supervised doctoral dissertation writing
- 2.9. Publication of scientific-research articles in local and international journals;
- 2.10. Organizing joint international conferences, forums, and events;
- 2.11. Undertaking joint activities to promote research commercialization and entrepreneurship;
- 2.12. Taking possible activities for developing the quality of education between partners.

## **3. Obligations of the Parties**

- 3.1. The Parties intend to assist each other in the realization of the present Agreement;
- 3.2. The Parties will exchange information and analytical materials essential for the most effective realization of the Parties' Responsibilities identified in the given Agreement;
- 3.3. Scheduled specific events will be carried out based on additional contracts and agreements;

- 3.4. Detailed areas of cooperation and exact conditions of cooperation in each area will be described in separate contracts.

#### **4. Financial Arrangement**

- 4.1. The Parties understand that all financial arrangements will depend on the availability of funds and will be negotiated as mutually agreed in other legally binding agreements.
- 4.2. The Parties will look for and get financing of activities from sources available to them.

#### **5. Agreement Administrators**

Ultimate responsibility for this Agreement lies with the Rector/Principal of each institution. Still, administrative responsibility for its administration will be delegated by each officer at each institution (**Dr.Ozlem Ak Gumus** from Adiyaman University and **Dr.A.George Maria Selvam** from Sacred Heart College).

#### **6. Obligation of Confidentiality and Intellectual Property Rights**

- 6.1. The Parties agree to treat information, documentation, and results of the cooperation or joint research activities as confidential and not disclose them to any third parties without the other Party's written consent.
- 6.2. The above clause relating to confidentiality shall not extend to publishing research results in conference papers and articles in scientific periodicals. In any case, one Party shall inform the other in writing about its intentions to publish research results.
- 6.3. Obligation of Confidentiality shall not extend to information which the receiving Party is compelled to release by law or legal process, provided that the receiving Party provides the other Party with prompt notice of such compulsion as to provide an opportunity to seek a protective order.
- 6.4. Each Party shall remain the proprietor of patented and unpatented results,

which that Party obtained prior to signing the present Agreement, or which will be obtained as a result of its own work within the scope of cooperation

- 6.5. Intellectual property rights of any results from the parties' cooperation or joint research activities shall belong to the parties according to their contribution to collaborative research or other activity.
- 6.6. The Parties undertake to protect intellectual property rights and exploit the results of mutual scientific cooperation according to the industrial laws and regulations in force in their countries.

## **7. Dispute Settlement**

- 7.1. If there is a dispute between the Parties arising out of or in connection with the present Agreement or out of activities undertaken under the Agreement, the Parties agree to settle it by direct negotiations.
- 7.2. If the dispute cannot be settled amicably within 30 days after the start of negotiations, the parties agree to resolve the dispute in accordance with the laws in the courts of the country where the defendant Party has its registered domicile.



## **8. Validity of the Agreement**

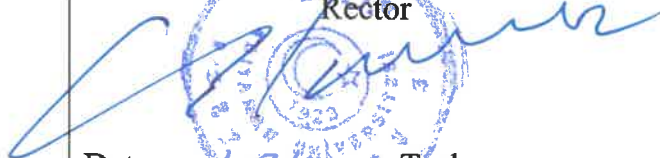

- 8.1. This Agreement comes into force when the Parties' authorized representatives have signed it and is **valid for three years.**
- 8.2. Either Party may terminate Agreement by giving the other Party a one-year prior written notice.
- 8.3. The Agreement may be terminated upon written consent of the Parties as well.
- 8.4. When the contract is terminated, Parties are obliged to fulfill their obligations towards all students and clients in the programs who already subscribed to or signed a contract before the ending of this contract. They will cooperate under the conditions of this Agreement to finalize all obligations.

8.5. The terms of the Agreement can be amended only upon mutual consent of the Parties; addendums and amendments are valid only if they are made in writing and signed by the authorized representatives of the Parties.

8.6. The Agreement is made in two equally binding copies in English.

### 9. Signatures of the Parties

	Coordinator at ADYU	Coordinator at SHC
Sign	 28/02/2022	 21/02/2022
Name	Dr.Özlem AK GÜMÜŞ	Dr.A.George Maria Selvam
Designation	Associate Professor	Associate Professor & Head

<p><b>Prof. Dr. Mehmet TURGUT</b> Rector</p>  Date: <u>01/07/2022</u> , Turkey	<p><b>Rev.Dr.D.Maria Antony Raj</b> Principal Principal Sacred Heart College (Autonomous) Tirupattur-635 601, Tirupattur Dist.</p>  Date: <u>21/02/22</u> , India
--	--





Ready for  
Every Good Work

# SACRED HEART COLLEGE (Autonomous)

Tirupattur - 635 601, Tirupattur Dt. ❖ Tamil Nadu ❖ South India

College : (04179) 220553

Resi. : (04179) 220103

Fax. : (04179) 226423

A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle - under RAF) with CGPA of 3.31/4 at 'A+' Grade



## GENERAL AGREEMENT REGARDING ACADEMIC COOPERATION

BETWEEN

THE SACRED HEART COLLEGE –TIRUPATTUR, TAMILNADU - INDIA

AND

SHANMUGA INDUSTRIES ARTS AND SCIENCE COLLEGE  
TIRUVANNAMALAI, TAMILNADU-INDIA

On the one part, Rev. Dr. D. Maria Antony Raj, the Principal acting in the name of the Sacred Heart College, Tirupattur, Tirupattur District, Tamil Nadu in India.

And on the other part, Dr.K.Anandaraj, the principal acting in the name of the shanmuga Industries Arts and Science College, Tiruvannamalai, Thiruvannamalai District, Tamil Nadu in India.

Both parties recognize each other's legal capacity to sign this agreement and

### DECLARE THAT:

The Department of Mathematics, Sacred Heart College and the PG and Research Department of Mathematics, Shanmuga Industries Arts and Science College manifest their intention to reach an agreement to foster academic cooperation according to the following terms and conditions:

**ARTICLE 1.** The Department of Mathematics, Sacred Heart College and the PG and Research Department of Mathematics, Shanmuga Industries Arts and Science College agree to promote joint teaching, research, and other academic activities, especially student and staff mobility and any other program of mutual benefit to both universities.

Page 1 of 3



Ready for  
Every Good Work

# SACRED HEART COLLEGE (Autonomous)

Tirupattur - 635 601, Tirupattur Dt. ❖ Tamil Nadu ❖ South India

College : (04179) 220553  
Resi. : (04179) 220103  
Fax. : (04179) 226423

A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle - under RAF) with CGPA of 3.31/4 at 'A+' Grade

Matters pertaining to the implementation of this agreement shall be approved in writing through a specific agreement signed by both parties before any such programs or activities can be undertaken.

**ARTICLE 2.** Resources for the implementation of specific programs may derive from either party or from external funds. However, this General Agreement does not oblige either party to expend any resources in connection with the objectives herein specified unless explicitly stated otherwise in the corresponding specific agreement.

**ARTICLE 4.** This agreement will be effective for a **period of five years** from the date of its signing and the renovation will be requested for the next period unless otherwise specified by the signing institutions.

**ARTICLE 5.** This agreement does not imply any financial duty upon the Department of Mathematics, Sacred Heart College, Tirupattur.

**ARTICLE 6.** Either party may terminate this Agreement on written notification. Such notification must be given at least six months prior to the proposed date of termination. If the present agreement is terminated, both parties must guarantee to facilitate the completion of the projects and initiatives already in progress.

**ARTICLE 7.** Each institution appoints a coordinator for the implementation of this General Agreement, who will be responsible for defining and organizing the programs to be undertaken and for interaction between the two institutions.

The Sacred Heart College appoints as the Co-ordinator for the interaction between the two institutions:

**Name :** Dr. G. Britto Antony Xavier

**Position:** Associate Professor

**Address:** Department of Mathematics

Sacred Heart College

Tirupattur - 635 601

Tirupattur District,

Tamilnadu, India.

The Shanmuga Industries Arts and Science College appoints as the coordinator for the interaction between the two institutions:

**Name:** Dr.R.Meganathan

**Position:** Associate professor and Head

**Address:** PG and Research Department of Mathematics,

Shanmuga Industries Arts and Science College

Tiruvannamalai-606603



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**Telephone:** +91- 9443205004

**Email** [brittoshc@gmail.com](mailto:brittoshc@gmail.com)

Tiruvannamalai District

Tamilnadu, India

**Telephone:** +91-7845118558

**Email** [rpmegamaths@gmail.com](mailto:rpmegamaths@gmail.com)

The signing of this Agreement annuls any and all previous Agreements signed between these two institutions, including their appendices, addenda and/or any other document related to implementation.

This agreement is to be executed by the joint signature of two identical copies with each party retaining one copy.

SACRED HEART COLLEGE

Rev. Dr. D. Maria Antony Raj, SDB

Rev. Dr. D. Maria Antony Raj, SDB,  
M.Com., M.Phil., Ph.D.

Principal,

Sacred Heart College (Autonomous),  
Tirupattur-635 601, Tirupattur Dt. TN.

SHANMUGA INDUSTRIES ARTS AND  
SCIENCE COLLEGE

Dr.K.Anandaraj

Jr.K.ANANDARAJ, Ph.D.,

Principal,

Shanmuga Industries Arts & Science College  
Thiruvannamalai - 606 603.

Date: 22-09-2022



Date: 22-09-2022

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