



ALAGAPPA UNIVERSITY

(State University | A+ Grade by NAAC (CGPA : 3.64) in the 3rd Cycle | Category - I

University by MHRD - UGC)

Karaikudi

**THE OFFICE OF INDUSTRY AND
CONSULTANCY (I and C)**

2018-2024

OFFICE OF INDUSTRY AND CONSULTANCY (I and C)

(2018-2024)

Prof.. A. Arun

Dean- Industry and Consultancy

Dr. R. Yuvakkumar

Deputy Coordinator

MoUs Signed – Fourteen.

Year	No. of MoUs	
	National	International
2017-2020	Evolva Biotech Pvt Ltd., Chennai and Dept. of Biotech, ALU	-
2016-2019	ITC, Bangalore and Dept. of Biotech, ALU	
2015-2018	SPD laboratory, Japan and Dept. of Energy Science	
2015-2018	Tablets (India) Limited, Bangalore	
2016 - 2019	Galaxy Research Technology, Karaikudi and ALU	-
2016-2019	TCP and Dept. of Industrial Chemistry	
2021-2024	Galaxy Research Technology, Karaikudi and ALU	-
2020 - 2023	ITC, Bangalore and Dept. of Biotech, ALU	-
2023 onwards	1 Theevanam additives, Chennai 2. Bohar Biobee Pvt. Ltd., Coimbatore 3. Agam Labs, Madurai. 4. Yaazh Genomics, Madurai. 5. Theevanam additives, Chennai and Bohar Biobee Pvt. Ltd., Coimbatore	Sustainable Hydrogen for Valuable Application (SHYVA), France
Total	13	01

Total revenue generated: Rs. 4,64,84,892

Name of the faculty consultant or trainer	Organization to which consultancy or corporate training provided	Dates/duration of consultancy	Amount generated (Rs.)
2018 - 2019			
Dr.A.Veeraravi	Tablets (India) Limited, Bangalore	2015-2018	2226000
Dr.S.Karutha Pandian	ITC, Bangalore	2016-2019	8360000
Dr.K.Balamurugan	ITC, Bangalore	2016-2019	4117000
Dr.A.Veeraravi	Evolva Biotech Private Limited, Chennai	2017-2020	3000000
Director, University Sophisticated Instrumentation Centre (USIC)	To external users	2018	156150
Department of Physics Consultancy charges	To external users	2018	1842875
2019 - 2020			
Dr.S.Karutha Pandian	ITC, Bangalore	2016-2019	8360000
Dr.K.Balamurugan	ITC, Bangalore	2016-2019	4117000
Dr.A.Veeraravi	Evolva Biotech Private Limited, Chennai	2017-2020	3000000
Dr. A. Arun	Galaxy Research Technologies (GRT) Ltd., Karaikudi	2019-2020	360000
Director, University Sophisticated Instrumentation Centre (USIC)	To external users	2019	708654
Department of Physics Consultancy charges	To external users	2019	1312247
2020 - 2021			
Dr.A.Veeraravi	Evolva Biotech Private Limited, Chennai	2017-2020	3000000
Dr. A. Arun	Galaxy Research Technologies (GRT) Ltd., Karaikudi	2019-2020	360000
Director, University Sophisticated Instrumentation Centre (USIC)	To external users	2020	696437
Department of Physics Consultancy charges	To external users	2020	575068

2021 - 2022			
Director, University Sophisticated Instrumentation Centre (USIC)	To external users	2021	707523
Department of Physics Consultancy charges	To external users	2021	389513
2022 - 2023			
Dr. A. Arun	Sustainable Hydrogen for Valuable Application (SHYVA), France	2022-2023	50000
Director, University Sophisticated Instrumentation Centre (USIC)	To external users	2022	299290
Director, University Sophisticated Instrumentation Centre (USIC)	To external users	2023	1085447
Department of Physics Consultancy charges	To external users	2022	1107944
Department of Physics Consultancy charges	To external users	2023 (August)	653744
Total			4,64,84,892

Events organized

National Theme Meet on University-Industry Interface-2022

Organized by

Department of Physics

Industry and Consultancy wing

Alagappa University, Karaikudi

Date: 22.03.2022

Venue: Seminar Hall, Department of Physics

- **Guests participated:**
- Prof. G. Ravi, Dean, Industry and Consultancy & Head, Department of Physics
- Dr. R. Swaminathan, Member of Vice-Chancellor's Officiating Committee, Alagappa University
- Prof. C. Sekar, Registrar i/c, Alagappa University
- Dr. K. Devakumaran, Manager, Welding Research Institute, Bharat Heavy Electricals Limited, Tiruchirappalli
- Dr.V. Swaminathan, Founder, Galaxy Group of Companies in Singapore, Malaysia and GRT – Alagappa University
- Participants – 150.



One-day National level workshop on "Patenting and Collaborations with Industries"
organized by
Industry and Consultancy wing
University Business Collaboration Centre
Alagappa University, Karaikudi
Date: 30.01. 2023 ; Venue: Science Campus Seminar Hall.

- **Guests participated:**
 - Prof. G. Ravi, Vice-Chancellor, Alagappa University
 - Emirates Professor Mukesh Doble from IIT Madras, Chennai, Founding Director, Start-up Company at IIT Madras Incubation Cell (IITMIC)
 - Mr. Manoj Madhavan, Assistant Controller of Patents & Designs, Patent Office, Ministry of Commerce & Industry- Chennai
 - Mr. G Simiyon, Assistant Director, Head of Office of MSME-Development and facilitation office of Tirunelveli & Madurai
 - Mr. S. Ravi, IPR Consultant, Registered Patent Agent from Hyderabad
 - Prof. A. Arun, Dean, Industry and Consultancy & Head, Department of Microbiology
- Participants – 130.







ALAGAPPA UNIVERSITY

(Accredited with A+ Grade by NAAC (CGPA: 3.64) in the Third Cycle, Graded as Category I University and Granted Autonomy by MHRD-UGC, 2019; QS India Rank - 20, QS BRICS Rank - 104, QS ASIA Rank - 20)

Karaikudi - 630003. Tamil Nadu, India

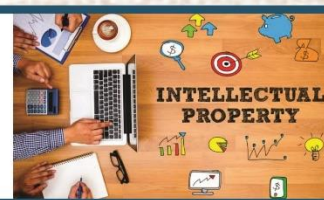
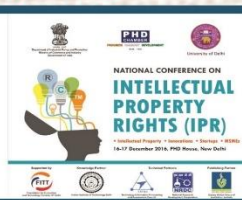
Alagappa University & RUSA 2.0 Sponsored

One-day National Level Workshop on

PATENTING AND COLLABORATIONS WITH INDUSTRIES

Organized by

Industry and Consultancy Wing & University Business Collaboration Centre



Date: 30th January 2023

Venue: Conference Hall, 4th Floor, Science Campus

Dr. A. ARUN

Convener and Organizing Secretary

Prof. S. RAJAMOHAN

Registrar i/c



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Granted Autonomy by MHRD-UGC, 2019; QS India Rank - 20, QS BRICS Rank - 104, QS ASIA Rank - 20)



Karaikudi - 630003, Tamil Nadu, India

*Cordially invite you to the Inauguration of
Alagappa University and RUSA 2.0 Sponsored*

One-day National Level Workshop on PATENTING AND COLLABORATIONS WITH INDUSTRIES

Organized by
Industry and Consultancy Wing & University Business Collaboration Centre
on 30th January 2023 at 10.00 a.m.
in the Conference Hall, 4th Floor, Science Campus, Alagappa University

Dr. A. ARUN

Convener and organizing secretary
Dean-Industry and Consultancy Wing
Coordinator-University Business Collaboration Centre
Delivers Welcome Address

Prof. G. RAVI

Vice-Chancellor, Alagappa University
Delivers Presidential Address

Prof. MUKESH DOBLE

Emeritus Professor, Indian Institute of Technology-Madras, Chennai
Delivers Inaugural Address

Mr. MANOJ MADHAVAN

Assistant Controller of Patents &
Designs Patent Office,
Ministry of Commerce & Industry

Mr. G. SIMIYON

Assistant Director & Head
Micro Small & Medium Enterprises (MSME)
Development Commission, Madurai & Thirunelveli
&

Mr. S. RAVI

IPR Consultant,
Registered Patent Agent
GI Agent/Attorney with IP India
Delivers Felicitation Address

Dr. R. YUVAKKUMAR

Deputy Co-ordinator,
Industry and Consultancy Wing
Proposes Vote of thanks



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Karaikudi - 630003, Tamil Nadu, India

Cordially invite you to the Valediction of

Alagappa University and RUSA 2.0 Sponsored

One-day National Level Workshop on

PATENTING AND COLLABORATIONS WITH INDUSTRIES

Organized by

Industry and Consultancy Wing & University Business Collaboration Centre

on 30th January 2023 at 3.00 p.m. Alagappa University

Dr. A. ARUN

Convener and organizing secretary

Dean-Industry and Consultancy Wing

Coordinator-University Business Collaboration Centre

Delivers Welcome Address and Workshop Report

Prof. S. RAJAMOHAN

Registrar, Alagappa University

Delivers Presidential Address

Prof. MUKESH DOBLE

Emeritus Professor, Indian Institute of Technology-Madras, Chennai

&

Mr. MANOJ MADHAVAN

Assistant Controller of Patents & Designs Patent Office,

Ministry of Commerce & Industry- Chennai

Delivers Valedictory Address

Dr. T. KAVITHA

Assistant Professor,

Department of Microbiology

Proposes Vote of thanks

Dr. A. Arun

Convener and Organizing Secretary

Prof. S. RAJAMOHAN

Registrar i/c

**One-day National level Symposium on IPR and Industry - Institutional –MSME
collaborations
organized by
Industry and Consultancy wing
University Business Collaboration Centre
Alagappa University Institutional Innovation Council (AUIIC)
Tamil Nadu, Ministry of Micro, Small and Medium Enterprises (MSME), Govt. of
India
Alagappa University, Karaikudi
Date: 10.04. 2023 ; Venue: Science Campus Seminar Hall.**

- **Guests participated:**
 - Prof. G. Ravi, Vice-Chancellor, Alagappa University
 - Emirates Professor Mukesh Doble from IIT Madras, Chennai, Founding Director, Start-up Company at IIT Madras Incubation Cell (IITMIC)
 - Mr. Sathish kumar, Assistant Manager, DC MSME Office, New Delhi
 - Mr. G Simiyon, Assistant Director, Head of Office of MSME-Development and facilitation office of Tirunelveli & Madurai
 - Dr. Raj Mohan, Chief Mentor of Man2succeed center for Business Excellence, Hosur
 - Mrs. Uma Chandrika, MSME- , Assistant Director, Madurai.
 - Prof. A. Arun, Dean, Industry and Consultancy & Head, Department of Microbiology
 - Participants – 104.







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Karaikudi - 630003, Tamil Nadu



One-day National level Symposium on IPR and Industry - Institutional - MSME collaborations

Welcomes you all

Jointly Organized by
Industry and Consultancy, University Business Collaboration Centre (UBCC),
Alagappa University Institutional Innovation Council (AUIC), Of Alagappa University, Karaikudi, Tamil Nadu,
Ministry of Micro, Small and Medium Enterprises (MSME), Govt. of India. And
Cell for IPR Promotion and Management (CIPAM), Department for Promotion of Industry and
Internal Trade (DPIIT), Ministry of Commerce and Industry, Govt. of India

Date : 10.04.2023 Monday

Venue : Conference Hall, 4th Floor, Science campus

Alagappa University, Karaikudi

Dr. A. Arun

Convener & Organizing Secretary,

Dr. A. Veera ravi

Co-ordinator-(AUIC)

Dr. S. Rajamohan

Registrar i/c



ALAGAPPA UNIVERSITY

(A State University Established in 1985)
Karaikudi - 630003, Tamil Nadu, India



One-day National level Symposium on

IPR AND INDUSTRY - INSTITUTIONAL – MSME COLLABORATIONS

Jointly Organized by



**INDUSTRY AND CONSULTANCY,
UNIVERSITY BUSINESS COLLABORATION CENTRE (UBCC),
ALAGAPPA UNIVERSITY INSTITUTIONAL INNOVATION COUNCIL (AIIIC),
OF ALAGAPPA UNIVERSITY, KARAISKUDI, TAMIL NADU,
MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), Govt. of India**

And

**CELL FOR IPR PROMOTION AND MANAGEMENT (CIPAM),
DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE (DPIIT),
MINISTRY OF COMMERCE AND INDUSTRY, Govt. of India**

Date: 10th April 2023 - Monday Time: 10.30 a.m.

Venue: Seminar Hall, 4th Floor, Science Campus, Karaikudi

INAUGURAL FUNCTION

Dr. A. ARUN

Convener and Organizing secretary

Dean – Industry and Consultancy

Coordinator- University Business Collaboration Centre (UBCC)

Delivers Welcome and Thematic Address

Prof. G. RAVI

Vice-Chancellor

Alagappa University, Karaikudi

Delivers Presidential Address

Prof. MUKESH DOBLE

Emeritus Professor, Indian Institute of Technology-Madras, Chennai

Founding Director,

Start-up Company at IIT Madras Incubation Cell (IITMIC)

Delivers Inaugural Address

Mr. SATHISH KUMAR

Assistant Director, Office Development Commissioner (MSME)

Ministry of MSME, Government of India, New Delhi

Felicitate

Mr. G. SIMIYON

Assistant Director / Head of Office

Branch MSME - DFO, Tirunelveli & Madurai

Felicitate

Dr. A. VEERA RAVI
Co-ordinator
Alagappa University Institutional Innovation Cell (AUIIC)
Proposes Vote of thanks

VALEDICTORY FUNCTION

Dr. A. ARUN
Convener and Organizing secretary
Dean - Industry and Consultancy
Coordinator- University Business Collaboration Centre (UBCC)
Delivers Welcome Address and Report

Prof. S. RAJAMOHAN
Registrar
Alagappa University, Karaikudi
Delivers Presidential Address

Dr. RAJ MOHAN
Chief Mentor of Man2succeed center for Business Excellence
Hosur
Delivers Valedictory Address

Dr. R. YUVAKKUMAR
Deputy Coordinator
Industry and Consultancy Wing
Proposes Vote of thanks

Welcome You All



MSME Host Institution (HI)

- Alagappa University is a recognized Host Institution (HI) by MSME (17(2)/MSMEINNOVATIVE/PMAC/2021-22 Dt. 26.06.2023)
- Under - MSME IDEA HACKATHON 3.0 (Women) – 19 proposals received.

Dept. of Physics and Microbiology along with Memfill Tech. Pvt. Ltd (A Sister concern of GRT- an in-house Industry partner of Alagappa University developed a Sewage Treatment Plant (STP) at Karaikudi Municipality, Sivaganga District, Tamil Nadu.



In-house Institutional Industries







**Specialization of H2next Pvt Ltd
H2nextAEM™ membranes**



**Wastewater treatment plant
Around 200 plants**



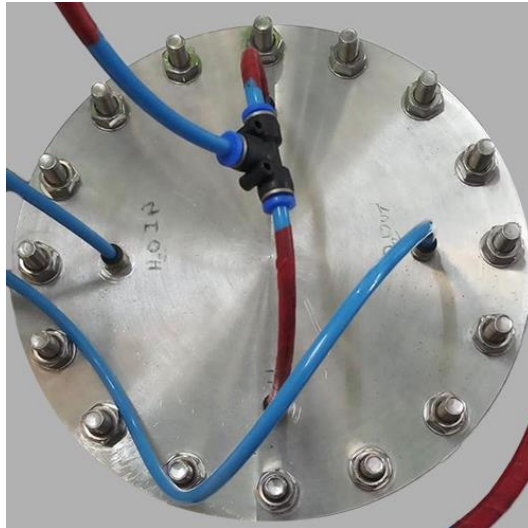
Microfiltration systems



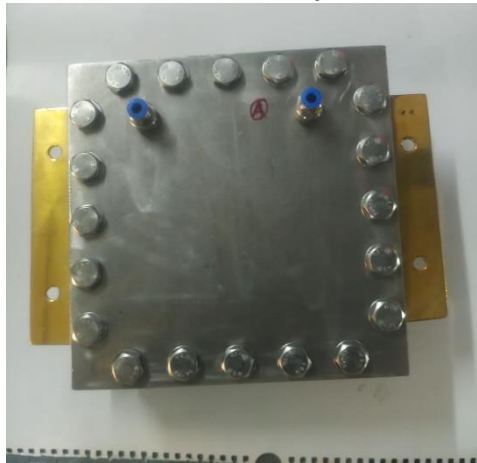
Hollow fibre membranes



PEM Electrolyser



AEM Electrolyser



Waste to Energy- RUSA EIR Project- Alagappa University- Industry Project- 10KLD STP

Phase 1: Acidogenic anaerobic wastewater digestive (AAWWD) hydrogen production system.

Phase 2: MEC hydrogen production (Day time) and MFC based treated water electrolysis (Night time).

Phase 3: Hollow fibre membrane-assisted membrane bioreactor 500 L (MBR) System. (GRT-200+ plants implemented)

Phase 4: Hydrogen generation by treated water electrolysis using solar based 5Nm³ electrolyzer (100 L/hr).

New In-house Institutional Industry products



Future plan

- ALU- MSME collaboration
- Industry – Faculty members’ active interaction
- MSME exhibitions at our University.
- MaFoi- Facilitator for Industry – Faculty members’ interaction – persistent fund generation for our University.
- Common display room for ALU-Collaborating Industry\ ALU - Prototypes.