



தமிழ்நாடு தமில்நாடு TAMIL NADU
3319
07/2/17
Vels University
Chennai

33AB 332442

A. VALLIMANAVALAN (S.V.)
06 / CH (S) / 2008 Dt. 19-11-2008
West Tambaram, Chennai-45
Cell: 9840386492

MEMORANDUM OF UNDERSTANDING


This Memorandum of Understanding (MOU) is executed on the 9th day of February 2017 in Chennai


BETWEEN

VISTAS (hereinafter referred as VELS University) with its Registrar placed at Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai 600117

AND


ARMATS Biotek Training and Research Institute, # No. 14/18, Link road, Maduvankarai, Guindy, Chennai - 600032.


REGISTRAR
VELS UNIVERSITY
(VISTAS)
Velan Nagar,
P.V. Vaithiyalingam Road,
Pallavaram, Chennai-600 117

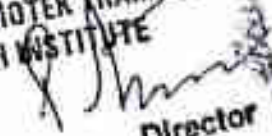
For ARMATS BIOTEK TRAINING &
RESEARCH INSTITUTE

Director

The parties collaborate, cooperate and interact to achieve the following scopes of this MOU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.
 - 1.1. Examples of research works under the title to Biotechnological applications of Marine and Terrestrial Microorganisms Screening of marine and terrestrial microorganisms for the production of industrial enzymes
 - 1.1.1. Bioactive secondary metabolites of marine and terrestrial microorganisms
 - 1.1.2. Use of marine and terrestrial microorganisms for the synthesis of nanoparticles
 - 1.1.3. Biological control agents and biofertilizers
 - 1.1.4. Development of aquaculture products
 - 1.2. Examples of research works under the title Bioremediation of environmental pollution.
 - 1.2.1. Bioremediation of industrial effluents by marine and terrestrial microorganisms
 - 1.2.2. Bioremediation of solid wastes of industries by marine and terrestrial microorganisms
 - 1.2.3. Use of enzymes in bioremediation of industrial effluents and solid wastes
 - 1.3. Research works under the title Phytomedicines
 - 1.4. Research works under the title Nanotechnology
2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.


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Director

3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, ARMATS BIOTEK can request to utilize the expertise of Vels University staff for their technical events. However, exchange of faculties or staff or scientist is to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of working staff may avail with mutual concerns.
4. Both institutes agree to utilize their Laboratory Instrument Facilities without any payments. When such utilizations don't affect the normal functioning of the other.

3. Costs :

3.1 Each Party will be responsible for its own costs in connection with all matters relating to collaborations under this MoU. Where possible and appropriate, the Parties may also seek funding for collaborations from other government and private agencies.


4. General Provisions

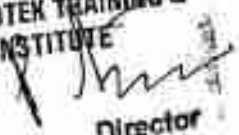
4.1 As stated above, any specific joint projects will be set forth in separate written agreements.

4.2 Treatment of intellectual property rights developed through collaborations under this MoU will be determined between the Parties through mutual consultation and separate written agreements on a case-by-case basis.

4.3. Publication credits of any kind arising as a result of this MoU shall be shared by both the Parties. The lead authors would be the Party where major part of the experiments conducted. The corresponding authors of the publications would be the Party which has prepared the manuscript.

The above issues will be discussed by the parties and decide the authorship details. The publications as a result of this MoU will be made under mutual concerns of the Parties while either Party is intimated verbally.


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For ARMATS BIOTEK TRAINING'S.....
RESEARCH INSTITUTE

Director



School of Engineering


Department of Bio-Engineering

Guest Lecture

The Department of Bio-Engineering B.Tech Biotechnology is conducting a guest lecture by Dr. Arumugam (Managing Director, Armats Biotech, Chennai) on the topic "Plant based drugs in Biotechnology" for I year and II year B.Tech Biotechnology students.

Topic	Venue	Date and time
Plant based drugs in Biotechnology	Lecture Theater	9 th February, 2017. 10.00 am to 11.30 am

Interested students can attend.


Signature of **HOD**
Department of Biotechnology,
School of Engineering,
Vels University,
Pallavaram, Chennai - 600 117.

Arumugam Perumal

Director of Armats Biotek Research Institute.

Arumugam completed his Doctorate from the field of Applied Environmental Microbiology from the University of Madras. He has a strong knowledge in Enzyme technology, protein biochemistry, fermentation technology, phytochemistry and microbial technology. He has published more than 50 research articles in national and international journals. And he has successfully guided more than 250 project students for their academic projects.

Some of his Research Accomplishments like

Hair mats

Hair mats is an herbal hair growth stimulant developed by ARMATS Biotek which has excellent performance reports.

Folia Mats

Plant growth promoters are the factors that cause significant improvement in the quality and productivity of plant crops.

Geo Mats

Geo Mats is a premium organic fertilizer formulated and produced by ARMATS Biotek.

Other commercial products like

Millet Cookies

Gluten Free Millet Cookies

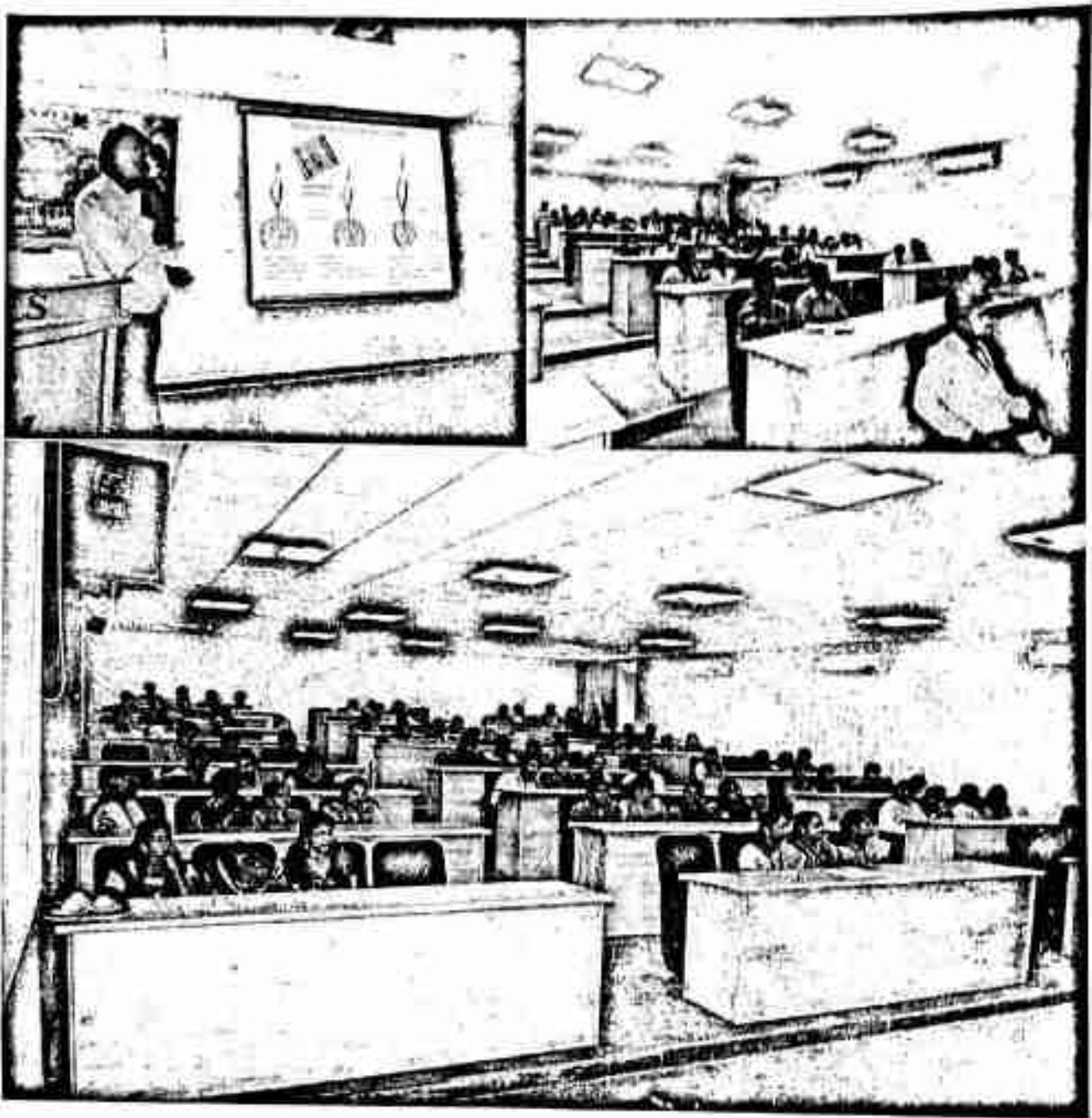
Fruit Squash & Syrup

Millet Rusk

He has filed around 7 Patents to his credits some of them are

1. Method for extracting an anti-diabetic pharmaceutical composition from insects TR-5 C.B.R.NO:7180
2. E-Phoresis Ranger TR-5 C.B.R. NO: 8189
3. SDS- PAGE Power Cut Ranger TR-5 C.B.R.NO:8189
4. Electric Cable Encapsulation TR-5 C.B.R.NO:8189
5. Self-charging mobile phones TR-5 C.B.R.NO:8190
6. Physical power generator TR-5 C.B.R.NO:8190
7. Instant mobile charger TR-5 C.B.R.NO:8190

Guest lecture given by Dr.Arumugam for 1 year and II year Bio-Engineering students





VELS UNIVERSITY



VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)

Deemed to be University instt. U/s. 3 of the UGC Act, 1956

NAAC Accredited

PALLAVARAM - CHENNAI - INDIA

*The Management
&
The Faculty and Students of
Department of Bio-Engineering
School of Engineering*

cordially invite you for the

**National Conference
on
Recent Trends in Biotechnology
and its Applications**

Dr. P. Arumugam

Director,
Armats Biotek, Chennai

inaugurates

Prof. Dr. V. Thamizh Arasan

Vice Chancellor,
Vels University

presides

on Thursday, 9th February 2017.

*Venue
Lecture Theatre*

Dr. P. Brindha Devi
Convener

S. Ivo Romauld
Organising Secretary

Program Schedule

Day - 1 09.02.2017

09.00 a.m.	Registration	
10.00 a.m.	Invocation	
10.15 a.m.	Welcome Address	Dr. P. Brindha Devi HOD, Department of Bio-Engineering
10.30 a.m.	Lighting of Lamp	
10.45 a.m.	Presidential Address	Prof. Dr. V. Thamizh Arasan Vice Chancellor
11.10 a.m.	Signing of MoU	Prof. Dr. A.R. Veeramani Registrar
11.15 a.m.	Inaugural Address	Dr. P. Arumugam Director, Armats Biotek, Chennai
11.30 a.m.	Vote of Thanks	Mr. S. Ivo Romauld Asst. Professor, Dept. of Bio-Engineering
11.40 a.m.	Tea Break	
11.55 a.m.	Plenary Lecture I	Dr. P. Arumugam Director, Armats Biotek, Chennai
01.00 p.m.	Lunch Break	
02.00 p.m.	Plenary Lecture II	Dr. D. Yuvaraj HOD, Dept. of Biotechnology, Vel Tech Engineering College, Chennai
03.30 p.m.	Tea Break	

Day - 2 10.02.2017

10.00 a.m.	Plenary Lecture III	Dr. Jegannathan Krishnan Associate Professor, Dept. of Chemical Engg., SSN College of Engineering, Chennai
11.00 a.m.	Tea Break	
11.15 a.m.	Technical Sessions	
12.30 p.m.	Lunch Break	
01.30 p.m.	Plenary Lecture IV	Dr. K. Rajagopal Director, School of Life Sciences, Vels University
03.00 p.m.	Tea Break	
	Valedictory Session	
03.15 p.m.	Welcome Address	Dr. P. Brindha Devi HOD, Dept. of Bio-Engineering
03.20 p.m.	Valediction and Certificate Distribution	Dr. S. Sivasubramanian Advisor (R & D), Vels University
04.30 p.m.	Vote of Thanks	Dr. Charles David Asst. Professor, Dept. of Bio-Engineering

VELS UNIVERSITY

Department of Bio-Engineering
B.Tech Biotechnology
School of Engineering

IIIrd Year

Internal Participants for RTBA 2017

S.No.	Reg.No.	NAME	SIGNATURE
1	15614102	ABISHEK KUMAR YADAV	Abhishek Yadav
2	15614103	AKASH ARAVINDHAN	Akash Aravindhan
3	15614104	AKILASHREE	Akilashree (Veg)
4	15614105	ANANTH VIKRANTH	Ananth Vikranth
5	15614106	ARUL GAYATHRI	Arul Gayathri
6	15614107	BAGYA LAKSHMI	Bagya Lakshmi (Veg)
7	15614108	GAYATHRI S	Gayathri S
8	15614109	GAYATHRI T	T. Gayathri
9	15614110	HEMASHREE	Hemashree T
10	15614111	HEMASUDHA	Hemasudha TS (Veg)
11	15614112	JASMIN MONISHA	Jasmin L
12	15614113	KANNA MIRUNAALINI	Kanna Mirunaalini
13	15614114	KARTHIKA	Karthika
14	15614115	KAVITHA	Kavitha
15	15614116	LUVINCIA FERNANDO	M. Luvincia Fernando
16	15614117	PAVITHRA	Pavithra
17	15614118	PAVYA	Pavya
18	15614119	PRASUNNASREE	Prasunna Sree
19	15614120	ABISHEK BISWAL	Abhishek Biswal
20	15614121	SENESHA	Senesha
21	15614122	SANJANA	Sanjana
22	15614123	SHALINI	Shalini
23	15614124	SHARMILA	Sharmila
24	15614125	SWETHA	Swetha (Veg)
25	15614126	VENKATARAGAVAN	Venkat (Veg)
26	15614127	YUVARANI	Yuvarani
27	15614128	AISHWARYA	Aishwarya
28	15614129	ARAVINDH PRABHU	Aravindh Prabhu
29	15614131	JAYASHREE	Jayashree (Veg)
30	15614132	DEEKSHA	Deeksha
31	15614133	KRISHNA VENI	Krishna Veni
32	15614134	ZEBHA MOHAMMED ALI	Zebha

VELS UNIVERSITY

Department of Bio-Engineering
B.Tech Biotechnology
School of Engineering

S.NO	NAME	SIGNATURE
✓ 1	ABIRLA M	<i>Abirila M</i>
✓ 2	ARCHANA JEEVAN	<i>Archana Jeevan</i>
✓ 3	ARYAMAN DAS	<i>Aryaman Das</i>
✓ 4	ASHARAF AH G	<i>Asharaf Ah G</i>
✓ 5	DEVASENA UMAL R	<i>Devasena Umal R</i>
✓ 6	DIVYA SOUNDARYA S	<i>Divya Soundarya S</i>
✓ 7	DWARAKANATH PR	<i>ab</i>
✓ 8	FATHIMUTHU A	<i>Fathi</i>
✓ 9	GOMATHY S	<i>Gomathy S</i>
✓ 10	KARTHIKEYAN S	<i>Karthikeyan S</i>
✓ 11	KIRUTHIGA R	<i>Kiruthiga R</i>
✓ 12	LANCE ROHIT J	<i>Rohit J</i>
✓ 13	MUGUNTHAN P	<i>Mugunthan P</i>
✓ 14	PAVITHRA A	<i>A Pavithra</i>
✓ 15	PAVITHRA S	<i>Pavithra S</i>
✓ 16	PRIYADHARSHINI K	<i>Priyadharsini K</i>
✓ 17	PRIYADHARSHINI S	<i>Priyadharsini S</i>
✓ 18	RAHINI SHREE V	<i>ab</i>
✓ 19	RAHUL NATH	<i>Rahul Nath</i>
✓ 20	RIA RAVELIN K	<i>Ria</i>
✓ 21	ROSHINI S R	<i>Roshini S R</i>
✓ 22	SANJANA M	<i>Sanjana M</i>
✓ 23	THARAKESH R	<i>Tharakesh R</i>
✓ 24	VIGNESH M P	<i>Vignesh M P</i>
✓ 25	VISHAL BALAJI S	<i>S. Vishal</i>
✓ 26	VISHNU VARDHAN E	<i>Vishnu Vardhan E</i>
✓ 27	SHIVANIKA C	<i>Shivani C</i>
✓ 28	KEETHANA	<i>ab</i>
✓ 29	ARAVIND C	<i>A. Aravind</i>
✓ 30	HARSHA VARDHAN	<i>Harsha Vardhan</i>



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VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)

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PALLAVARAM - CHENNAI - INDIA

*National Conference
on
Recent Trends in Biotechnology
and its Applications*

February 9th & 10th, 2017



Organised by the
Department of Bio-Engineering,
School of Engineering

About the Institution

Vellore Institute of Science, Technology and Advanced Studies (VISTAS) was established under section 2 of the UGC Act, 1956, by the Ministry of Human Resource Development, Govt. of India. In 2008 VISTAS (popularly known as Vels University) has originated from a self-financing group of institutions known as Vels Group of Institutions established in 1992. The University status has been conferred by the UGC after taking into account the rich experience accumulated by the management and the quality of trainees in the field of higher education.

The University is multi-disciplinary which offers varied and innovative courses in emerging areas. The University offers 41 Under-graduate, 58 Post-graduate programmes and several Diploma and Certificate Programmes of Contemporary relevance.

About the Department

Department of Bio-Engineering (B.Tech. - Biotechnology) under the School of Engineering was started in the year 2005. The department offers B.Tech. Biotechnology and Ph.D. Programmes. The department has well equipped laboratories for advanced research facilities in Biotechnology. The thrust areas of research include Molecular Biology, Drug Discovery and Development, Bio-process Technology and Environmental Biology.

Focus of the Conference

Biotechnology is a fast growing field in the 21st Century. Many new techniques have been developed to produce medically valuable compounds, to change hereditary traits of plants and animals, to diagnose diseases and to cure them through biotechnological based recombinant proteins and polypeptides developing into new class of drugs or vaccines and also to clean up the environment.

In this way, Biotechnology has very great impact in all the major areas which help the society both environmentally and medically. Biotechnology is a complete work. "The field of science can be written without the use of techniques of Biotechnology." Oswald. Biotechnology is a miracle which mainly serves the society.

Topics for Poster and Oral presentation

- Animal and Plant Biotechnology
- Bioinformatics
- Microbial
- Bioprocess Technology
- Biomimetic
- Biotechnology in Health Care
- Chemical Reaction Engineering
- Computational Biology
- Drug Discovery and Development
- Environmental Biotechnology
- Genetic Engineering and Recombinant DNA Technology
- Marine Biotechnology
- Medical Microbiology and Pathology
- Nanotechnology
- Nanotechnology and Renewable Energy

Call for Papers

Original unpublished Research papers / Reviews are invited from academicians / Research scholars to be presented at the conference. The papers will be selected after Paperform Check using Turnitin software. The participants who are willing to publish their conference paper in a SCOPUS indexed journal will have to pay an additional amount during registration.

Guidelines for Poster

The following standard format is required for preparing poster: Size - 3.5 ft x 4 ft. Title, affiliation of Authors on the top with bold letters & presenting Author must be indicated (minimum two per field)

Guidelines for Full length Paper

Page size: A4, Font: Times New Roman 12, Line spacing: 1.5

Last date for Abstract Submission	30-11-2017
Abstract acceptance	01-12-2017
Last date for Full length paper	16-12-2017

Registration

Deans, Academics and Scientists from leading Research Laboratories, Companies / Institutes, Universities and Colleges from all over India will be delivering primary lectures on the topics listed above and interacting with young scientists, research scholars and students.

Participants	Up to 30-11-2017	From the date 01-12-2017
Students	Rs. 300	Rs. 100
Research Scholars	Rs. 500	Rs. 150
Faculty & Scientists	Rs. 500	Rs. 250
Exhibitors	Rs. 5000	

The Registration Fee should be paid in the form of Cash / Cheque / DD drawn in favour of The Registrar, VELS University payable at Chennai.

Accommodation will be provided on prior request at an additional cost.

The selected papers will be published in a SCOPUS indexed journal.

Kindly download the Registration Form from the Conference Website and send it to the Correspondence Address along with DD or cheque.

Venue

The inaugural function and other sessions will be held at the Lecture Theatre in Vels University campus. The campus is located very close to Pallanam suburban Railway Station (1.5 km), 20 km from Central Railway Station and 4 km from Domestic and International airport, Chennai.

Organizing Committee

Chief Patron	Dr. Ishari K. Ganesh President, VELS University Founder - Chairman, VELS Group of Institutions
Patron	Prof. Dr. A. Jothi Murugan Vice President (Planning & Development)
Members	Prof. Dr. V. Thamizh Arasan , Vice Chancellor Prof. Dr. S. Sivasubramanian , Advisor (R & D) Prof. Dr. P. Govindarajan , Special Officer Prof. Dr. A.R. Veeramani , Registrar Prof. Dr. A. Joseph Durai , Controller of Examinations Dr. P. Swaminathan , Dean, School of Engineering Dr. C. Dhanasekaran , Co ordinator, School of Engineering
Convener	Dr. P. Brindha Devi Head, Department of Bio-Engineering
Organizing Secretary	Mr. Ivo Romauld Assistant Professor, Department of Bio-Engineering
Treasurer	Dr. A. Charles David Assistant Professor, Department of Bio-Engineering

National Advisory Committee

- Dr. R. Dinakaran Michael**, Dean, School of Life Sciences, Vels University
Dr. K. Rajagopal, Director, School of Life Sciences, Vels University
Dr. D. Yuvaraj, Professor & Head, Department of Biotechnology, Vel Tech High Tech Dr. RR & SR Engineering College, Chennai
Dr. S. Thiruvengadam, Associate Professor, Rajalakshmi Engineering College, Chennai
Prof. D. Sriram, BITS - Pilani, Hyderabad campus
Prof. P. Yogeewari, BITS - Pilani, Hyderabad campus

Correspondence Address

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Room No. OEB 001, Department of Bio-Engineering, VELS University,
Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai 600 117.
E-mail : rtba2017@gmail.com

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Mr. Ivo Romauld : 95000 68857
Dr. Charles David : 98406 20430