

Swami Garishthananda
Secretary

Dr. C. Jayabalakrishnan, M.Sc., M.Phil., Ph.D.,
Principal

20.10.2016

To

Dr. A. Chandramohan
Associate Professor & Head, Department of Chemistry
SRMV College of Arts and Science
Coimbatore – 641 020


Dear Dr. A. Chandramohan Anna,

I am happy to inform you that you have been nominated as a resource person for a Certificate Course on "Instrumentation Techniques" to be conducted under Student Exchange Programme from 25th November 2016 to 3rd December 2016. I request you to make it convenient to share your expertise as per the schedule detailed below;

S. No.	Date	Time	Topic	Venue	Audience
1.	25.11.2016	9.30 to 11.00 am	UV-Visible Spectroscopy	Mini Auditorium	Students of Kamaraj College, Tuticorin
2.		2.00 to 4.10 pm	UV-Visible Spectroscopy – Demo.	SRMV ARIC	
3.	26.11.2016	9.30 to 11.00 am	FT-IR Spectroscopy	Mini Auditorium	
4.		2.00 to 4.10 pm	FT-IR Spectroscopy – Demo.	SRMV ARIC	
5.	28.11.2016	9.30 to 11.00 am	UV-Visible Spectroscopy	Mini Auditorium	Students of Sri Kalishwari College (Boys)
6.		2.00 to 4.10 pm	UV-Visible Spectroscopy – Demo.	SRMV ARIC	
7.	29.11.2016	9.30 to 11.00 am	FT-IR Spectroscopy	Mini Auditorium	
8.		2.00 to 4.10 pm	FT-IR Spectroscopy – Demo.	SRMV ARIC	
9.	01.12.2016	9.30 to 11.00 am	UV-Visible Spectroscopy	Mini Auditorium	Students of Sri Kalishwari College (Girls)
10.		2.00 to 4.10 pm	UV-Visible Spectroscopy – Demo.	SRMV ARIC	
11.	02.12.2016	9.30 to 11.00 am	FT-IR Spectroscopy	Mini Auditorium	
12.		2.00 to 4.10 pm	FT-IR Spectroscopy – Demo.	SRMV ARIC	

Acknowledgement is highly appreciated.

Thanking You,


Principal



SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE

Coimbatore - 641 020

In Collaboration with

KAMARAJ COLLEGE, Tuticorin - 628003



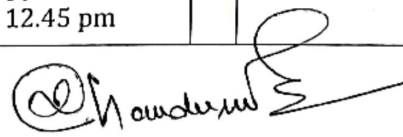
Student Exchange Programme

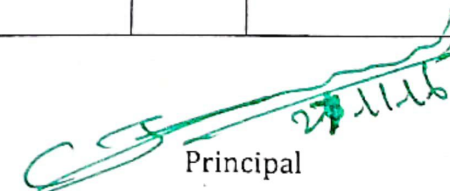
Certificate Course on "Instrumental Techniques" from 25th to 27th November 2016 Venue: SRMV CAS, Coimbatore - 20

Schedule

Date	Session I		Session II	Session III		Demonstration & Assignment	Demonstration & Assignment	Tea & Games	Session IV (Personality development)
25.11.16 (Friday)	9.30 to 11.00 am Dr. A. Chandramohan, (UV-Visible Spectroscopy)	T e a	11.15 to 12.45 pm Dr. A. Muthusamy, (Thermal Analysis)		L u n c h	B I 2.00 to 2.30 pm	B III 2.00 to 2.30 pm	4.10 to 5.30 pm	6.00 to 7.00 pm Dr. R. Anand,
						B II 2.30 to 3.00 pm	B IV 2.30 to 3.00 pm		
						B III 3.10 to 3.40 pm	B I 3.10 to 3.40 pm		
						B IV 3.40 to 4.10 pm	B II 3.40 to 4.10 pm		
26.11.16 (Saturday)	9.30 to 11.00 am Dr. A. Chandramohan, (FT-IR Spectroscopy)		11.15 to 12.00 Noon Dr. G. Raja, (Magnetic Susceptibility)	12.00 to 12.45 pm Dr. R. Suresh, (Conductivity and Photoreactor)		B I 2.00 to 2.30 pm	B III 2.00 to 2.30 pm	6.00 to 7.00pm Dr. R. Gokul,	
						B II 2.30 to 3.00 pm	B IV 2.30 to 3.00 pm		
						B III 3.10 to 3.40 pm	B I 3.10 to 3.40 pm		
						B IV 3.40 to 4.10 pm	B II 3.40 to 4.10 pm		
27.11.16 (Sunday)	9.30 to 11.00 am Dr. R. Jayaprakash, (Fluorescence Spectroscopy)		Demonstration for Fluorescence Spectroscopy B I & II 11.15 to 12.00 noon			2.00 to 3.00 pm Online Examination	3.00 to 3.30 pm Valedictory, Feedback & Certificate distribution		
			Demonstration for Fluorescence Spectroscopy B III & IV 12.00 to 12.45 pm						


Convener


Organizing Secretary


Principal



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Coimbatore - 641 020

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Student Exchange Programme

Certificate Course on "Instrumental Techniques" from 25th to 27th November 2016

Venue: Sri Ramakrishna Mission Vidyalyaya College of Arts and Science

I Day: 25.11.2016

Prayer : 9.30 am

Welcome Address : 9.35 to 9.40 am: **Dr. C. Jayabalakrishnan**, Principal

Lecture Session – I

Time : 9.30 to 11.00 am

Batch : I - IV

Topic : **UV-Visible Spectroscopy**

Speaker : **Dr. A. Chandramohan**, HoD of Chemistry

Venue : Smart Class Room, Department of Mathematics

Tea Break : 11.00 am to 11.15 am

Lecture Session – II

Time : 11.15 to 12.45 pm

Batch : I - IV

Topic : **Thermal Analysis**

Speaker : **Dr. A. Muthusamy**, Assistant Professor of Chemistry

Venue : Smart Class Room, Department of Mathematics

Lunch Break : 12.45 to 2.00 pm

Demonstration : 2.00 to 3.00 pm for batch I & II and 3.10 pm to 4.10 pm for batch III & IV

Topic : **UV-Visible Spectroscopy**

Speaker : **Dr. A. Chandramohan**, HoD of Chemistry & Research Scholars

Venue : SRMV Advanced Instrumentation Centre (DST-FIST Sponsored)

Demonstration : 2.00 to 3.00 pm for batch III & IV and 3.10 pm to 4.10 pm for batch I & II

Topic : **Thermal Analyser**

Speaker : **Dr. A. Muthusamy**, Assistant Professor of Chemistry & Research Scholars

Venue : SRMV Advanced Instrumentation Centre (DST-FIST Sponsored)

Games : 4.30 to 5.30 pm – **Dr. S. Ramesh Kumar**, Physical Director

Refreshment : 5.30 pm to 6.00 pm

Personality Development Class : **Dr. R. Anand**, Assistant Professor of Tamil

II Day: 26.11.2016

Lecture Session – III

Time : 9.30 to 11.00 am
Batch : I - IV
Topic : **FT-IR Spectroscopy**
Speaker : **Dr. A. Chandramohan**, HoD of Chemistry
Venue : Smart Class Room, Department of Mathematics
Tea Break : 11.00 am to 11.15 am

Lecture Session – IV

Time : 11.15 to 12.00 noon
Batch : I - IV
Topic : **Magnetic Susceptibility**
Speaker : **Dr. G. Raja**, Assistant Professor of Chemistry
Venue : Smart Class Room, Department of Mathematics

Lecture Session – V

Time : 12.00 noon to 12.45 pm
Batch : I - IV
Topic : **Conductivity and Photochemical reactor**
Speaker : **Dr. R. Suresh**, Assistant Professor of Physics
Venue : Smart Class Room, Department of Mathematics

Lunch Break : 12.45 to 2.00 pm

Demonstration : 2.00 to 3.00 pm for batch I & II and 3.10 pm to 4.10 pm for batch III & IV
Topic : **FT-IR Spectroscopy**
Speaker : **Dr. A. Chandramohan**, HoD of Chemistry & Research Scholars
Venue : SRMV Advanced Instrumentation Centre (DST-FIST Sponsored)

Demonstration : 2.00 to 2.30 pm for batch III and 2.35 pm to 3.00 pm for batch IV
3.10 to 3.40 pm for batch I and 3.45 pm to 4.15 pm for batch II
Topic : **Magnetic Susceptibility**
Speaker : **Dr. G. Raja**, Assistant Professor of Chemistry & Research Scholars
Venue : SRMV Advanced Instrumentation Centre (DST-FIST Sponsored)

Demonstration : 2.00 to 2.30 pm for batch IV and 2.35 pm to 3.00 pm for batch III
3.10 to 3.40 pm for batch II and 3.45 pm to 4.15 pm for batch I
Topic : **Conductivity and Photochemical reactor**
Speaker : **Dr. R. Suresh**, Assistant Professor of Physics & Research Scholars
Venue : SRMV Advanced Instrumentation Centre (DST-FIST Sponsored)

Games : 4.30 to 5.30 pm – Dr. S. Ramesh Kumar, Physical Director
Refreshment : 5.30 pm to 6.00 pm

Personality Development Class : Dr. R. Gokul, Assistant Professor of Tamil

III Day: 27.11.2016

Lecture Session – III

Time : 9.30 to 11.00 am
Batch : I - IV
Topic : **Fluorescence Spectroscopy**
Speaker : **Dr. R. Jayaprakash**, Associate Professor of Physics
Venue : Smart Class Room, Department of Mathematics

Tea Break : 11.00 am to 11.15 am

Demonstration : 11.15 to 12.00 noon for batch I & II and
12.00 noon to 12.45 pm for batch III & IV
Topic : **Fluorescence Spectroscopy**
Speaker : **Dr. R. Jayaprakash**, Associate Professor of Physics & Research Scholars
Venue : SRMV Advanced Instrumentation Centre (DST-FIST Sponsored)

Lunch Break : 12.45 to 2.00 pm

Online Examination : 2.00 to 3.00 pm

Valedictory : 3.00 to 3.30 pm

Feedback & Certificate Distribution



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Coimbatore - 641 020

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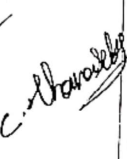
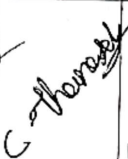
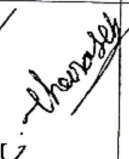
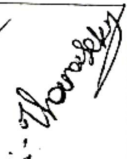
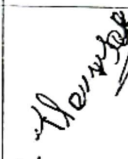








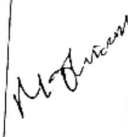
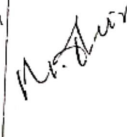
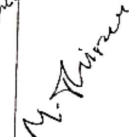
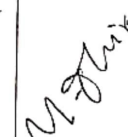
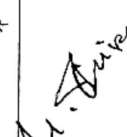
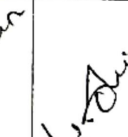

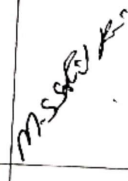
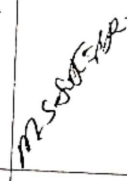
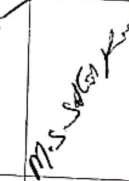
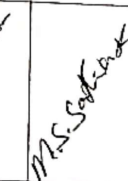
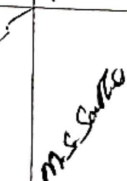
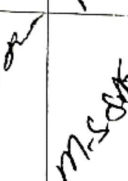














Student Exchange Programme










Certificate Course on "Instrumental Techniques"









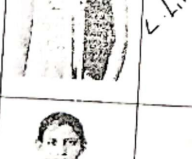
Date: 25.11.2016 to 27.11.2016









Venue: SRMV CAS, Coimbatore - 20

Attendance Sheet

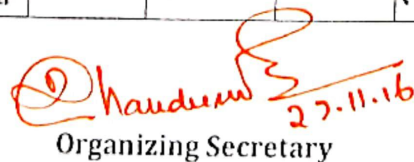
S. No.	Name		25.11.2016		26.11.2016		27.11.2016	
			FN	AN	FN	AN	FN	AN
1.	Thanasekar. C							
2.	Santhosh Raja. K							
3.	Thirumani. M							
4.	Sathish Kumar. M.S							
5.	Jeyasurya. E							
6.	Diwahar. M							

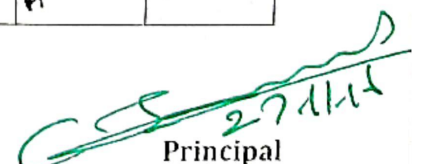
7.	Aathiraman. S		S. Aathi	S. Aathi	S. A. Thi	S. A. Thi	S. A. Thi	S. A. Thi
8.	Ponraj. A		A. Ponraj	A. Ponraj	A. Ponraj	A. Ponraj	A. Ponraj	A. Ponraj
9.	Sathish Kumar. S		S. Sathish Kumar	S. Sathish Kumar	S. Sathish Kumar	S. Sathish Kumar	S. Sathish Kumar	S. Sathish Kumar
10.	Beer Sheik Mohammed. A		A. Beer Sheik Mohammed	A. Beer Sheik Mohammed	A. Beer Sheik Mohammed	A. Beer Sheik Mohammed	A. Beer Sheik Mohammed	A. Beer Sheik Mohammed
11.	Manikandan. S		S. Manikandan	S. Manikandan	S. Manikandan	S. Manikandan	S. Manikandan	S. Manikandan
12.	Nagarajan. S		S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan
13.	Prakash. P		P. Prakash	P. Prakash	P. Prakash	P. Prakash	P. Prakash	P. Prakash
14.	Karthik Madhavan. R		R. Karthik Madhavan	R. Karthik Madhavan	R. Karthik Madhavan	R. Karthik Madhavan	R. Karthik Madhavan	R. Karthik Madhavan
15.	Marivel. S		S. Marivel	S. Marivel	S. Marivel	S. Marivel	S. Marivel	S. Marivel

16.	Karuppasamy. E		E. Karuppasamy	E. Karuppasamy	E. Karuppasamy	E. Karuppasamy	E. Karuppasamy	E. Karuppasamy
17.	Raj Kumar. B		B. Raj Kumar	B. Raj Kumar	B. Raj Kumar	B. Raj Kumar	B. Raj Kumar	B. Raj Kumar
18.	Sudalai Muthu. P		P. Sudalai Muthu	P. Sudalai Muthu	P. Sudalai Muthu	P. Sudalai Muthu	P. Sudalai Muthu	P. Sudalai Muthu
19.	Arul Jothi. R		R. Arul Jothi	R. Arul Jothi	R. Arul Jothi	R. Arul Jothi	R. Arul Jothi	R. Arul Jothi
20.	Muthu Mari. K		K. Muthu Mari	K. Muthu Mari	K. Muthu Mari	K. Muthu Mari	K. Muthu Mari	K. Muthu Mari
21.	Jeya Mutharasi. J		J. Jeya Mutharasi	J. Jeya Mutharasi	J. Jeya Mutharasi	J. Jeya Mutharasi	J. Jeya Mutharasi	J. Jeya Mutharasi
22.	Karthika Devi. M		M. Karthika Devi	M. Karthika Devi	M. Karthika Devi	M. Karthika Devi	M. Karthika Devi	M. Karthika Devi
23.	Linga Prabha. L		L. Linga Prabha	L. Linga Prabha	L. Linga Prabha	L. Linga Prabha	L. Linga Prabha	L. Linga Prabha
24.	Vijitha. J		J. Vijitha	J. Vijitha	J. Vijitha	J. Vijitha	J. Vijitha	J. Vijitha

25.	Mathavi. G		Gt Mathavi	Gt Mathavi	Gt Mathavi	Gt Mathavi	Gt Mathavi	Gt Mathavi
26.	Maria Poorana Vinnarasi. X		X. Maria Poorana Vinnarasi	X. Maria Poorana Vinnarasi	X. Maria Poorana Vinnarasi	X. Maria Poorana Vinnarasi	X. Maria Poorana Vinnarasi	X. Maria Poorana Vinnarasi
27.	Angel Leela. P Anjel Leela. P		P. Angel Leela	P. Angel Leela	P. Angel Leela	P. Angel Leela	P. Angel Leela	P. Angel Leela
28.	Gnana Malar Karthika. A		A. Gnana Malar Karthika	A. Gnana Malar Karthika	A. Gnana Malar Karthika	A. Gnana Malar Karthika	A. Gnana Malar Karthika	A. Gnana Malar Karthika
29.	Anusha. M		M. Anusha	M. Anusha	M. Anusha	M. Anusha	M. Anusha	M. Anusha
30.	Marisankari. N		N. Mari Sankari	N. Mari Sankari	N. Mari Sankari	N. Mari Sankari	N. Mari Sankari	N. Mari Sankari
31.	Nanthini Devi. P		P. Nanthini Devi	P. Nanthini Devi	P. Nanthini Devi	P. Nanthini Devi	P. Nanthini Devi	P. Nanthini Devi
32.	Amutha. M		M. Amutha	M. Amutha	M. Amutha	M. Amutha	M. Amutha	M. Amutha


Convener


Organizing Secretary


Principal



SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
Coimbatore - 641 020

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Student Exchange Programme

Certificate Course on "Instrumentation Techniques"

Date: 25th November 2016 to 27th November 2016

The Students Exchange Programme was organized by our college from 25th to 27th November 2016 for the students of Kamaraj College, Tuticorin. A total of 32 III B.Sc. Chemistry students (18 boys and 14 girls) and a faculty member participated and successfully completed the course and the duration of the course was three days.

The course consists of both theoretical and practical training about the instrumentation techniques. The schedule of the classes is detailed below;

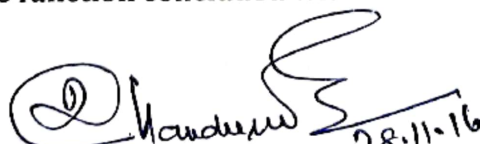
On 25.11.2016, the course started with prayer by Sri P. Rajavel, Multitasking staff, DDU-KAUSHAL Kendra. It is followed by the welcome address of Dr. C. Jayabalakrishnan, Principal. Then, Dr. G. Raja, Convener of the course presented the course schedule and dynamics of the programme to the students. In the first session, from 9.45 to 11.10 am, Dr. A. Chandramohan, Associate Professor & Head, Department of Chemistry delivered a lecture on **UV-Visible Spectroscopy**. The second session, from 11.30 am to 1.00 pm, was on **Thermal Analysis** by Dr. A. Muthusamy, Assistant Professor of Chemistry. In the afternoon session, from 2.00 to 4.00 pm, the principle and working of UV-Visible Spectrophotometer and TG-DT analyzer was demonstrated to the students with the assistance of research scholars. In the evening from 4.30 to 5.45 pm, some minor games were arranged by our physical directors, Dr. S. Ramesh Kumar and Sri. G. Balasundar. Finally, from 6.00 to 7.30 pm, the students were exposed to a

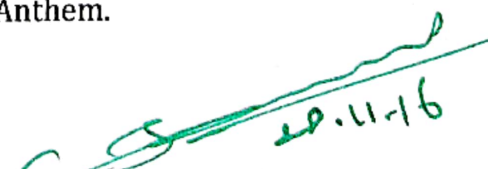
video show cum lecture on **"Indian Freedom Fight and Struggle"** by Dr. R. Anand, Assistant Professor of Tamil.

On 26.11.2016, in the third session from 9.30 to 11.00 am Dr. A. Chandramohan, Associate Professor & Head, Department of Chemistry presented his talk on **FT-IR Spectroscopy and its applications**. In the fourth session, from 11.30 am to 12.15 pm, Dr. G. Raja, Assistant Professor of Chemistry delivered a lecture on **Magnetic Properties of Chemical compounds**. Dr. R. Suresh, Assistant Professor of Physics delivered a lecture on **Conductivity studies and Photocatalytic properties** from 12.15 to 1.00 pm in the fifth session. The principle and working of FT-IR Spectrophotometer, Guoy's balance, Keithley instrument and Photoreactor were demonstrated from 2.00 to 4.10 pm. From 4.30 to 5.45 pm the students were engaged with some minor games for mind relaxation by our Physical directors. A lecture on **'Transforming Young India'** was delivered by Dr. R. Gokul, Assistant Professor of Tamil with the support of some short films.

On 27.11.2016, a lecture on Fluorescence Spectroscopy was delivered by Dr. R. Jayaprakash, Associate Professor of Physics from 9.30 to 11.00 am. It was followed by the demonstration on the principle and working of **Fluorescence Spectrophotometer** from 11.30 to 1.00 pm. An online examination was conducted from 2.00 to 2.30 pm for 25 marks. From 3.00 to 3.30 pm, valedictory function was conducted. Dr. C. Jayabalakrishnan, Principal welcomed the gathering, the faculty member and student representatives of Kamaraj College gave the feedback about the course. It was followed by the certificate distribution by Dr. C. Jayabalakrishnan, Principal and Dr. A. Chandramohan, Organizing Secretary. Finally, the Organizing Secretary of the programme delivered the formal Vote of Thanks. The function concluded with National Anthem.


28.11.16
Convenor


28.11.16
Organizing Secretary


28.11.16
Principal

Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore-20
in Collaboration with Kamaraj College, Tuticorin
Students Exchange Programme
Certificate Course on Instrumentation Techniques
from 25.11.2016 to 27.11.2016

