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Every Good Work

SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur – 635 601, Tamil Nadu, S.India

Resi : (04179) 220103

College : (04179) 220553

Fax : (04179) 226423

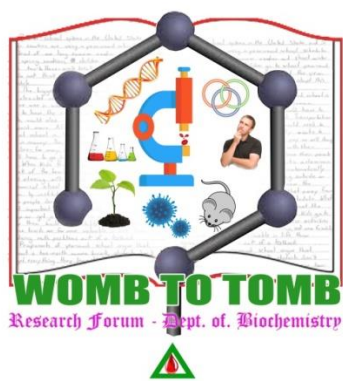
A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987

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

2.2. Catering to Students Diversity Programmes for Advanced Learners Research Forum - 2018 - 2019

**ANNUAL REPORT OF RESEARCH FORUM ACTIVITIES
(2018 – 2019)**

**Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur – 635 601,
Vellore District,**



Submitted by

**Dr. I. Niyas Ahamed,
Research Forum Coordinator,
Department of Biochemistry**



**SACRED HEART COLLEGE (Autonomous)
TIRUPATTUR.**

Research Forum Report
Department of Computer Applications (UG)
Sacred Heart College, Tirupattur.

Programme : **1**
Topic : **Recent Trends in Computer Science**
Date : **17/7/2018**
Time : **11.00 am**
Venue : **Oasis Hall**

The seminar started with a prayer. Prof.A.Selvaraj Jeyakumar welcomed the students. He introduced the resource person Dr.A.Mekala, Department of Computer Applications, Sacred Heart College, Tiruapptur.

She talked on the current programming languages in computer science. She gave the history of Julia Language. She explained the various features of programming language. She also demonstrated various functions in Julia Language. The students asked doubts in Julia Language and she clarified all their doubts.

Finally, the research coordinator thanked the students and resource person. The meeting got over at 12.30 pm.

Research Forum Report
Department of Computer Applications (UG)
Sacred Heart College, Tirupattur.

Programme : 2
Topic : **Research Proposal Method**
Date : **20/09/2018**
Time : **11.00 am**
Venue : **Oasis Hall**

The seminar started with a prayer. Prof.A.Selvaraj Jeyakumar welcomed the students. He introduced the resource person Prof.J.Merlin Florence, Department of Computer Applications, Sacred Heart College, Tiruapptur. The resource spoke on the topic "Research Proposal Method".

She talked about what a research is and how to prepare the research proposal. She explained how to choose a research problem from the reputed journals. She also shared her ideas to prepare a research paper. She also quoted famous research journals available for computer science. The students asked doubts in writing research proposal and she clarified all their doubts.

Finally, the research coordinator thanked the students and resource person. The meeting got over at 12.30 pm.

Research Forum Report

Department of Computer Applications (UG)

Sacred Heart College, Tirupattur.

Programme : **3**
Topic : **Software Project Management**
Date : **27/09/2018**
Time : **11.30 am**
Venue : **Department Hall**

The seminar started with a prayer. Prof.A.Selvaraj Jeyakumar welcomed the students. The resource person for the session was Prof. A.Selvaraj Jeyakumar, Department of Computer Applications, Sacred Heart College, Tiruapptur. The resource spoke on the topic "Software Project Management".

He talked different types of stake holders for the software. He spoke about dynamic programming way of preparing the software. He iterated various ways of preparing the software. He gave various ideas to instill in their mind the joy of preparing the software. The students asked doubts in software project management and he clarified all their doubts.

Finally, the research leader thanked the students and resource person. The meeting got over at 12.30 pm.

Research Forum Report
Department of Computer Applications (UG)
Sacred Heart College, Tirupattur.

Programme : **4**
Topic : **Software Interview Process**
Date : **15/02/2019**
Time : **11.30 am**
Venue : **AV Hall, Library**

The seminar started with a prayer. Prof.A.Selvaraj Jeyakumar welcomed the students. He welcomed the resource person was Prof. T. Prabakaran, Department of Life Education, Sacred Heart College, Tiruappttur. The resource spoke on the topic "Software Interview Process".

He talked what the interview is and different types of interview that take place in software industry. He gave various ideas to prepare the resume. He emphasized the need to present oneself well during the interview process. He gave the importance of English language during interview. He informed the few websites that will pose online questions to prepare oneself for the interview. The students asked doubts in software interview process and he clarified all their doubts.

Finally, the research coordinator thanked the students and resource person. The meeting got over at 12.30 pm.

Research Forum Report
Department of Computer Applications (UG)
Sacred Heart College, Tirupattur.

Programme : **5**
Topic : **Pervasive Technology**
Date : **18/02/2019**
Time : **11.30 am**
Venue : **Oasis Hall**

The seminar started with a prayer. Prof.A.Selvaraj Jeyakumar welcomed the students. He welcomed the resource person was Prof. Krishnakumar, Department of Computer Applications, Sacred Heart College, Tiruapptur. The resource spoke on the topic "Pervasive Technology".

He talked what pervasive technology is and different places in which pervasive technology are used. He spoke different avenues for research in pervasive technology. The students asked doubts in software interview process and he clarified all their doubts.

Finally, the research coordinator thanked the students and resource person. The meeting got over at 12.30 pm.

Sacred Heart College (Autonomous)

Annual Evaluation of the Research Forum Academic Year 2018-19

Department of Social Work

Shift I

Programme PG

I. Year Plan

1. Activities Conducted (see attached)

S.No	Date	Programmes/Activities	Experts/Involved
1	19.09.2018	Workshop on formulation of project proposal (General)	Dr. C. R. Christi Anandan
2	20.09.2018	Workshop on scientific paper writing	Dr. T. Selvam
3	08.11.2018	Seminar on identification of good journal for publication	Dr. K. Arockiaraj
4	28.01.2019	Seminar on Understanding the procedure to publish a paper	Dr. T. Selvam

2. Summary

- a. No. Programmes proposed as per the year plan : 4
- b. No. Programmes conducted : 4
- c. No. Programmes cancelled : Nil

3. Reasons for Cancelling the Programmes : NA

4. Other activities conducted apart from year plan as proposed

S.No	Date	Programmes/Activities	Experts/Involved
1	12.02.2019	Workshop on Preparing PPT to present it in the Conference	Dr. T. Selvam

II. Challenges: Nil

Annexure

Name List of the Students

II-MSW

S.NO	REG. NO	NAME
1	AP170601	HEMNATH C T
2	AP170604	SINGARA VELAN M
3	AP170606	SUMAN XAVIER P A
4	AP170607	SELIN MARY M
5	AP170611	HARITHA P
6	AP170615	SANGEETHA V
7	AP170618	MERLIN FREEDA C
8	AP170628	K ATHIHRII
9	AP170633	KAVITHA S
10	AP170634	SAGAYAM A
11	AP170636	KEZIA JEBA SHEELA H

I-MSW

S.NO	REG. NO	NAME
1	AP180603	ELANCHIZHIAN J
2	AP180623	HRANGA LOU M
3	AP180625	MERCY LA
4	AP180626	WILLIAM HINGBA
5	AP180627	MANJAM WANGSU
6	AP180630	KANMANI M
7	AP180631	NIVETHA K
8	AP180640	ARUN KUMAR A
9	AP180642	VAISHNAVI G
10	AP180643	DEVAPRIYA Y
11	AP180644	BAVADHARANI J

Annual Evaluation of the Research Forum
Activities Year 2018 – 2019
Department of Physics
(Shift - II)

Sacred Heart College (Autonomus)
Annual Evaluation of the Research Forum Activities Year 2018 – 2019
Department of Physics

Shift – II

Programme: UG and PG

1. Staff In charge : D. MAGIMAI ANTONI RAJ

2. Student Representative 1 : AKSHADHA.P (BP180307)

Student Representative 2 : JAGADEESWAR.V (BU160302)

I. Year Plan

1. Activities Conducted

S. No	Date	Programme	Experts involved
1	13.08.2018	Intro to Research culture	Mr. D. Magimai Antoni Raj
2	12.08.2018	Institutional Visit – Kavalur observatory	Research forum students
3	17.09.2018	Writing Articles	Mr. D. Magimai Antoni Raj
4	23.09.2018	Student Seminar – Innovative materials	Mr. Harish
5	25.09.2018	Working of Diesel & Petrol Engine	Mr. Jagadeeshwaran
6	23.10.2018	Literature survey-Training program	Mr. D. Magimai Antoni Raj and Mr. Nagaraj
7	23.11.2018	Videos on life scientist	Mr. D. Magimai ANtoni Raj
8	12.02.2019	Invited Talk/ Interaction with the scientists & Experts	Dr. Kangesan, University of Malaya

2. Summary

a. No. Programmes proposed as per the year plan: 10

b. No. of Programmes conducted: 8

c. No. of Programmes cancelled: 2

3. Reason for Cancelling the programmes:

- Some of the programs has been cancelled due to Practical CA Examinations.

4. Other activities conducted apart from the year plan as proposed (see attached)

S. No	Date	Programme	Experts involved
1	13.12.2018	TiO ₂ Nano particles for Photocatalytic activity	MR. G. Nagaraj, Research Scholar
2	14.02.2019	Application of Science and Technology for rural areas	Mr. Daniel Lawrence, Coordinator, Astra programme.
3	12.02.2019	International conference on Advances in materials conducted by the department.	Dr. Kanagesan and others.

II. Challenges

- Lack of interest among the students.
- Students are not interested to take part in competitions.
- Students are not able to take part in competitions due to the practical exams.
- Financial support.

Annual Plan

S.No	Month	Programme
1	July 2018	Intro to Research culture
2	July 2018	Demonstration on basic science experiments
3	August 2018	Writing Articles
4	September 2018	Video on life of scientists
5	October 2018 and December 2018	Student Seminar
6	During the association activities	Invited Talk/ Interaction with the scientists & Experts
7	Quiz Competition	Quiz Competition
8	Paper presentation competition	Paper presentation competition
9	Literature survey- Training program	Literature survey-Training program
10	Institutional Visit (IISc etc.)	Institutional Visit (IISc etc.)

Members Details :

S.No	Reg. No	Name
1	BU170303	Ezhilarasan.M
2	BU170314	Priyanka.S
3	BU170338	Arivu Cheziyan.R.A
4	BU170347	Naveen Kumar.S
5	BU170351	Chandru.R
6	BU160302	Jagadeeswar.V
7	BU160303	Harish .P
8	BU160336	Thenmozhi.K
9	BU160319	Vidhi.D
10	BU160311	Ragavendrian.S
11	BP180307	Rahul.S
12	BP180307	Umaphathi.S
13	BP180307	Arunachalam.D
14	BP180307	Govindasamy.A

15	BP180307	Akshadha.P
16	BP170303	Naveen Kumar.R
17	BP170307	Santhosh Kumar.R
18	BP170308	Ajith Kumar.S
19	BP170309	Naveen Rufus .D
20	BP170314	Syed Abdul Hanif.k

Sacred Heart College (Autonomous), Tirupattur-635601

Research Forum-(2018-2019)

1. Department Name : English
2. Staff In charge : Ms. U. Anto Maria Eusobia
3. Student Representative 1 : Shiny Rose. J (BP171123)
- Student Representative 2 : Maria Abisha Rani M (BP181110)
4. Members Details :

S.NO	NAME	REGISTER NO
1	U. KAMESH	BP171121
2	R. PRISKILLA MARY	BP171126
3	M.C. AQUINAS MIKKI	BP171119
4	J. KALAIKOVAN	BP171115
5	S. SANTHIYA	BP171133
6	G. GUNAVATHI	BP171124
7	I. SOORIYA BANU	BP171101
8	J. SHINY ROSE	BP171123
9	M. MARIA ABISHA RANI	BP181110
10	L. NEENA DESOUZA	BP181137
11	A. ANCY LIYANA	BP181102
12	A. LAKSHMI	BP181123
13	K. PRIYANKA	BP181121
14	K. THAHA BANU	BP181116
15	S. SIVA KUMAR	BP181119
16	A. MERVIN PINTO	BP181111
17	K. POOVIZHI	BP181128
18	G. SAGUNTHALA	BP181115
19	S. KALAIVANI	BP171134

20	D. VINUSRI	BP171117
21	M. MARIYA JAYA SURIYA	BP181106
22	V.VARSHA	BP181103
23	M. DHIVYA	BP181107
24	P. RUBY GRACE	BP181108
25	R. KRAINA POO	BP181127
26	C. DHAMOTHIRAN	BP181120
27	G. SARATH KUMAR	BP181118
28	D. THARANI	BP181114
29	G. THARUN RAJ	BP181122
30	G. RAJASEKAR	BP181112
31	S. SUBALAKSHMI	BP181136
32	T. SRIRAMAN	BP181125
33	P. HENSI	BP181133
34	E. SIVARANJANI	BP181126
35	N. MOULIESWARAN	BU161109
36	I. FRANKLIN JEBASINGH	BU161104
37	A.S.ARUNAGIRI	BU161139
38	GEETHA LAKSHMI	BU161171
39	S. KAVIYA	BU161123
40	S.SOWNDHARYA	BU161137
41	P. PRIYA DHARSHINI	BU161158
42	S. SURESH KUMAR	BU161112
43	C. RISHI	BU161125
44	V. KEERTHIVARMAN	BU161128
45	K.KOMATHI	BU161115
46	A.JEEVA	BU171166
47	S. VASANTH KUMAR	BU171114

5. Annual Plan

S. No	Date/Month	Program
1	5-7-2018	Election of Members and Office bearers
2	11-7-2018	Induction meeting
3	31-7-2018	Lecture on research writing
4	2-8-2018	Workshop on how to write a research paper?
5	3-8-2018	Workshop on how to write a research paper?
6	7-9-2018	Talk on Recent Trends in English Language Teaching
7	18-9-2018	Lecture on Criticism and its role in research
8	16-10-2018	Evaluation meeting
9	26-11-2018	Talk on Testing of LSRW
10	7-12-2018	Invited talk on Psychoanalysis : Its role in language and literature
11	11-1-2019	Invited talk on literary theory and its application
12	28-1-2019	Peer discussion on siting of resources for the research
13	7-2-2019	Lecture on Formative assessment in language learning
14	2018-19	Posting the conference alerts and novel entry in the dept. notice board
15	2018-19	Participation and presenting papers in Seminars and Conferences
16	15-2-2019	Evaluation meeting

SACRED HEART COLLEGE

(Autonomous)

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RESEARCH FORUM – ANNUAL REVIEW

ACADEMIC YEAR 2018 – 2019



DEPARTMENT OF COMMERCE

(SHIFT I)

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

Department of Commerce (Shift I)

Research Forum Annual Report - Academic Year 2018 – 2019

The Department of Commerce (Shift I) has active Research Forum, which keeps on recharging the advanced learners with activities and programme led by the members of the student research forum. This forum allows the student members to be involved in all aspects of planning and executing the programmes / seminars organized in the department and also to encouraging the fellow students to participate in intra-collegiate and inter-collegiate competitions. The forum functioning under an elected office bearers consisting of Secretary **Mr. R. Lalith Kumar** (III B Com) and Joint Secretary **Mr. B. Aravind** (III B Com) and student members along with Research Forum Coordinator Dr. S. Hariharan (Staff In-charge) for the Academic Year 2018-19. The students for the research forum were selected by their research / skill aptitude interview and interest. The following students are selected for the Academic Year 2018-2019.

S. No	Reg. No	Name
1.	AU160165	K Naresh Karthick
2.	AU160163	R Lalith Kumar
3.	AU160109	S. Magesh
4.	AU160132	S. Gopinath
5.	AU160157	B. Aravind
6.	AU160131	E. Ajith Kumar
7.	AU160117	J. Don Dawson Anton Zeno
8.	AU160108	S. Ragavi
9.	AU160110	D. Saranya
10.	AU160170	S Sangeetha
11.	AU160116	S P Senthamizha
12.	AU160164	S. Aravind
13.	AU170143	R L Thiyagarasan
14.	AU170104	E P Ghese Cherian
15.	AU170123	P. Sundara Pandiyan
16.	AU170178	A. Sahil Sabharwal
17.	AU170141	S. Infant Akash
18.	AU170124	R. Praveen Kumar
19.	AU170130	J Nancy

20.	AU170146	C Priyadharshini
21.	AU170177	A. Sharmila
22.	AU170121	S. Kaviya
23.	AU170176	M. Madhuthen Anatanito Joseph
24.	AU170111	J. Ignatious
25.	AU170112	I Joe Avinash

Activities Organised / Participated

S. No	Event	Topic	Date	Place
1.	Introductory Course	Introduction to Social Science Research	18.07.2018	APRC Dining Hall
2.	Debate Competition	Advertisement – For and Against	01.08.2018	Oasis
3.	Quiz Competition	Business Quiz	17.09.2018	Oasis
4.	National Seminar	Digital Economy	16.08.2018	Auxilium College
5.	International Seminar	Innovations and Evolving Trends in Commerce	27.09.2018	Marudhar Kesari Jain College for Women
6.	National Conference	Managing People in Digital Era	15.09.2018	Sacred Heart College
7.	National Seminar	Parapsychology	10.09.2018 11.09.2018	Sacred Heart College
8.	National Level Competition	BEMUS 2018	10.09.2018 11.09.2018	Andhra Loyola College, Vijayawada
9.	National Level Meet	TOUREIRO 2K19	07.02.2019	Oriyadharshini Engineering College, Vaniyambadi

1. Introductory Course

The introductory course was conducted for the Research forum students on 18th July 2018 in APRC Dining Hall at 2.00 p.m. Dr. S. Hariharan, Staff Coordinator, Research Forum to explain them with the importance of Research in the field of Social Sciences. Research Forum student members were attended the course and had discussion about the objectives of research, types of research and different research tools.

2. Debate Competition

Debate competition as the part of many Annual Events conducted by other colleges and also for recruitment process. Hence, the Research Forum of the commerce department was also conducted in Oasis with the Proposition, “Advertisement” – For and Against. The Speeches were presented by the students of the Forum themselves in two groups. To encourage the students to take initiative, we had invited other students from our department to watch. Mr. R. Lalith Kumar III B.Com as the time keeper and Mr. A. Sahil Sabharwal II B. Com as the Moderator of the Debate.

3. Business Quiz Competition

The research forum of the department of commerce has designed a Business Quiz competition to assess and review awareness level among the commerce students on latest development in Business Practices in India. The competition was conducted among the students of the forum themselves into two teams. Business quiz covers marketing, advertising, business events and business personalities. The winners were awarded with prizes instituted by the department.

4. Paper Presentation and Participation in National Seminars

The Students of the Research Forum actively participated and presented the papers in the following national and international seminars organized by various colleges in our district and Mr. A. Sahil Sabharwal of II B Com won the best paper award (Third Place with cash prize of Rs. 500) in the National Seminar on Digital Economy conducted by department of commerce, Auxilium College, Vellore.

S. No	Topic	Date	Place
1.	Digital Economy	16.08.2018	Auxilium College
2.	Innovations and Evolving Trends in Commerce	27.09.2018	Marudhar Kesari Jain College for Women
3.	Managing People in Digital Era	15.09.2018	Sacred Heart College
4.	Parapsychology	10.09.2018 11.09.2018	Sacred Heart College

5. Participation in National Level Meet

Following research forum students of the department were participated and won the prizes in National Level intercollegiate meet **BEMUS 2018** at Andhra Loyola College, Vijayawada and **TOUREIRO 2K19** at Priyadharshini Engineering College, Vaniyambadi.

Name of the Student	Event	Prize
R. Lalith Kumar	Business Plan	First
B, Aravind	Business Quiz	Second
Ghese Cherian	Business Quiz	Second
S Infant Akash	AD-ZAP	First
E Ajith Kumar	AD-ZAP	First
S Arvindh	AD-ZAP	First
I Joe Avinash	Karyaneethi	Third
Ghese Cherian	Business Quiz	Second
S Magesh	Business Quiz	Second

RESEARCH FORUM ACTIVITIES

Members of the Research Forum for the Year 2018-19:

IIB.Sc Mathematics		
S. No	Register No.	Name
1.	AU150206	W. Gabriel Thomas
2.	AU150208	K. Poovizhi
3.	AU150234	P. Thirupathi
4.	AU150237	A. Nancy Navotana
5.	AU150241	V. Mahendran
6.	AU150249	V. Durgadevi
7.	AU150250	S. Atchaya
8.	AU150255	V. Abirami
9.	AU150265	A. Shalini
III B.Sc Mathematics		
S. No	Register No.	Name
1.	AU160203	Chris Riyaan Rodrigo
2.	AU160204	S. Vidhya
3.	AU160206	D. Mercy Dayana
4.	AU160208	Aswin Ajay
5.	AU160209	M. Nadhiya
6.	AU160210	R. Gayathri
7.	AU160211	S. Priyanga
8.	AU160212	Jerome Bernouilly
9.	AU160213	R. Pavithra

PG and Research Department of Mathematics

10.	AU160216	S. Farheen
11.	AU160224	A. Stephen Standly Kumar
12.	AU160234	D. Revathi
13.	AU160235	S. Ragila
14.	AU160236	L. Mari
15.	AU160240	B.S. Poonthamizh
16.	AU160245	S. Aiswarya
17.	AU160253	T. Porchudar
18.	AU160262	P. Vanmathi
IIM.Sc Mathematics		
S. No	Register No.	Name
1.	AP170211	Magila D
2.	AP170212	Umamageshwari S
3.	AP170214	Infant Beauty M
4.	AP170222	Myvizhi K
5.	AP170224	Udhaya K
6.	AP170240	Sivapriya R

Best Student - Udhaya K (AP170224)

RESEARCH FORUM ACTIVITIES FOR THE ACADEMIC YEAR 2018 – 2019

Events Conducted

Date	Event
16 August 2018	In-house lecture – I Resource person: M. Meganathan, Ph.D Research Scholar Topic: Innovative Thinking in Mathematics
25 September 2018	Invited talk Resource person: Dr. R. Sivaraj, VIT University, Vellore. Topic: Applications of Differential equations in Science and Engineering
5 December 2018	Film screening Title of the movie: The Who Knew Infinity
10 December 2018	MATLAB demonstration session Resource person: Mr. Muthukumaran, Asst. Prof (Jr), VIT University, Vellore.
8 January 2019	In-house Lecture – II Resource person: Mr. R. Janagaraj, Ph.D. Research Scholar Topic: Volume of a ball of radius r in n -D space
15 February 2019	In-house Lecture – III Resource person: Ms. Uma Maheswari, Ph.D. Research Scholar Topic: Graph theory and its applications.
20 February 2019	Film Screening Title of the movie: The Imitation Game
26 February 2019	In-house Lecture – IV Resource person: Mr. A. Ponmana Selvan, Ph.D. Research Scholar Topic: Numbers and their Beautiful Properties.

Sacred Heart College (Autonomous)
Annual Evaluation of the Research Forum Academic Year 2018-19
PG& Research Department of Management

I Year Plan:

1. Activities conducted:

S.NO	DATE/MONTH	PROGRAMME/ACTIVITIES	MEMBERS INVOLVED
1	13th Aug, 2018	General meeting	Department faculties and students of research forum
2	6th Sep,2018	Applied and Received Don Bosco Research grant	Department Faculties and Student
3	1st Dec,2018	Applied for Funded project – NCW	Rev. Dr. Maria Antony Raj, Director-MBA. Dr. S. Sasikumar, Head-MBA. Dr. R. Arockiamary. R.
4	11th Dec,2018	General Meeting	Department faculty and MBA students
5	20th Dec,2018	Mastero Meet	Department faculty and MBA students
6	28th Feb,2019	Research article presentation and publication in Conference and in Journal	Department faculty and MBA students

2. Summary:

- a. No. of proposed as per the year plan: 8**
- b. No. of programmes conducted: 6**
- c. No. of programmes cancelled:2**

3. Reason for the cancelling the programmes:

Due to the non availability of the resource persons the programmes are postponed and will be conducted in the forth coming months.

**PG& Research Department of Management
Sacred Heart College (Autonomous), Tirupattur
RESEARCH FORUM REPORT**

DATE : 13/08/18
VENUE : JOHN MED BLOCK
TIME : 4.30 p.m – 5.00 p.m

RESEARCH FORUM MEETING

Programme description:

- **Planning activities for the academic year**
- **Research support initiatives for students**
- **Feedback from students**

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

MINUTES OF RESEARCH FORUM MEETING

MEETING NUMBER : I meeting of the academic year 2018-19

STAFF MEMBERS PRESENT FOR THE MEETING:

- 1. Dr. S. Sasikumar, HOD**
- 2. Dr. J. Sasiganth**
- 3. Prof. R. Alexander**
- 4. Dr. R. Arockia Mary**
- 5. Prof. S. Praveen Kumar**
- 6. Students**

The first meeting for the academic year 2018 – 2018 was held today. The meeting was headed by Prof. S. Sasikumar, the Head of the Department and the staff members and students of the department were present in it.

Contents of Discussion

- Road map for the year ahead in research was discussed.**
- The importance and value of research in business education was emphasized to the students.**
- Suggestions and feedback from the students were collected regarding the annual research activities.**

**PG& Research Department of Management
Sacred Heart College (Autonomous), Tirupattur
RESEARCH FORUM REPORT**

DATE : 11/12/18
VENUE : JOHN MED BLOCK
TIME : 4.30 p.m – 5.00 p.m

RESEARCH FORUM MEETING

Programme description:

- **Discussion on student research**
- **Plan for research paper publication by the students**

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

MINUTES OF RESEARCH FORUM MEETING

MEETING NUMBER : II meeting of the academic year 2018-19

STAFF MEMBERS PRESENT FOR THE MEETING:

- 1. Dr. S. Sasikumar, HOD**
- 2. Dr. J. Sasiganth**
- 3. Prof. R. Alexander**
- 4. Dr. R. Arockia Mary**
- 5. Prof. S. Praveen Kumar**
- 6. Prof. S. Praveen Kumar**

The second meeting for the academic year 2018 – 2018 was held today. The meeting was headed by Prof. S. Sasikumar, the Head of the Department and the staff members and students of the department were present in it.

Contents of Discussion:

- **Students were motivated to involve themselves in business related researches.**
- **The impetus for research paper publication and presentation of the same in conferences was explained.**
- **Staff members were assigned the role of mentors to help students involving in researches.**

PG& Research Department of Management
Sacred Heart College (Autonomous), Tirupattur
RESEARCH FORUM REPORT

DATE : 201/12/18
VENUE : JOHN MED BLOCK
TIME : 9.30 a.m – 5.00 p.m

INTRADEPARTMENTAL MANAGEMENT MEET

MASTERO MEET

Programme description:

- **Intradepartmental meet enriching students' ability, skill and knowledge in business field.**
- **Activities**
 - **Business plan presentation**
 - **Adzap**
 - **Business quiz**
 - **Debate on business affairs**

PG& Research Department of Management
Sacred Heart College (Autonomous), Tirupattur
Report of the Mastero Meet

The programme was initiated to bring in behavioral changes in the students which is an important need for the business people of the current decade. The programme was made designed in such away so that very student of the department had to participate in it mandatorily.

The entire event was scheduled into four sessions involving- Adzap, business plan presentation, Business quiz and Dabate.

Adzap involved in Advertising and promoting a new product in the market. Students were divided into 5 groups of 10 each and were given theme and time for presentation. Business Quiz involved 3 members of 10 groups presenting their knowledge in business world and its happenings.

Whereas business plan presentation had made the students present their market research skills and entrepreneurial innovativeness. Here again the students were segregated into 10 teams of 5 members in each.

The debate involved 4 teams of 10 members each where 2 topics were given to them and on which they have present their ideas.

The students showed their maximum involvement and participation and learned new ideas and concepts.

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

PROJECTS UNDER DON BOSCO RESEARCH GRANT

S.NO	NAME OF THE RESEARCHER	DESIGNATION OF THE RESEARCHER	GUIDE
1	Mr.George Clinton	Student - II MBA	Dr.S.Sasikumar, Head –MBA
2	Dr.ArockiaMary.R	Assistant Professor- MBA	-

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

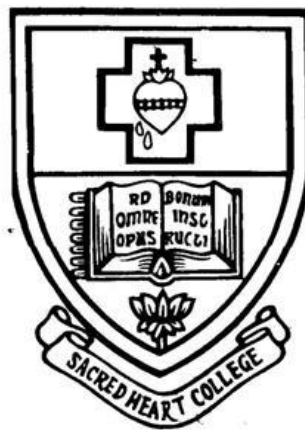
STUDENT NAME LIST FOR RESEARCH FORUM

S.NO	I MBA	II MBA
1	MARTIN ALANSO	SWETHA
2	ALWIN	C.NITHYA
3	ASRAR	AFRIN BANU
4	BHARATH	SNEHA SHEETHAL
5	PRASANA KUMAR	SNEHA
6	SUDHAKAR	VIGNESH
7	NETICIA PEREIRA	NIZAMUDHEEN
8	MARY ANUSHYA	BHARAT KUMAR
9	EVANGELIN INBA	STEPHEN RAJ
10	ROSHINI	AJITH

MASTER OF COMPUTER SCIENCE

RESEARCH FORUM

(Report for the Academic Year 2018 – 2019)



PG DEPARTMENT OF COMPUTER SCIENCE

SACRED HEART COLLEGE (AUTONOMOUS)

TIRUPATTUR, VELLORE 635 601

LIST OF STUDENT MEMBERS

S.NO	REG. NO	STUDENT NAMES	CLASS
1	BP170504	MALINI .A	II M.Sc. CS
2	BP170505	LOKESH. C	II M.Sc. CS
3	BP170507	CARMEL RAJ. A	II M.Sc. CS
4	BP170517	GOKULASELVAN. T	II M.Sc. CS
5	BP170522	PRABAVATHI .P	II M.Sc. CS
6	BP180501	PRASANTH RAO. S	I M.Sc. CS
7	BP180504	NISHA. M	I M.Sc. CS
8	BP180508	PRABHU. S	I M.Sc. CS
9	BP180516	JOAN GEORGE. T	I M.Sc. CS
10	BP180521	DHANALAKSHMI. H	I M.Sc. CS

Annual Plan

S.No	Title	Month
1	Seminar on Research Methodology	August
2	Writing a Research article & Plagiarism Checking	September
3	Research Areas in Computer Science	October
4	Introduction to Docker, Container, SEO, Sugar	December
5	E-learning tools	January
6	Presentation & Evaluation of written survey papers	February

Seminar on Research Methodology

Date: 17.08.2018

Time: 3.00 pm to 4.00 pm

Resource Person: Mr. M. Santhosh Kumar (Ph.D Research Scholar, Dept. of CS)

The resource person was introduced by Mr. R. Denis and the following topics was given as a talk and held discussions.

- Types of research methods
- Research design and procedures
- Literature review
- Data analysis techniques
- Ethical issues in doing research
- Evaluating research reports
- Writing research proposals
- Writing research papers





Seminar on Artificial Intelligence in Business

Date: 17.08.2018 Time: 3.00 pm to 4.00 pm

Resource Person: Mr. S. John Bosco, PG Dept. of Computer Science.

Topics Discussed:

- Why is AI becoming usable for business?
- Technologies and Services
- Definition of human intelligence
- 3 levels of Artificial Intelligence
- What are the skills of Artificial Intelligence today?
- Natural Language Processing
- Knowledge Representation
- Machine Learning
- Automatic Reasoning and Planning
- Speech Recognition and Image Recognition



Seminar on Writing a Research Article and Plagiarism Checking

Date: 17.08.2018

Time: 3.00 pm to 4.00 pm

Resource Person: Mr. R. Denis, PG Dept. of Computer Science.

Topics Discussed:

- Learned to check plagiarism.
- PlagScan, quetext, Plagiarism checker X, Viper.(Open Source)
- Download research papers from IEEE, Elsevier, Springer and Science direct.
- [Sci-Hub](#)
- <http://gen.lib.rus.ec/----->> Library Genesis
- Inputs to write survey and implementation papers.

Android Application Development

Date: 26.09.2018

Two of the Research Forum Students actively participated an one day Mobile Application Development workshop conducted by the Department of Computer Science, Don Bosco College, Dharmapuri.



Seminar on Elearning Tools

Date: 10.01.2019

Time: 3.00 pm to 4.00 pm

Resource Person: Mr. S. John Bosco, PG Dept. of Computer Science.

Topics Discussed:

An eLearning professional is only as good as their best eLearning tools. While a learning management system is one of the most important eLearning tools you need to have, there are many nifty online apps, programs and systems designed to make your eLearning experience simpler.

Best eLearning tools for productivity

Trello

Trello is a project management tool that is easy to use, making getting organized a breeze.

Trello offers many methods of project management, including cards, lists, boards and color-coding. Relevant team members can be effortlessly added to cards, and only those involved in that specific project will receive notifications. Trello works particularly well with different instructional design methodologies, including ADDIE. trello for elearning

Google Drive

Google Drive is our favorite form of cloud storage here at LearnUpon. With teams working in different locations across the globe, Google Drive provides a safe and central location where all team members can access the files they need at any time. Google Drive is also ideal for storing brochures and educational documents that account managers may need access to from eLearning conferences and other remote locations.

Momentum

Momentum is a to-do list extension that can be used with the Google Chrome browser. The main strength of this eLearning tool is that it's so easy to use.

Google Calendar

Google Calendar is one of our favorite eLearning tools for staying on top of team meetings and keeping up with employees, customers, partners, etc. It offers many handy features, such as the ability to add notes, send text notifications and schedule recurring reminders.

Mural

eLearning projects, such as the curation of course content, requires the input of a variety of people. Mural is an ideal program to use for people to organize, share and develop their ideas. Essentially, Mural is a collaboration and brainstorming design board where teams can

collaborate and share ideas, no matter where they are, making it perfect for businesses with global offices or remote workers. Mural makes it visually pleasing to track tasks and projects, in addition to creating storyboards, etc.

Just Press Record

Just Press Record is a hugely helpful app that makes for a great eLearning tool. It's a mobile audio recorder that allows you to record, transcribe, share and organize audio. Recorded audio content can also be synced between devices (including iWatch) via iCloud.

Tomato Timer

Tomato Timer is a website and app dedicated to combating procrastination, resulting in more effective time management. Tomato timer is based on the Pomodoro Technique. This technique uses a timer to break down work into intervals, traditionally 25 minutes, separated by short breaks. Tomato Timer is simple to use and you can even customize your timer.

Best eLearning content creation tools

Camtasia

Camtasia is a screen recording and editing software suite that makes it easy to capture what's happening on your computer. During the editing process, you can add "hotspots" to the video that make any element on screen clickable.

Elucidat

While there are countless eLearning authoring tools on the market, Elucidat is particularly strong at creating responsive online and mobile course content that's compatible with HTML5. Elucidat uses cloud technology, which makes for a great collaboration tool.

Articulate Storyline

Articulate Storyline is an eLearning authoring tool that creates interactive course content. With an interface similar to PowerPoint, it's easy to import existing presentations and make them more engaging by adding features like triggers, variables, and layers.

YouTube

YouTube has become the go-to place for people looking for all forms of video content. It hosts a huge repository, where users can upload videos or create playlists to curate content in a way that suits their interests.

Microsoft Office Suite

No list of eLearning tools would be complete without Microsoft Office, the popular package of productivity software programs. PowerPoint, Word, and Excel are used in

organizations across the world to create documents, presentations, and managing reporting processes.

Adobe Captivate

As a rapid eLearning authoring tool, the main benefits of Adobe Captivate are responsive design at an affordable monthly fee. Adobe Captivate's library of over 25,000 templates and assets are popular with course developers and instructional designers.

Google Docs

Google Docs provides an alternative to Microsoft Office. The main advantage is that the suite of eLearning tools is free. Spreadsheets, presentations and slides are created and stored online, making collaboration across teams a breeze.

Wistia

Wistia is an incredibly handy video hosting platform. It provides organizations with a customizable video player that fits their needs. Videos can be shared securely and are easy to manage and track.

Canva

If you're a design newbie or looking for a quick way to make an infographic, header, or slide, Canva is the perfect eLearning tool for you. It's easy to use, and excellent for your speedy design needs.

Grammarly

Worried you're making spelling or grammar mistakes in your training content? Then Grammarly is perfect for you! It's a tool that ensures your grammar is first-rate by pointing out if you've used "your" instead of "you're", or if you've forgotten a dreaded Oxford comma.

Zoom

When you think of Zoom, you probably think of it's premier function - a video communications tool. Zoom gives you the ability to communicate via video for meetings, presentations, webinars, and more. But here at LearnUpon, we consider it a great course creation tool too.

Pexels

There's a multitude of free stock image websites out there, but we think Pexels is a great one. Pexels provided high quality, free images that are all tagged and easily searchable through their discover pages.

Best eLearning research tools

Reddit

Reddit is home to the busiest forums on the internet, known as subreddits. Subreddits cover an astounding number of topics, with a great deal of breaking stories first appearing on the platform. That's one reason why reddit is often called "the front page of the internet".

Quora

On Quora, users ask questions on widely varying topics, with the questions being answered by a community of approximately 300 million monthly users. Submitted answers are up and downvoted, making it easy to understand the community's consensus.

Scoop.it

Scoop.it is a tool used by professionals and organizations to find, curate, and share content. Through their software and technology, Scoop.it aims to make content publishing more time-efficient and impactful.

Feedly

Feedly is a free tool that helps you to source and collect content from your favorite websites, blogs, RSS feeds, and YouTube channels.

BuzzSumo

BuzzSumo is a content marketing platform that is great for researching content and conducting competitor analysis. It helps you to provide the content your audience wants by exploring what content is popular by topic or website.

Best networking tools for eLearning

LinkedIn

LinkedIn is the leading social network for professionals. With member profiles, specialist groups, and a news stream, LinkedIn is used by a growing number of employers and professionals to network, promote services, and find jobs. LinkedIn also provides a platform to network with peers and thought leaders and to stay in touch with real-world connections. LinkedIn's many eLearning-related groups are useful for staying up-to-date with industry news and asking questions for industry experts to answer.

Twitter

Twitter is a social network built around conversations. It's the place to get real-time updates on what the most important and influential people in your industry are thinking, reading and watching.

Best communication tools for eLearning

Mailchimp

Mailchimp is a marketing automation platform and an email marketing service. It's super easy to use and allows you to create newsletters and email campaigns, making it easier for you to communicate with your learners.

Slack

Slack has become something of a phenomenon in the workplace. Often viewed as an alternative to long email threads, Slack delivers real-time messaging across teams and devices.

Tiny Letter

Tiny Letter makes it easy for anyone to create a personal newsletter. Created by the team behind MailChimp, it's a free way to share content by email.

Tiny Letter allows you to send updates, digests, and dispatches to learners via a newsletter. It's perfect for people who don't need all the business features that come with Mailchimp.

Paper.li

Paper.li is one of the easiest ways to curate content by email. The app gathers articles, videos, and photos from Twitter, YouTube and RSS feeds on the keywords you choose to create a newspaper-like publication to share with your community.

IFTTT

IFTTT stands for "If This Then That". It's a handy communication tool that makes connections between apps, like Gmail, Facebook, Instagram and Reddit.

LearnUpon

LearnUpon's cloud-based learning management system helps businesses train their employees, partners, and customers. Save time, automate, and manage your training at scale with a system that grows with you. The platform is also backed up by an exceptional, award winning 24/7 support team providing you with the knowledge and experience you need to engage your learners and achieve training success.

Workshop on Laravel Framework

Date: 08.02.2019

Time: 2.00 pm to 4.00 pm

Resource Person: Mr. Anthony Philomen, PG Dept. of MCA.

Coverd from installing Laravel to building a basic application. Everyone learnt from a freshly installed Laravel application up to creating a basic web app that interacts with a database.

Topics Handled:

- Routing
- Using Blade (templating)
- Controllers
- Validation
- Config/Env
- Using Eloquent (database ORM)
- Laravel inbuilt Auth
- Artisan (CLI commands)
- File Storage

S. Prasanth Rao has Completed NPTEL Course on Advanced Database Systems in Dec 2018



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PRASANTH RAO S

for successfully completing the course

Data Base Management Systems

with a consolidated score of **63 %**

Online Assignments	16.46/25	Proctored Exam	46.5/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **3734**

Aug-Sep 2018
(8 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Principal