

**Minutes of the 13<sup>th</sup> meeting of the Academic Council held on Saturday, the 22nd June, 2013 at 3.00 pm in the University Office.**

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**Member Present**

1. **Dr. N. Sundararajan**, Vice Chancellor, JU & Chairman, AC
2. **Prof. K.S. Shantamani**, Chief Mentor, JGI
3. **Dr. N.G.R. Iyengar**, Pro Vice Chancellor, JU & Director, IIAEM
4. **Dr. Jayagopal Uchil**, Director, Academics and Planning, JU
5. **Dr. K. Venkatesh**, Director, CET, JU
6. **Dr. B.T. Venkatesh**, Controller of Examinations, JU
7. **Ms. Rekha Sethi**, Director, IQAC
8. **Dr. Sudha Deshmukh**, Dean, Sciences, JU
9. **Dr. Choodamani Nandagopal**, Dean, Arts, JU
10. **Dr. Easwaran Iyer**, Dean, Commerce, JU
11. **Dr. Mythili P. Rao**, Dean, Languages, JU
12. **Prof. Dinesh Nilkant**, Dean, Management, JU
13. **Prof. T.S. Sridhar**, Centre Head, SET, JU
14. **Dr. S.N. Nataraj**, Centre Head, V.V. Puram, JU
15. **Dr. Vasu B.A.**, Centre Head, SCMS, JU
16. **Dr. S.B. Sullia**, Emeritus Professor, Microbiology & Biotechnology, JU
17. **Dr. Rajani Jairam**, Professor, Sanskrit
18. **Dr. T. Padmavathi**, Professor, Microbiology, JU
19. **Prof. K.R. Sridhar Murthi**, Professor, Aerospace, IIAEM, JU
20. **Dr. V. Parameswaran**, Professor, Aerospace, IIAEM, JU
21. **Dr. Nagraj Sitaram**, Professor, Civil, JU
22. **Dr. K.T. Vasudevan**, Professor, Physics, JU
23. **Dr. Veena V. Nagaraj**, Professor, Chemistry, JU
24. **Prof. V. Achutha**, Professor, Computer Science, JU
25. **Prof. E.S. Dwarakadasa**, CEO, KHMD
26. **Prof. S.K. Bhagavan**, Consultant
27. **Dr. G.S.D. Babu**, Director, BIFR, Bengaluru
28. **Ms. Anitha Abraham**, Life Sciences, JU
29. **Ms. Asha Rajiv**, Physics, JU
30. **Dr. Srividya Shivakumar**, CPGS, JU
31. **Ms. Richa Gupta**, Economics, JU
32. **Ms. H.N. Prakruthi**, English, JU
33. **Dr. Arvind Kumar**, Hindi, JU
34. **Dr. Sunil S. More**, Bio-Chemistry, JU
35. **Mr. B.N. Balaji**, Head - Information Systems & Office Administration, JU
36. **Prof. N.S. Manjunath**, Deputy Controller of Examinations, JU
37. **Prof. N.V.H. Krishnan**, Registrar, JU & Member Secretary, AC
38. **Mr. Shankar U.V.**, Director of Sports, JGI (Special Invitee)

**Leave of absence**

39. **Dr. Sandeep Shastri**, Pro Vice Chancellor, JU
40. **Ms. Aparna Prasad**, Director, Corporate Communications, JU

41. **Mr. M.S. Parswanath**, Director, International Relations, JU
  42. **Dr. C. Subramanian**, Professor, Aerospace, IIAEM, JU
  43. **Dr. S. Sudarshan**, Professor, Management, JU
  44. **Dr. Selvan Dorairaj**, Vice-President, Capgemini
  45. **Dr. Siddalingaiah**, Chairman, Kannada Pustaka Pradhikara, Govt of Karnataka & Prof., Center for Kannada Studies, BU
  46. **Dr. J. Gururaja**, Executive President Renewable Energy Action Form, Former Advisor for Ministry of New and REAF, Gol
  47. **Mr. Krishna Reddy B.N.**, Management, JU
  48. **Mr. M.S. Santhosh**, Joint Registrar, JU
  49. **Mr. Udaya Kumar Soori**,
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The Chairman, welcomed all the members. He informed that Prof S K Bhagawan is now the internal member as he has become the Director (Placement & Training) at SET. He also welcomed Prof K R Sridhara Murthy, Adjunct Professor of IIAEM who has been inducted as a new internal member of the Academic Council.

The Chairman, was happy to inform that the Jain University has been ranked 17<sup>th</sup> in the list of Indian Universities and stands 1<sup>st</sup> in South India in the list of Private Universities, as per the survey conducted by the India Today magazine.

The agenda items were taken up for discussion.

**Agenda item No.1 : Confirmation of the minutes of the 12th meeting of the Academic Council held on 16<sup>th</sup> March, 2013.**

*The minutes of the 12<sup>th</sup> meeting of the Academic Council were confirmed.*

**Agenda item No.2 : Action taken report on: Fine tuning and revision of syllabus under faculties of Arts, Sciences, Engineering & Technology, Commerce and Management approved by the Academic Council at its last meeting.**

The Chairman, informed that fine tuning and revision of syllabus which had been approved in the last meeting of the Academic Council have been implemented. The suggestions made by the members have been taken into account while implementing.

*The Council noted the action taken in this regard.*

**Agenda item no.3: Discussion items:**

**(a) Presentation of the recommendations of Special Boards of Studies on introduction of new UG & PG courses by the Deans of Faculty:**

**(i) Faculty of Commerce**

The Chairman, informed that certain new courses are being introduced in the Faculty of Commerce. They are :

- Bachelor of International Business and Finance (BIBF)  
*Specialization: Financial Services*
- Bachelor of International Business and Finance (BIBF)  
*Specialization: International Business*
- *Master of Financial Management (MFM)*  
*Specialization: Financial Services OR Banking and Finance*
- Master of International Business (MIB)

Prof Easwaran Iyer, gave a brief about the courses that are being introduced. He informed that sufficient background work had been done, before proposing introduction of these programmes. The details are as follows:

## **BIBF - Specialization - Financial Services**

### **Course Objective:**

The objective of financial services courses is to prepare a select cadre of future-ready professionals who will not only be efficient & effective managers but also inspirational & innovative leaders with a particular emphasis on creative & refreshing approach to business problems resolution and identifying & tapping new opportunities in the market place.

The program is designed to familiarize students with the finance decision-making process and how financial markets work. The curriculum provides an integral part of the education for students looking for finance positions in financial institutions.

## **BIBF – Specialization - International Business**

### **Course Objectives**

The course aims at preparing students to work in such an environment that requires people, who do not only have the basics of management, but also understand how to move in a diverse, multicultural world.

## **Masters of Financial Management (MFM)**

### **Specialization: Financial Services OR Banking & Finance**

### **Course Objective:**

The objective of financial courses is to prepare a select cadre of future-ready professionals who will not only be efficient & effective managers but also inspirational & innovative leaders with a particular emphasis on creative & refreshing approach to business problems resolution and identifying & tapping new opportunities in the market place.

The program is designed to familiarize students with the finance decision-making process and also how financial markets work. The curriculum provides an integral part of the education for students looking for finance positions in financial institutions as well as Corporate houses and Business.

## Masters of International Business

### Course Objectives

The **Masters program in International Business** ensures adequate focus on International business & economics, along with introduction to a foreign language. Students would also be trained to gain a greater knowledge of related issues such as cultural barriers, international trade practices, brands and media, ideation and creative expression, consumer insights, and business law. The main objectives are :

- To provide students with comprehensive knowledge and practical skill-sets related to Business Strategy; Business Operations; Innovation & Creativity all in the overall context of International Business.
- The course attempts to combine sound conceptual grounding with practical exposure & contemporary developments, thus helping the students gain in-depth & wide-spread knowledge.

Prof Jayagopal Uchil, presented the eligibility criteria for the above programmes as follows :

**Eligibility criteria for UG Programmes:** The minimum qualification required to be eligible for admission is a pass in the 10+2 examination or equivalent from any recognized Central or State Board. A course recognized as equivalent thereto by the University, desirably with the relevant or related subjects as one of the subjects of study.

**Eligibility criteria for PG Programmes:** The minimum qualification required to be eligible for admission is a minimum of 50% aggregate in the Graduate / Degree examination of a recognized University, desirably with the relevant or related subject as one of the subjects of study.

It was also informed that the Academic Council had approved the syllabus for the 1<sup>st</sup> and 2<sup>nd</sup> Semesters of M Com programme earlier along with the curriculum matrix of the programme. The syllabus of the 3<sup>rd</sup> and 4<sup>th</sup> Semesters are being circulated among BoS members and the recommended syllabus will be presented for approval in the Academic Council at its next meeting.

The Council approved the above programmes.

### (ii) Faculty of Sciences:

Prof V Achutha, gave a brief about the courses that are being introduced in the Faculty of Sciences. He informed that lot of background work has been done before the courses were recommended for introduction:

- M Sc (Infrastructure Management Service in Information Technology)
- M Sc (Animation)
- M Sc (Information Security Management Services)
- M Sc (Storage and Cloud Technology)

- M Sc (Mobile Applications)
- B Sc (Information Security Management Services)
- B Sc (Infrastructure Management Services in Information Technology)
- B Sc (Visual Effects)

## **M Sc (Infrastructure Management Services in IT)**

### **Course Objective:**

This course is aimed at students who have completed schooling (Plus 2/PUC) and are keen on making a career in the fast growing field of Infrastructure Management. Students who graduate from this program will have a good understanding of all the aspects of Infrastructure Management Services, with an exposure to Industry practices. The course provides opportunity for the students to learn all aspects of IMS such as Networking, Operating Systems, Virtualisations and Data Center technologies. The early part of the course engages in Basics, and as the student progresses, the LAB exercises increase, thereby giving the student a “real world” experience. In the last semester, the student can opt for an industry based internship, which helps the student to familiarise with the needs of the industry.

## **M Sc (Animation)**

### **Course Objective:**

The objective is to cover the areas of Drawing, Story writing, Scriptwriting, Storyboarding, Character Design, Animation Layout Design, Visual Design, Film Analysis, Animation Film Making, Marketing and Business for Animation, Photoshop, Corel Draw, Illustrator, Flash, Autodesk Maya, Motion builder, V-Ray Rendering, Z brush / Mudbox, Premiere, After Effects, Nuke, VFX Plugins.

## **M Sc (Information Security Management Services)**

### **Course Objective :**

The main goal of this course is to provide students with an in-depth understanding of how information security functions in an organization and to make them understand the background, foundation, and insight into the many dimensions of information security. This knowledge will serve as basis for further deeper study into selected areas of the field or as an important component in their further studies and involvement in Information Security as a whole.

The primary objectives of the course are:

- Understand information security’s importance in our increasingly networked world
- Understanding external and internal threats to an organization
- Working knowledge of Mobile, Wireless and VOIP security
- Exposure to the stages of Ethical Hacking for defending the organization from external and internal threats
- Discover, Analyze & deal with IT threats to an organization
- Understand Fundamentals of cryptography
- Understand database security concepts
- Information security governance and related legal and regulatory issues

## **M Sc (Storage and Cloud Technology)**

### **Course Objectives:**

The main objective of the course is to prepare the students to design, implement and troubleshoot storage and cloud related solutions.

The course provides comprehensive knowledge, technical expertise and hands-on experience in the storage and cloud technology areas. It also provides valuable industry inputs and insights in the above areas.

### **Opportunity in Storage and Cloud Technologies:**

A study by EMC and Zinnov Management Consulting estimates the total cloud market in India at \$400 million and this is expected to touch \$4.5 billion by 2015. It expects the private cloud market, where the infrastructure is operated for specific companies, to create 1,00,000 IT jobs by 2015 from 10,000 today. It also warns that companies are currently underskilled in addressing cloud computing implementations. Even at the Global market, jobs in Cloud technologies are supposed to grow the fastest.

## **M Sc (Mobile Applications)**

### **Course Objectives :**

At the end of this course the student will be able to create mobile application programs for both Android and IOS technologies, keeping in mind the industry requirements.

The course provides comprehensive knowledge, technical expertise and hands-on experience in the mobile application sector.

The course also provides skills to independently analyze, design, develop, deploy, and troubleshoot mobile applications and services. It also provides valuable industry inputs and insights into the process of developing cutting edge mobile applications.

## **B Sc (Information Security Management Services)**

### **Course Objective**

The main goal of this course is to provide students with an understanding of how information security functions in an organization and to make them understand the background and foundation into the many dimensions of information security. They will study security from multiple perspectives including security policies to advance tools. The course will focus on the models, the tools and the techniques for enforcement of security policies, with emphasis on the use of cryptography.

The primary objectives of the course are:

- To be familiar with information security awareness and a clear understanding of its importance
- Understanding external and internal threats to an organization
- Familiarity with the Forensics methodology in collecting digital evidence
- Exposure to the stages of Ethical Hacking for defending the organization from external and internal threats

- Discover, Analyze & deal with IT threats to an organization
- Understand Fundamentals of cryptography
- Understand Network Security Protocols
- Information security governance and related legal and regulatory issues

## **B Sc (Infrastructure Management Services in IT)**

### **Course Objective:**

This course is aimed at students who have completed schooling (Plus 2/PUC) and are keen on making a career in the fast growing field of Infrastructure Management. Students who graduate from this program will have a good understanding of all the aspects of Infrastructure Management Services, with an exposure to Industry practices. The course provides opportunity for the students to learn all aspects of IMS such as Networking, Operating Systems, Virtualisations and DataCenter technologies. The early part of the course engages in Basics, and as the student progresses, the LAB exercises increase, thereby giving the student a “real world” experience. In the last semester, the student can opt for an industry based internship, which helps the student to familiarise with the needs of the industry.

## **B Sc (Visual Effects)**

It was informed that B Sc (Visual Effects) is being introduced for the first time in Karnataka and no other University is running this programme.

### **Course Objective :**

A comprehensive course in Visual Effects to enable the students to master the art of film-making and creating visual effects. The course is tailor-made to hone the craft skills of the students and help foster creative thinking and ideation

- Exploration and experimentation with ideas and communicating the idea through Visual techniques
- Exploration and experimentation of materials and media in Visual Effects with innovative Experiments
- Seamless integration of meaning, form, function as an exercise in and building coherence in content
- Exploring two and three dimensional spaces of cinematic media and content
- Exploration of the new technology in a given context and purpose

Prof Jayagopal Uchil, presented the eligibility criteria for the above programmes as follows :

### **a. For B Sc courses in Visual Effects, Information Security Management Services, Infrastructure Management Services:**

The minimum qualification required to apply is a pass in the 10+2 examination in PUC / ISC / CBSE or equivalent board. A course recognized as equivalent thereto by the University.

### **b. M Sc in Information Security Management Services, Infrastructure Management Services, Storage and Cloud Computing Technology:**

The minimum qualification required to apply is Bachelors degree in Computer Science or Information Technology or Computer Applications or B.E from a recognized university or equivalent with a minimum of 50%.

**c. M Sc in Mobile application:**

The minimum qualification required to apply is Bachelors degree in Computer Science or Information Technology or Computer Applications or B.E or PGDCA from a recognized university or equivalent with a minimum of 50%.

**d. M Sc in Animation:**

The minimum qualification required to apply is Bachelors degree in Animation or Visual Effects or Computer Science or Information Technology or Computer Applications or BFA (Bachelor in Fine Arts with Computer Science subjects) or B.E or PGDCA from a recognized university or equivalent with a minimum of 50%.

The Council, after discussions approved the above programmes.

### (iii) Faculty of Engineering & Technology

Prof T S Sridhar, gave a brief background of the following new courses that are being introduced under the Faculty of Engineering & Technology.

- M Tech (Cyber Security & Forensics)
- M Tech (Power Systems & Insulation Engineering)
- M Tech (Building Science & Technology)

He informed that M Tech (Building Science & Technology) is being placed before the Board of Studies and the other two programmes have already been approved by the Board of Studies. The syllabus for M Tech (Building Science & Technology) will be placed before the next Academic Council meeting.

The Chairman, sought permission of the Academic Council to start the above courses. The Council authorized the Chairman, to start the above courses from the current academic year.

Prof Jayagopal Uchil, presented the eligibility criteria for the above programmes as follows :

- M.Tech. (Cyber Security & Forensics): candidates with B.E/B.Tech degree or its equivalent in Electronic Communication/ Computer Science & Engineering/ Telecommunication / Information Science / Information Technology. The other eligibility conditions are as per University Regulations.
- M.Tech. (Power Systems & Insulation Engineering): candidates with B.E/B.Tech degree or its equivalent in Electrical Engineering. The other eligibility conditions are as per University Regulations.
- M.Tech. (Building Science & Technology): candidates with B.E/B.Tech degree or its equivalent in Civil / Mechanical Engineering. The other eligibility conditions are as per University Regulations.



The Council approved all the above issues connected with these courses.

**b) Approval of Course structure and syllabus of Semesters III & IV of BE programmes (2012 batch) of all disciplines.**

Prof Sridhar placed the curriculum matrix and syllabi of Semesters III & IV of BE programmes (2012 batch) before the council.

It was informed that the syllabi have been prepared, and credits assigned as per requirement. The Board of Studies has also recommended for approval of the above course structure and syllabi.

The Council gave its approval.

**c) Approval of Regulations governing Admissions, Attendance, Assessment and Examinations of Sports persons in Jain University.**

Mr. Shankar U V, gave a brief background on the sports excellence in Jain University and the regulations covering the Sports persons. He also informed that a thorough study has been made with the prevailing Regulations of other institutions and after going through all the requirements, the regulations have been finalized.

The Council appreciated the move for these Regulations and after discussions, approved the draft regulations concerning Sports persons.

**Agenda item No. 4: Reporting items:**

**a) Continuous Assessment (CA) in lab courses.**

The Chairman, informed the background leading to the proposal of Continuous Assessment in Lab Courses. He informed that since 2 batches of UG and 3 batches of PG students have already undergone the routine, conventional practical examinations, it was decided to bring in a reform in the conduct of Practical Examinations to give more thrust on the performance evaluation of each experiment conducted by the student. He also informed the following:

- The proposal has been made in order to see that the students take practical exams, more seriously.
- In a Semester, around 10 experiments are there in a lab course.
- Each experiment performed by the student will be assessed for 20 marks for convenience.
- There is no separate internal assessment
- The students have to be informed about the assessment of each experiment.
- The Continuous Assessment will be introduced in all lab courses across the University.
- A comprehensive Evaluation Sheet has been prepared for this purpose.

The Council after deliberations, gave its approval.

**b) Intake of students for academic year 2013-14 for the new courses.**

The Chairman informed that the intake in general for the UG programmes is 40 and intake for the PG programmes will be 20. However, Intake of students will be based on demand for the course.

The Council gave its approval.

**Agenda item No. 5: Any other matter with the permission of the Chair:**

The Chairman informed that a new programme called B Sc (Aircraft Maintenance) is proposed to be introduced under International Institute for Aerospace Engineering and Management (IIAEM).

The Chairman invited Dr Chenraj Roychand, President of Jain University Trust, who happened to visit the meeting to address the members at the end of deliberations.

- He expressed that knowledge being the main driver of growth, development and prosperity in the modern times, there is great demand for knowledge building institutions in India and across the globe.
- He pointed that no university will grow without “excellence by global standards” in this contemporary global environment wherein world is rapidly changing environment. In taking academic status of the university to higher and higher levels, speed is important.
- He advised that frank and in depth debates among members of Academic Council is necessary. Out of box thinking is the need of the hour. Individual members should present detailed analysis/ surveys on chosen themes after necessary preparations (in their areas of expertise or on a select topic) and these should be debated in depth at the council. Members with an Academic background preferably should have Ph D.
- Future courses and educational institutions demand the highest quality in knowledge building, research, publications, innovations and IPR generation, educational programmes of societal relevance, vocational skill generation, constant self renewal, and relations with industry, ethical orientation, cultural progress, collaborations, global outlook and outreach.

The meeting concluded with a vote of thanks by Prof N V H Krishnan, Registrar.



Registrar  
Jain University