Minutes of the 19th meeting of the Board of Management (BoM) held on 28th May, 2016 at 3.00 pm in the University Office

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Members Present

1. Dr C G Krishnadas Nair, Chancellor, JU   - Distinguished Visitor
2. Dr N Sundararajan, Vice Chancellor, JU   - Chairman
3. Dr S Sadagopan, Director, IIIT
4. Dr R S Deshpande, Former Director, ISEC
5. Mr A Srinivas Kumar, IA&AS (Retd.), Adviser, Centre for Budget & Policy Studies
6. Dr M C Radhakrishna, Professor, B'lore University
7. Dr Sandeep Shastri, Pro Vice Chancellor, JU
8. Dr Jayagopal Uchil, Professor & Director (Academics & Planning), JU
9. Dr Easwaran Iyer, Senior most Professor, JU
10. Prof N V H Krishnan, Registrar, JU   - Member Secretary
11. Prof B T Venkatesh, Adviser, Examinations, JU (Special Invitee)
12. Mr M S Santhosh, Joint Registrar, JU (Special Invitee)
13. Mr N S Manjunath, Controller of Examinations, JU (Special Invitee)
14. Prof Achutha, HoD, Department of Computer Science, JU (Special Invitee)

Leave of absence

1. Dr Sudhir Pai, Senior Consultant Neurosurgeon, Vikram Hospital
2. Dr Mithileshwar Jha, Pro Vice Chancellor, JU
3. Dr K Venkatesh, Director, SET & Dean, Research, JU
4. Dr Sudha Deshmukh, Dean, Sciences, JU
5. Ms Aparna Prasad, Director, HR & Strategic Communications, JU

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The Chairman extended a warm welcome to all the Members of BoM and thanked the Chancellor for his august presence.

The agenda items were taken up for discussion.

Agenda item no. 1. Confirmation of the minutes of the 18th meeting of the BoM held on 27th February, 2016.

The Chairman informed that the minutes of the 18th meeting of BoM were circulated to all the members and no comments were received & therefore requested members to confirm the minutes.

The minutes of the 18th meeting of the Board of Management held on 27th February, 2016 were confirmed.

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Agenda item no. 2. Action taken Report on :

Ratification of the resolutions and action taken by the Standing Committee during March 2016.

i.   49th Meeting of the Standing Committee held on 19th March, 2016.

- The Standing Committee discussed on introduction of certain specialisation courses in B.Tech. (Computer Science & Engineering) and B.Tech. (Information Science & Engineering) the details are going to be taken up for discussion under Agenda item 3.1(b).

- The Standing Committee gave its approval for the notification of awarding the PhD Degree to the following 10 candidates, & the Chairman requested the BoM to ratify the list given below :

Sl	Name of the Candidate	Topic	Guide	Department
1	Ms. Poorva Ranade	Development and outcome of an awareness programme about stress in children: A research with dual earner parents	Dr. Pooja Surana	Psychology
2	Ms. Jyothi M.S.	Studies on preparation and characterization of Polysulfone Blend and Composite Membranes for water purification	Dr. Geetha Balakrishnan	Chemistry
3	Ms. Rekha Datta	Folk Realism in the contemporary Indian Literature in the edited works of Kirin Narayan, Sadhana Naithani and Vivek Shanbhag	Dr. K.G. Bhuvanamaheshwari	English
4	Ms. Pushpa-vathi	An enhanced approach for prediction of software project success using Fuzzy C-means, Genetic Algorithm and Random Forest in software industry	Dr. V. Ramaswamy & Dr. Suma V. (Co-guide)	Computer Science & Engineering
5	Ms. Sujatha Das	Mangalamukhiyaru : Ondu Adhyayana	Dr. Talwar Vamdev	Kannada
6	Ms. Poonam Sharma	Design and development of photonic crystal based biosensors	Dr. Preetha Sharan	Electronics Engineering

Sl	Name of the Candidate	Topic	Guide	Department
7	Mr. Manja Naik	Development if a new approach for Intra time coding in advance video coding standard to control PSNR and Bitrate using Gaussian Pulse	Dr. R. Manjunath	Electronics Engineering
8	Ms. Anuradha Buddha	Corporate Social Responsibility: A study on Indian Private Multi National Companies	Dr. M.M. Bagali	Management
9	Mr. A. Sairam	A study of investment pattern amongst the academicians in Bangalore	Dr. B. Raghavendra Rao	Management
10	Mr. Shrishal Angadi	Development of a business model for successful entry of ICT industries into International Business – Reference to African Continent	Dr. N.M.K. Bhatta	Management

- **Adoption of Choice Based Credit System (CBCS) in UG Courses as per UGC Guidelines**

The Chairman gave a brief background on the process that took place for adopting the CBCS as per recent UGC Guidelines.

The 47th Standing Committee meeting was called on 31st December, 2015 to discuss and take it forward. Based on the preliminary discussions in the meeting the Chairman constituted a Sub-committee consisting of core members, Dr. Sandeep Shastri, Pro Vice Chancellor, Dr. Mithileshwar Jha, Pro Vice Chancellor, Prof. N.V.H. Krishnan, Registrar and Dr. Jayagopal Uchil, Director (Academics & Planning) for working out the value framework and benchmark parameters for the introduction and adoption of CBCS.

The Sub-committee met a couple of times along with Deans of various Faculties and on the basis of the discussions Prof. N.V.H. Krishnan prepared a PPT presentation on the implementation plan of CBCS. It was circulated to all the Center Directors, Deans and Heads of the Departments. Dr. J. Uchil presented the framework prepared by the Sub-committee for the adoption of CBCS as per UGC Guidelines in the 48th Standing Committee meeting held on 18th January, 2016. Based on the framework it was decided to prepare a Handbook containing the details of the courses offered under CBCS by various Faculties for the benefit of all stakeholders.

Subsequently, a meeting of the Chairpersons of Boards of Studies and Internal Members of all BoS to impress upon them the need to understand the terminologies

involved in the structure of CBCS and their significance. This meeting was convened by Dr. J. Uchil and he dealt with components of CBCS like Core Courses, Discipline Specific Electives (DSE) – intra-disciplinary subjects, Generic Electives (GE) – inter-disciplinary subjects, Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC) with the number of credits assigned for each component as per UGC guidelines. He further informed that one of the special feature of CBCS is to select elective papers from interdisciplinary disciplines, for the purpose of careful preparation of basket of electives, Dr. Sandeep Shastri was designated to take care of GE courses for UG Degree Programmes coming under the Faculties of Humanities & Social Sciences and Languages, Dr. J. Uchil was given the responsibility of the Faculty of Sciences and Prof. N.V.H. Krishnan that of Commerce & Management Faculties. Several interaction meetings with the respective Chairpersons of Boards of Studies and Program Coordinators resulted in the finalisation of a set of relevant & interesting subjects of study under GE for all the UG Degree programmes.

Based on the models provided by the Director (Academics & Planning), Boards of Studies responsible for the various Bachelor Degree Programmes, designed the CBCS Structure, developed Curriculum Matrix for the Semesters I to VI for the 3-year course work and forwarded for approval. The compilation of the Course Structure and Curriculum Matrix of all the 18 UG Programmes in the form of a Handbook was placed before the 49th Standing Committee held on 19th March, 2016 by the Director (Academics & Planning).

The introduction of CBCS in UG programmes was also discussed in detail in the meetings of Planning & Monitoring Board held on 9th April, 2016 and also in the Academic Council held on 21st April, 2016. The members appreciated work done and gave useful suggestions for implementation of CBCS in UG programmes.

The Chairman appreciated the meticulous work carried out and placed on record the services rendered by Dr. J.Uchil, Dr. Sandeep Shastri Dr. Mithileshwar Jha and Prof. NVH Krishnan in preparation of the Handbook on CBCS for 3-year UG programmes starting from 2016.

The Chairman requested Dr. J. Uchil to give details on the Credit distribution and components of CBCS prescribed by UGC.

Dr. J. Uchil dealt on the guidelines issued by the UGC for the implementation of CBCS in UG programmes. In order to bring uniformity in the credit distribution over the various components of the CBCS and homogeneity in the curriculum structure of all 3-year UG Degree Programmes, UGC issued Instructional Templates with new guidelines to all Universities in December 2015. The processes undertaken thereafter have already been dealt with by Honorable Vice Chancellor. The highlight of the CBCS is that nearly 40% of

the total credits specified by UGC for UG courses is set aside for the choice of the students leading to a paradigm shift from the present teacher-centric education to student-centric education. The details of (i) the credit distribution, (ii) the course structure and (iii) the curriculum matrix of all the 18 UG Degree programmes, 7 under Faculty of Sciences, 3 under Faculty of Humanities & Social Sciences, 5 under Faculty of Commerce and 3 under Faculty of Management which are coming under CBCS and going to be implemented in the Academic year 2016-17 are given in the Handbook.

The Chairman thanked Dr. J. Uchil for the brief presentation and informed the members that copies of the Handbook are placed before them for approval. Members held detailed discussions on the CBCS Structure & Curriculum Matrix and gave their suggestions.

Dr. MC Radhakrishna queried to know the comparison of earlier Curriculum structure and present CBCS Curriculum Structure. Dr. J. Uchil responded by stating that the existing course structure does not have components of DSE, GE and SEC and it mainly concentrates on core courses only. The total credits are coming down from 160 -170 to a total of 148 credits uniformly for all the courses coming under the present CBCS.

Dr. Deshpande appreciated the CBCS pattern devised and mentioned that all the relevant topics are covered. He suggested to furnish more details of CBCS components to the students through tutorials and make them prepared to choose subjects under Generic and Skill Enhancement Courses in the higher semesters.

Mr. Srinivas Kumar sought to know whether faculty members have been identified for course delivery of CBCS Structure. Dr. J. Uchil clarified that Generic and Skill Enhancement Courses have been selected through detailed discussions by interdisciplinary interactions and faculty members have been identified to deliver the selected courses.

Dr. Sadagopan enquired on the degree courses BCA and BCA with specialisations to know any provision for students to switch between the 2 programs for their benefit. Prof. Achutha informed that Semesters I to III are common for both the programmes. Specialization starts from Semester IV, so that interested students can choose their specialization of their interest before entering into Semester IV.

The Chancellor suggested to make these provisions of switching specialization easy for students and it should be done in a careful manner. He also pointed out to offer these CBCS electives / disciplines for the selection purpose by the students in an online platform.

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The Chairman thanked the members for their observations and useful suggestions and comments.

Members resolved to place on record their appreciation and congratulations for all the concerned involved in the preparation of the Handbook on CBCS as per UGC Guidelines – Dec. 2015 in 3-year UG programmes. Members gave their approval for the implementation of CBCS for 3-year UG programmes starting from the academic year 2016.

Members also ratified all the actions taken by the Standing Committee at its 49th meeting.

Agenda item no. 3: Discussion item :

Agenda item no. 3.1 : New programmes proposed to be introduced for the Academic year, 2016-17.

The Chairman requested concerned programme coordinator to present brief details on new programme under Faculty of Engineering & Technology slated for introduction in the new academic year.

<u>Faculty of Engineering & Technology</u>

<u>i. B.Tech. in Computer Science & Engineering (with specialization in Cloud Technology and Information Security / Mobile Applications and Cloud Technology)</u>

Prof. V. Achutha informed the members that there is a huge demand for these specialized streams under B.Tech. Degree programmes in the Computer Science & Engineering (CSE) / Information Science & Engineering (ISE). Considering the market survey and inputs from industry veterans & subject experts these UG Engineering courses have been designed and proposed to be offered from the Academic year 2016-17. He highlighted on the objectives of each specialized stream & its career opportunities. Prof. Achutha further added that the qualified faculty members have been identified & infrastructure facilities are being developed. He pointed out that the Curriculum matrix and Syllabus of Semesters I & II are common across all B.Tech. courses. Further, Curriculum matrix and Syllabus of Semester III are common for existing CSE & ISE and also for courses with these Specialisations. He informed that the Curriculum matrix of all the eight Semesters of the proposed B.Tech. in CSE courses with Specialisations cited above and the syllabus of the first three Semesters

have been prepared and recommended by the BoS (Engineering & Technology) and approved by the Academic Council.

The members after discussions, approved the introduction of above new courses starting from academic year 2016-17.

Agenda item no. 3.2 : Infrastructure and Human Resource requirement for the above programmes.

The Chairman mentioned that the Faculty members and infrastructure have been identified for all the New programmes. He requested the members to accord sanction for the requirements.

Members gave approval for appointing the required human resources and creating all the necessary infrastructure, lab, library and related items for all these new programmes.

The Chairman further informed that considering the ongoing and new programmes approved by the Academic Council that are offered for 2016-17, the department wise sanctioned faculty post is given below :

Sl.	Department	Total Faculty Sanctioned	Professor	Associate Professor	Assistant Professor
1.	Economics & Social Sciences	5	1	1	3
2.	Journalism & Mass Communication	27	3	6	18
3.	Performing Arts & Cultural Studies	4	1	1	2
4.	Languages	14	2	2	10
5.	Computer Science & IT	54	5	10	39
6.	Biotechnology & Genetics	4	1	1	2
7.	Microbiology & Botany	9	1	2	6
8.	Biochemistry	5	1	1	3
9.	Chemistry	5	1	1	3
10.	Art & Design	22	2	5	15
11.	Forensic Science	20	2	4	14
12.	Psychology	7	1	2	4
13.	Physics & Electronics	8	1	2	5
14.	Management Studies	161	17	34	110
15.	Commerce	140	15	30	95
16.	Information Science & Engineering	8	1	2	5
17.	Computer Science & Engineering	35	3	6	26
18.	Aerospace Engineering	21	2	5	14

Sl.	Department	Total Faculty Sanctioned	Professor	Associate Professor	Assistant Professor
19.	Civil Engineering	13	1	3	9
20.	Mechanical Engineering	18	2	4	12
21.	Electrical & Electronics Engineering	5	1	1	3
22.	Electronics & Communication Engineering	17	2	4	11
23.	Food Technology	5	1	1	3
	Total	**607**	**67**	**128**	**412**

After reviewing, the Members gave approval for the sanctioned faculty post for the academic year 2016-17.

Agenda item no. 3.3 : To approve the University Budget estimates for the year 2016-17.

The Chairman informed the members of the Board of Management that suggestions made in the last Board of Management were fully incorporated in the detailed budgeting exercise undertaken for the year 2016-17. After perusal of the Budget proposal booklet, the Chancellor, the External Members - Dr. Sadagopan, Dr. Deshpande and Mr. Srinivas Kumar placed on their record, their appreciation for the excellent effort of Prof. N.V.H Krishnan and the rest of the Jain University team in preparing a detailed budget.

The Board of Management then approved the Annual Budget as per details given below:

* Budgetary support to departments of Jain University to the extent of Rs.780.16 Lakhs, with the following break-up :

(a)	Non- Recurring Expenditure	:	Rs.199.31 Lakhs
(b)	Recurring Expenditure	:	Rs.580.85 Lakhs
	Total	**:**	**Rs.780.16 Lakhs**

* Salaries for the Academic Year 2016-17 of Rs. 3720 Lakhs.
* Research and Development (R&D) expenditure of Rs. 942 Lakhs including salaries for research personnel as well as a seed fund of Rs.125 Lakhs, based on the research proposals received from the centers.
* Scholarships to the extent of Rs.150 Lakhs.

- After catering to the various heads of recurring expenditure, transfer of an amount of Rs.1769 Lakhs to the infrastructure fund.
- Appropriation of the infrastructure fund towards various capital expenditure proposals amounting to Rs.1224 Lakhs and an amount of Rs.500 Lakhs towards repayment of principal.
- Provision of Rs.10 Lakhs towards Contingency Fund and Rs. 25 Lakhs towards a Growth Fund.

Agenda item no. 3.4 : To approve the delegation of powers at Faculty of Engineering and Technology.

The Registrar stated that as per the guidelines provided by AICTE and UGC the following financial powers are delegated at the Faculty of Engineering and Technology :

Sl. No.	Position	Financial Powers
1	Director	Up to Rs. 1,00,000/-
2	Heads of Departments	Up to Rs. 25,000/-
3	Facility Manager	Up to Rs. 10,000/-

The University has permitted the Principal Investigators of the funded projects to have a separate bank account for each of the Government funded projects. They are empowered to get advance payments from the project accounts. They can make their own purchase for amounts not exceeding Rs.50,000/- whereas beyond that they need to take permission of the University Authorities. They need to provide statement of expenditure to prepare the Utilization Certificate for the purpose of reporting funding agencies.

The Faculty Members provided with seed money are empowered to utilize the full project amount at their own discretion and then to give statement of expenditure to the University.

The Chairman requested the Registrar to issue the notification along with general guidelines in this regard.

The Board of Management approved the delegation of powers at Faculty of Engineering and Technology.

Agenda item no. 3.5 : To approve the list of successful candidates for the award of Ph.D. Degree.

The Chairman requested Dr. Sandeep Shastri to place before BoM the list of 8 more successful candidates eligible for PhD degree who were recommended by the PhD Registration committee meeting held in the months of April & May 2016.

Dr. Sandeep Sastri presented the list of following 8 successful candidates for the award of Ph.D. who have fulfilled all the requirements.

Sl.	Name of the Candidate	Topic	Guide	Faculty
1	Ms. Madhu Palati	Developmental (simulation and experimental) studies on High Voltage Marx Generator	Dr. G.R. Nagabhushana	Engineering
2	Mr. Arun Bharadwaj	Socio-cultural approach to joyful living with reference to management principles from ancient wisdom	Dr. Chooda-mani Nandagopal	Humanities & Social Sciences
3	Mr. Chandan HR	Synthesis and characterization of quantum dots for detection of pathogens	Dr. Geetha Balakrishna	Sciences
4	Ms. Chitra Lakshman	Travel writing – Journey outwards and inwards : A comparative study of three Indian travel writers	Dr. Kalpana Dhananjay	Languages
5	Ms. Prashan-thi K	Evaluation of Anticancer Potentials of Microbial Pigments	Dr. K.N. Varalakshmi	Sciences
6	Mr. Piyush Kumar Pareek	An adoptive model for Lean Software development in Small and Medium Level firms in Bangalore	Dr. A.N. Nandakumar	Engineering
7	Ms. Priyanka P.V.	A study on the applicability of social networking on the marketing strategy in select retain units	Dr. Padma Srinivasan	Management
8	Ms. Minnu Kejriwal	Significance of Symbolism in Art historical studies – Proposing a model for Art Historical analysis	Dr. Chooda-mani Nandagopal	Humanities & Social Sciences

He stated that the similarity index of all the above 8 cases are less than 20% as per the norms of anti-plagiarism. As a mandatory measure given in UGC Guidelines the theses will be uploaded in INFLIBNET website.

The Chairman suggested to send the copies of the PhD notifications for the award of PhD degrees to AIU on a regular basis.

Dr. Sadagopan suggested to also upload the PhD Theses in one of the web platforms of international repute like Proquest. Dr. Sandeep Shastri agreed to look into the matter.

The Chairman mentioned that as per the suggestion given by Dr. Sadagopan in one of the earlier meetings, the 50th PhD successful candidate, Mr. A.Ve. Sowrirajan was felicitated in the 3rd Jain University Research Retreat which was held on 21st and 22nd of May, 2016. The Chairman congratulated Dr. Sandeep Sastri for taking forward the Research Retreat as one of the best practices of the University.

The Chairman requested the Members of BoM to approve the present list of 8 successful candidates and 14 PhD scholars ratified in Standing Committee for the award of Ph.D and enable the Notifications for the award of PhD degree.

Members accorded their approval to the list of 22 successful candidates for the Notifications of the award for PhD Degree.

Agenda item no. 4 – Reporting Items:

Agenda item no. 4.1 : Surveillance Audit for ISO 9001:2008 conducted on 12th January, 2016.

The Chairman informed that as a practice the surveillance audit of the ISO 9001:2008 certification and was held on 12th January, 2016.

Members were happy to note the steps taken to continue ISO Certification.
Agenda item no. 5 – Any other matter with the permission of the Chair:

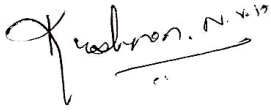The Chairman dealt upon the following highlights on the academic activities of the University :

5.1 Based on the recent report from NAAC, the Supreme Court will be declaring its final verdict on the status of Deemed to be Universities on 12th July, 2016.

5.2 The University has come out with the Calendar of Events for the Academic year 2016-17. This year academic activities have started early in order to facilitate the conduct of the Convocations of the University before August every year.

5.3 Dr. Deshpande suggested to reward the faculty member based on the Academic Audit Report in order to encourage and bring in healthy competitive culture. The Chairman clarified that audit of Faculty members are being done twice in a year, one at the beginning of the year and the other at the end of the year.

5.4 The Chairman briefed the Members that the structured feedback for design and review of Curriculum was received from Students, Faculty members, Potential Employers, Alumni and other stake holders. Members noted and expressed their appreciation.

The meeting concluded with the Registrar giving vote of thanks by expressing his gratitude to the Chancellor, the Chairman and other members for their active participation, valuable suggestions and guidance.
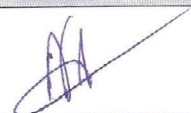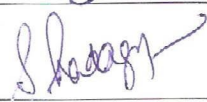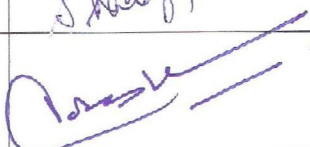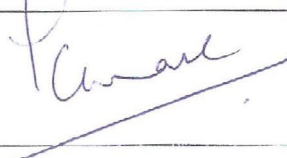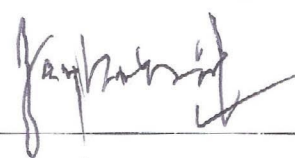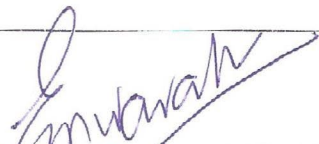
Registrar
Jain University

JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act 1956

19th Meeting of the Board of Management

Saturday, 28th May 2016
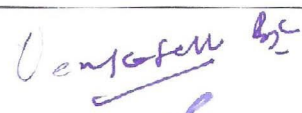
In the August Presence of Dr. C.G. Krishnadas Nair, Chancellor, JU

Sl	NAME	POSITION	SIGNATURE
1	**Dr. N. Sundararajan** Vice Chancellor, JU	Chairman	
2	**Dr. S. Sadagopan** Director, IIIT, Bangalore	Member	
3	**Dr. R.S. Deshpande** Former Director, ISEC	Member	
4	**Dr. Sudhir Pai** Senior Consultant Neurosurgeon, Vikram Hospital	Member	ABSENT
5	**Shri. A. Srinivas Kumar,** IA&AS (Retd.) Adviser - Centre for Budget and Policy Studies	Member	
6	**Dr. M.C. Radhakrishna** Professor & Former Chairman, Dept of Physics, Bangalore University	Member	28/5/2016
7	**Dr. Sandeep Shastri** Pro Vice Chancellor, JU	Member	
8	**Dr. Mithileshwar Jha** Pro Vice Chancellor, JU	Member	ABSENT
9	**Dr. Jayagopal Uchil** Professor & Director (Academics & Planning), JU	Member	
10	**Ms. Aparna Prasad** Director, Strategic Communications & Human Resources, JU	Member	ABSENT
11	**Dr. Sudha Deshmukh** Dean, Faculty of Sciences, JU	Member	ABSENT
12	**Dr. K. Venkatesh** Director, SET and Dean, Research, JU	Member	ABSENT
13	**Dr. Easwaran Iyer** Senior most Professor, JU	Member	

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19th Meeting of the Board of Management

Saturday, 28th May 2016

In the August Presence of Dr. C.G. Krishnadas Nair, Chancellor, JU

Sl	NAME	POSITION	SIGNATURE
14	**Prof. N.V.H. Krishnan** Registrar, JU	Member Secretary	
15	**Dr. B.T. Venkatesh** Adviser, Examinations, JU	Special Invitee	
16	**Shri. M.S. Santhosh** Joint Registrar, JU	Special Invitee	
17	**Prof. N.S. Manjunath,** Controller of Examinations, JU	Special Invitee	
18	**Prof. V. Achutha,** HoD, Department of Computer Science, JU	Special Invitee	