

**Minutes of the 23rd Meeting of the Academic Council,
held on Saturday, 25th February, 2017 at 2.30 pm in the University Office.**

The following members were present :

1. **Dr. C.G. Krishnadas Nair**, Chancellor, JU - **Distinguished Visitor**
2. **Dr. N. Sundararajan**, Vice Chancellor, JU - **Chairman**
3. **Dr. J Gururaja**, Former Adviser, Ministry of New and Renewable Energy, GOI and Former Senior Adviser, United Nations, New York
4. **Dr. M.J. Vinod**, Professor, Department of Political Science, Bangalore University
5. **Dr. M.C. Radhakrishna**, Professor (retd.) & Former Chairman, Dept of Physics, Bangalore University
6. **Dr. Sandeep Shastri**, Pro Vice Chancellor, JU
7. **Dr. Jayagopal Uchil**, Director, Academics and Planning, JU
8. **Dr. Easwaran Iyer**, Dean, Commerce, JU
9. **Dr. Mythili P. Rao**, Dean, Languages, JU
10. **Dr. Harold Andrew Patrick**, Dean, Academics, CMS Business School, JU
11. **Dr. S.A. Hariprasad**, Director, SET, JU
12. **Prof. K.R. Sridhar Murthi**, Director, IIAEM, JU
13. **Dr. Vasu B.A.**, Director, SCMS, JU
14. **Dr. K.N. Varalakshmi**, Director, CPGS, JU
15. **Dr. Rajani Jairam**, Dean, Student welfare, JU
16. **Dr. Asha Rajiv**, Director, IQAC, JU
17. **Dr. Bhaskar Dixit**, Director, FCRC, JU
18. **Dr. Geetha Balakrishna**, Director, CNMS, JU
19. **Dr. Rajan K E Varghese**, Director, School of Law, JU
20. **Prof. N.S. Manjunath**, Controller of Examinations, JU
21. **Dr. T. Padmavathi**, Department of Microbiology, CPGS, JU
22. **Dr. Veena V. Nagaraj**, Department of Chemistry, SGS, JU
23. **Dr. Shanti Iyer**, Department of Forensic Science, SGS, JU
24. **Dr. Srividya Shivakumar**, Department of Microbiology, CPGS, JU
25. **Dr. N. Shanthi**, Department of Physics, CPGS, JU
26. **Dr. Arathi Sudarshan**, Department of Mathematics, SGS, JU
27. **Prof. V. Achutha**, Department of Computer Science, JU
28. **Dr. V Muralidhara**, Department of Electrical & Electronics Engineering, SET, JU
29. **Prof. V. Parameswaran**, Department of Aerospace Engineering, IIAEM, JU
30. **Dr. Benaka Prasad**, Department of Basic Sciences, SET, JU
31. **Dr. Jitendra Mishra**, Department of Management, MIME, JU
32. **Dr. B.R. Rao**, Department of Management, CMS B School, JU
33. **Dr. Xavier V.K.**, Department of PG Studies in Economics, School of Humanities & Social Sciences, JU
34. **Prof. S. Madhavan**, Department of Mass Communication, CMS, JU
35. **Dr. H.N. Prakruthi**, Department of English, SGS, JU
36. **Col. TNC Vijayasathya VSM**, Department of Mind Management, JU
37. **Dr. B T Venkatesh**, Advisor, Examinations Unit, JU
38. **Prof. N V H Krishnan**, Registrar, JU & Member Secretary, AC

Leave of absence intimated

1. **Dr. R. Natarajan**, Former Chairman, AICTE and Former Director, IIT-M
2. **Mr. A.K. Vora**, Former Director, Tata Consulting Engineers Ltd.
3. **Mr. A. Srinivas Kumar**, IA&AS (retd.) Adviser - Centre for Budget and Policy Studies
4. **Dr. Mithileshwar Jha**, Pro Vice Chancellor, JU
5. **Prof. K.S. Shantamani**, Chief Mentor, JGI
6. **Prof. Dinesh Nilkant**, Director, CMS, JU
7. **Dr. Shankar UV**, Director, Sports, JU
8. **Ms. Anitha Abraham**, Department of Microbiology, SGS, JU
9. **Capt. Rekha Sinha**, School of Interior Design, JU
10. **Dr. Rajdeep Manwani**, Department of Commerce, JU
11. **Dr. Aravind Kumar**, Department of Hindi, JU
12. **Mr. M.S. Santhosh**, Joint Registrar, JU
13. **Mr. Udaya Kumar Soori**, Deputy Registrar, JU
14. **Mr. H.N. Manjunath**, Chief Librarian, JU

The Chairman extended a warm welcome to all the members for the 23rd Meeting of the Academic Council. He mentioned that the Academic Council has been reconstituted and will be effective from January 2017.

He welcomed the newly nominated members and thanked the outgoing members.

He gave a brief introduction of the new external member, **Dr. M.J. Vinod**, Professor, Department of Political Science, Bangalore University. He also introduced the other two new external members, namely, **Dr. M.C. Radhakrishna**, Professor (retd.) & Former Chairman, Dept of Physics, Bangalore University and **Mr. A. Srinivas Kumar**, IA&AS (retd.) Adviser - Centre for Budget and Policy Studies who have been nominated to Academic Council after completing their tenure as members of Board of Management.

Thereafter, the Chairman introduced the new internal members who were inducted into Academic Council, namely, **Dr. Harold Andrew Patrick**, Dean, Academics, CMS Business School, **Dr. S.A. Hariprasad**, Director, SET, **Dr. Bhaskar Dixit**, Director, FCRC, **Mr. Shankar UV**, Director, Sports, **Dr. Rajan K E Varghese**, Director, School of Law, **Dr. N. Shanti**, Department of Physics, CPGS, **Dr. Arathi Sudarshan**, Department of Mathematics, SGS, **Capt. Rekha Sinha**, School of Interior Design, **Dr. V Muralidhara**, Department of Electrical & Electronics Engineering, SET, **Dr. Benaka Prasad**, Department of Basic Sciences, SET, **Dr. Jitendra Mishra**, Department of Management, MIME, **Dr. B.R. Rao**, Department of Management, CMS B School, **Dr. Rajdeep Manwani**, Department of Commerce, **Dr. Xavier V.K.**, Department of PG Studies in Economics, School of Humanities & Social Sciences, **Col. TNC Vijayasathy VSM**, Department of Mind Management and **Mr. H.N. Manjunath**, Chief Librarian.

He informed that the two external members, **Prof. E.S. Dwarakadasa**, Chairman, KHMD and **Dr. G.S.D. Babu**, Director, M.P.Birla Institute of Fundamental Research who had rendered their services to the Academic Council have been nominated to the Board of Management.

He thanked the services rendered by the outgoing external member, **Dr. Selvan Dorairaj**, Vice President – Capgemini and outgoing internal members **Dr. S.N. Nataraj**, Centre Head, VVPuram, **Mr. Krishna Reddy B.N.**, Department of Management, CMS and **Ms. Richa Gupta**, Department of Economics for their participation & contributions to the proceedings of the Academic Council meetings.

After these preliminary remarks, the Chairman took up the Agenda items for discussion.

Agenda item No. 1 - Confirmation of the minutes of the 22nd meeting held on 10th December, 2016.

The Chairman informed that the copy of the minutes was circulated to all the members and there were no particular suggestions / observations received and therefore he requested the members to confirm the minutes of the last meeting.

The members gave their approval to confirm the minutes of the 22nd meeting of the Academic Council held on 10th December, 2016.

Agenda item no. 2: Action taken report on :

The Chairman informed that the University has implemented (i) the revised Curriculum Matrix of B.Tech in Computer Science & Engineering (CSE) and B.Tech in Information Science & Engineering (ISE) from Semesters III to VIII and Syllabus of Semester III for 2016 batch and (ii) the revised Curriculum Matrix of MBA (Entrepreneurship & Family Business Management) from Semester I to IV and Syllabus of Semesters I & II for 2016 batch which were approved by the Academic Council in its last meeting.

Members noted the action taken report.

Agenda item no. 3: Discussion items :**New programmes proposed to be introduced for the Academic year 2017-18 :**

As a preliminary remark on the agenda points for the discussion items, the Chairman informed that this Academic Council meeting shall have agenda items dealing with the new programmes to be introduced for the academic year 2017-18. The discussion points on the revision / fine-tuning of Curriculum Matrix and Syllabus of ongoing courses will be dealt in the next Academic Council which is going to be held around the 2nd week of April, 2017. He also mentioned that the Director of Academics & Planning, Dr. J. Uchil, had advised through the notification dated 2nd November, 2016 to all the Department of Studies of the University to submit proposals for the introduction of new programmes along with detailed background papers and accordingly proposals were received & scrutinized. The proposals were placed before the Planning & Monitoring Board held on 18th February, 2017 for their recommendations. After detailed discussion the Planning & Monitoring Board recommended to forward the suggested changes in the proposed Curriculum Matrix of the various programmes to the Board of Studies in the respective areas for the needful action. The revised Curriculum Matrix & Syllabus along with background papers received from the respective Board of Studies are now placed for the discussion.

He requested the Dean of concerned Faculty / Programme coordinator to give a brief background with respect to the proposed new programmes :

Faculty of Commerce**1. B.Com (Hons.) in Logistics & Supply Chain Management**

Dr. Easwaran Iyer gave a brief background on the Course Objectives, Need & Scope of the course, Career path / Job opportunities and Potential employers. The Course is going to be recognized by Chartered Institute of Procurement & Supply (CIPS). He further stated that on successful completion of this program the graduates are eligible for the award of Diploma / Advanced Diploma / Professional Diploma depending on clearing the subjects enlisted under each category by CIPS which are incorporated in the Curriculum Matrix of B.Com (Hons.) in Logistics & Supply Chain Management.

Dr. J. Gururaja suggested to look into marketability of the course. Dr. Easwaran Iyer pointed out that already a good number of enquiries have started to come in and according to him marketability is not a problem as the programme is of International Standard.

Prof. N.V.H. Krishnan suggested to bring the paper 'Production Management' from Discipline Specific Elective (DSE) to Core Papers in Semester V. Dr. M.C. Radhakrishna suggested that the faculty identified must be a blend of experts from Academia and Industry. Dr. C.G. Krishnadas Nair suggested to shortlist the faculty members from database of experienced employees from manufacturing / assembly industries, vendors, suppliers, service sectors across automobile, aerospace companies and others.

Eligibility Criteria : Dr. Uchil mentioned that the eligibility criteria for admissions to this course shall be the same as the existing criteria in the UG Regulations of the University.

Faculty of Engineering & Technology

2. B.Tech (Hons.) in Computer Science & Engineering (with Specialisation in Data Science)

and

3. B.Tech in Computer Science & Engineering (with Specialisation in Internet of Things)

Dr. Hariprasad informed the members that for the first time Honours papers are introduced in B.Tech course. B.Tech regular course comprises of 180 credits, while B.Tech. (Hons.) course is designed to have 204 credits. The additional 6 papers of 4 credits each involved in B.Tech (Hons.) will be covered from Semester III to VIII, the 1st two Semesters being common for all the B.Tech programmes. School of Engineering & Technology (SET) will ensure the coverage of the additional subjects on Saturdays regularly. Additional faculty members are required to shoulder the extra workload due to the increase in the number of batches.

Prof. Achutha pointed out that the specialization course in Data Science has been designed to prepare students to apply a set of data science principles, tools & techniques to model various real world business problems, analyze them and suggest a suitable solution through appropriate data visualization techniques.

Prof. Krishnan suggested to replace the paper 'Data Analytics using MS Excel' of Semester V with 'R Programming Language' which is an open source programming language and software environment for statistical computing.

With regard to the specialization course in Internet of Things, Prof. Achutha pointed out that the course is combination of various technology fields like sensor technologies, communication networks, signal processing, data management systems etc which are complimented by Artificial Intelligence to make Internet of Things a prominent business tool for connecting the world on a single platform. The core papers of the course have

50% of Electronics and another 50% of Computer Science subjects, and the faculty will be drawn from both the fields.

Dr. Uchil mentioned that Internet of Things is the fourth specialization that is going to be introduced under B.Tech in Computer Science & Engineering, the other three being B.Tech in Computer Science & Engineering (CSE) with specialization in Cloud Technology and Information Security, Cloud Technology and Mobile Applications and Mobile Applications and Information Security.

Prof. Krishnan observed that in the proposed Curriculum Matrix of the specialization Internet of Things, both the papers 'Microprocessors and Microcontrollers' and 'Sensor Technologies' are in the same Semester. He suggested to precede 'Microprocessors and Microcontrollers' in a lower Semester with respect to 'Sensor Technologies'.

Eligibility Criteria : It was decided to take the eligibility criteria for admissions to these 2 courses same as the existing criteria in the B.Tech Regulations of the University.

Faculty of Management

4. BMS in International Finance

Dr. Easwaran Iyer gave a brief background on the Course Objectives, Need & Scope of the course, Career path and Potential employers. The course is going to be recognized by Chartered Global Management Accountant (CGMA). He highlighted the fact that upon the successful completion of BMS in International Finance the candidates have to write examination only in 7 papers for the certification by CGMA and all other papers are going to be exempted.

5. BMS in Aviation Management

Dr. Iyer gave the Course Objectives, Need & Scope of the course, Career path / Job opportunities and Potential employers for all the new courses and informed that these new courses have been introduced by the active support of industry partners like Institute of Clinical Research India (ICRI) and Institute of Logistics & Aviation Management (ILAM), through the University – Industry Interface. He presented the proposed Course Matrix of the new programme.

Dr. Easwaran Iyer informed the members that the BMS in Aviation Management is all about understanding how to use principles of management to keep airports and airlines running safely and smoothly.

Prof. Sridhara Murthi mentioned that the UG course on Aviation Management has been framed well & could be more useful and also strengthen the PG Course namely MBA in Airport and Aviation Business Management.

Dr. Gururaja wanted to know about the paper 'Mind Management and Human Values', and suggested to look into possibilities for a better terminology for the title of the paper. The Chairman requested Col. Vijayasathya from the Department of Human Networking Academy to clarify the same. He gave the contents of the subject and explained why the title was chosen as Mind Management and Human Values.

Eligibility Criteria : It was decided to take the eligibility criteria for admissions to these programmes same as the existing criteria in the UG Regulations of the University.

Faculty of Sciences

6. B.Sc. (Hons.) in Forensic Science

Dr. Shanti Iyer informed the members that the course is being integrated with suggestions of Chartered Society of Forensic Sciences (CSOFS). Although, total credits (148) for both B.Sc (general) and B.Sc. (Hons.) degree programmes, there is considerable change in the course content. In B.Sc. (Hons.) the course contents covering Core, Discipline Specific Elective (DSE) and Skill Enhancement Course (SEC) papers differ by to the extent of 44 credits compared to B.Sc. (general). In addition, in B.Sc. (Hons.) two areas of specializations i.e. Computer Forensic and Forensic Biology which are in large demand, are introduced under Discipline Specific Elective.

Dr. Gururaja suggested to examine the necessity of renaming subject titles like 'Forensic Physics' & 'Forensic Chemistry' as 'Forensic Applied Physics' & 'Forensic Applied Chemistry'.

Eligibility Criteria : It was decided to take the eligibility criteria for admissions to this course same as the existing criteria in the UG Regulations of the University.

7. B.Sc. in Digital Filmmaking

Prof. Achutha presented on the Scope of digital film making, growth in media & entertainment media and Employment Opportunities for graduates. He highlighted that the students in the earlier semesters will undergo with rigorous understanding of the fundamental knowledge of key aspects of Story Telling through Digital Filmmaking & VFX and in the later semesters the curricula becomes more technically oriented.

Dr. M.J. Vinod suggested to include subjects on Theatre and Music which is more essential in a film making course. Prof. Achutha clarified that the Modules on Theatre and Music have been included in the paper 'History of Arts' under Semester I.

Eligibility Criteria : It was decided to take the eligibility criteria for admissions to this course same as the existing criteria in the UG Regulations of the University.

8. BCA (with Specialisation in Internet of Things)

Prof. Achutha briefly presented on the Course Objectives, Job and Career Opportunities. The course is specifically designed to prepare students with theoretical foundations and practical skills of making the world "connected" through technology i.e. Internet of Things. Students who take up this program will be able to understand the importance of "Connected World" for the society.

There was a discussion on the need of introducing Internet of Things in both B.Tech and BCA courses. It was clarified that B.Tech students shall undergo training in design, architecture and implementation, whereas, BCA students undergo training mainly with respect to applications and services of Internet of Things.

After the discussion, Dr. Gururaja suggested to change the nomenclature of the course to BCA (with Specialisation in Internet of Things and Services).

Eligibility Criteria : It was decided to take the eligibility criteria for admissions to this course shall be the same as the existing criteria in the UG Regulations of the University.

9. Renewable Energy as an Optional subject in B.Sc. (Physical Science)

Dr. Asha Rajiv presented the optional paper on Renewable energy which provides the students with knowledge in the field of solar energy, wind energy, tidal energy and biogas and so on. The B.Sc. (Physical Science) programme with optionals like Renewable Energy, Chemistry and Computer Science will help students deal with the technology and the chemistry behind the utilization of alternative / renewable energy resources.

The Chairman informed that the suggestions and feedback given by the members need to be incorporated in the Curriculum Matrix and Syllabus of these new programmes.

Members accorded approval for introduction of new courses proposed for the academic year 2017-18, subject to the incorporation of the suggested changes in the Curriculum Matrix / Syllabus.


Agenda item no. 4: Reporting Item :

There were no reporting items.

Agenda item no. 5: Any other matter:

- a) The Chairman informed the members that he is planning to go for NAAC reassessment shortly, as the appeal made in April, 2016 to NAAC Appeals Committee to review grade B, awarded to our University was deferred. The Self Study Report will be uploaded in the University website shortly.

At the end, the Registrar thanked the Chancellor, the Vice Chancellor, the Pro Vice Chancellor and all the members for their pro-active participation in the proceedings of this meeting.



Registrar
Jain University

23rd Meeting of the Academic Council

Saturday, 25th February 2017

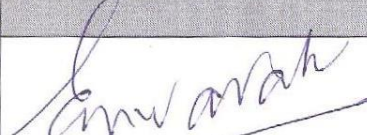
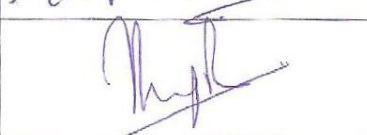
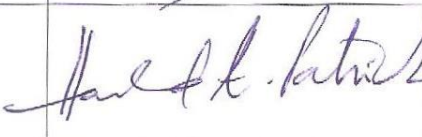
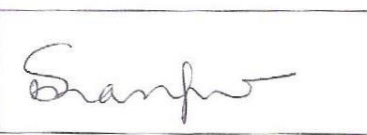
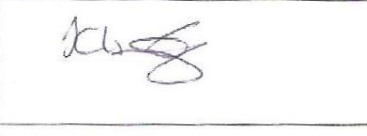
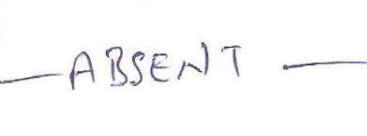
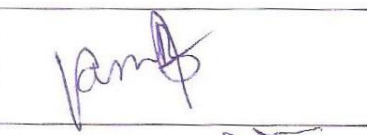

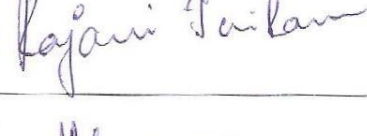
In the August Presence of Dr. C.G. Krishnadas Nair, Chancellor, JU

Sl	NAME	SIGNATURE
1	Dr. N. Sundararajan, Vice Chancellor, JU & Chairman, AC	<i>N. Sundararajan</i>
2	Dr. R. Natarajan, Former Chairman, AICTE and Former Director, IIT-M	— ABSENT —
3	Dr. J Gururaja, Former Adviser, Ministry New and Renewable Energy, GOI and Former Senior Adviser, United Nations, New York	<i>J. Gururaja</i>
4	Dr. M.J. Vinod, Professor, Department of Political Science, Bangalore University	<i>M.J. Vinod</i> 25/2/17
5	Mr. A.K. Vora, Former Director, Tata Consulting Engineers Ltd.	— ABSENT —
6	Mr. A. Srinivas Kumar, IA&AS (retd.) Adviser - Centre for Budget and Policy Studies	— ABSENT —
7	Dr. M.C. Radhakrishna, Professor (retd.) & Former Chairman, Dept of Physics, Bangalore University	<i>M.C. Radhakrishna</i> 25/2/17
8	Dr. Sandeep Shastri, Pro Vice Chancellor, JU	<i>Sandeep Shastri</i>
9	Dr. Mithileshwar Jha, Pro Vice Chancellor, JU	— ABSENT —
10	Prof. K.S. Shantamani, Chief Mentor, JGI	— ABSENT —
11	Dr. Jayagopal Uchil, Director, Academics and Planning, JU	<i>Jayagopal Uchil</i>

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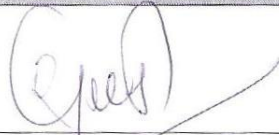
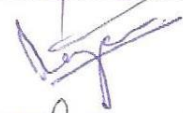
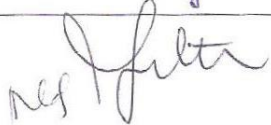
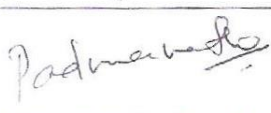

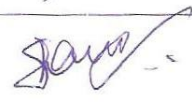
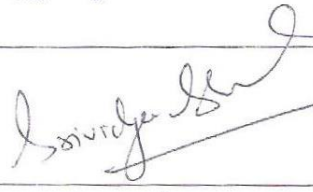

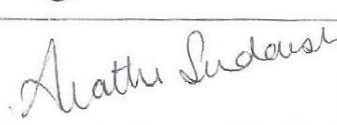
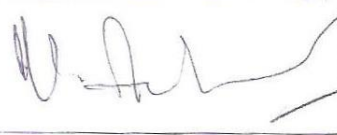
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23	Mr. Shankar UV, Director, Sports, JU	— ABSENT —

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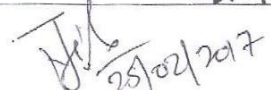
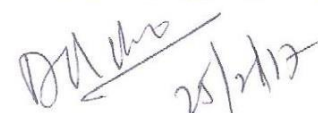
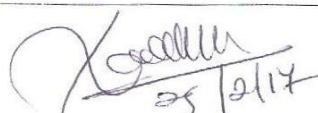
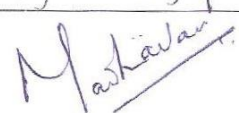
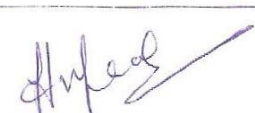
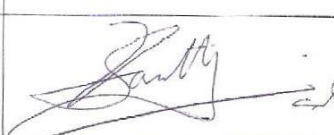
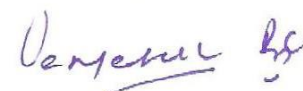
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33	Ms. Anitha Abraham, Department of Microbiology, SGS, JU	— ABSENT —
34	Prof. V. Achutha, Department of Computer Science, JU	
35	Capt. Rekha Sinha, Department of Interior Design, SGS, JU	— ABSENT —

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37	Prof. V. Parameswaran, Department of Aerospace Engineering, IIAEM, JU	
38	Dr. Benaka Prasad, Department of Basic Sciences, SET, JU	 25/2/17
39	Dr. Jitendra Mishra, Department of Management, MIME, JU	 25/02/2017
40	Dr. B.R. Rao, Department of Management, CMS B School, JU	 25/2/17
41	Dr. Rajdeep Manwani, Department of Commerce, JU	— ABSENT —
42	Dr. Xavier V.K., Department of PG Studies in Economics, CMS, JU	 25/2/17
43	Prof. S. Madhavan, Department of Mass Communication, CMS, JU	
44	Dr. H.N. Prakruthi, Department of English, SGS, JU	
45	Dr. Aravind Kumar, Department of Hindi, JU	— ABSENT —
46	Col. TNC Vijayasathay VSM, Department of Mind Management, JU	
47	Dr. B T Venkatesh, Advisor, Examinations Unit, JU	

23rd Meeting of the Academic Council

Saturday, 25th February 2017

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

Sl	NAME	SIGNATURE
48	Mr. M.S. Santhosh, Joint Registrar, JU	— ABSENT —
49	Mr. Udaya Kumar Soori, Deputy Registrar, JU	— ABSENT —
50	Mr. H.N. Manjunath, Chief Librarian, JU	— ABSENT —
51	Prof. N V H Krishnan, Registrar, JU & Member Secretary, AC	
52	Prof. Natarajan K A, Honorary Professor, Platinum Jubilee Fellow, Department of Materials Engineering, IISc (Special Invitee)	