

## **Minutes of the Twenty First Meeting of the Board of Management held on 18.12.2015**

Present:

Dr.R.Perumalsamy	Chairman
Dr.N.Chandrashekhar	Member
Dr.C.Ratnam Nadar	Member
Dr.A.Shajin Nargunam	Member
Dr.K.A.Janardhanan	Member
Dr.J.Amar Pratap Singh	Member
Dr.M.Sivapragash	Member
Dr.B.Krishnan	Member
Dr.J.R.Jeba	Member
Dr.S.Manickam	Secretary
Dr.S.Gopalakrishnan, COE	Special Invitee

The Vice-Chancellor and Chairman of the Board of Management welcomed all the Members of the Board of Management and briefed them about the important developments that had taken place since the last Meeting. Then the Meeting proceeded with the Agenda items.

### **Item No.21.1**

#### **Considered confirmation of the Minutes of the Twentieth Meeting of the Board of Management held on 22.07.2015**

**Resolved** that the Minutes of the Twentieth Meeting of the Board of Management held on 22.07.2015, be confirmed.

### **Item No.21.2**

#### **Considered the action taken on the Minutes of the Twentieth Meeting of the Board of Management held on 22.07.2015**

**Resolved** that the action taken report on the Minutes of the Twentieth Meeting of the Board of Management held on 22.07.2015, be recorded.

Resolved that the action taken to conduct a Special Convocation on 26.10.2015, to confer Degrees on 10 B.E. Marine Engineering students who cleared the University Examinations held in the month of September, 2015, be ratified.

**Item No.21.3**

**Considered the successful outcome of the NAAC assessment and accreditation process**

**Resolved** to congratulate all the faculty members and administrative staff of the University for having secured the highest grade, 'A' from NAAC and wholeheartedly acknowledge with immense gratitude, the leadership and support provided by the Chancellor and the Vice President of NICHE in this regard.

**Further resolved** that in order to ensure continual improvement in quality, the following be implemented from the academic year 2016-17:

- i) All those students admitted to First Year B.E./B.Tech. Programme with an average of 60% and above in Physics, Chemistry and Mathematics in the plus two examination be awarded merit scholarship @ 37.5% of the Tuition Fee and Academic Auxiliary Fee every year for all the four years of the B.E./B.Tech. Programme.
- ii) Besides good academic performance index, publication of atleast one paper in Journals listed in the SCOPUS Database / Web of Science/ Web of knowledge every year shall make the Assistant Professors eligible for annual increment. In the case of Associate Professors / Professors / Directors the minimum requirement for annual increment be two such papers every year. Further, each faculty member with doctoral degree shall submit at least one Project Proposal every year to the Funding agencies.
- iii) In addition to the monetary incentive at the prevailing rates for publication of papers to all the faculty members, the Principal Investigators of Funded Research Projects sanctioned hereafter be given a cash incentive equal to 50% of the overhead sanctioned by the Funding Agency as a part of the project grant.
- iv) Action plan be prepared for every co-curricular and extra-curricular activity, the progress be reviewed periodically and details be placed before the Board of Management then and there.

**Item No.21.4**

**Considered the the Annual Reports prepared for the Academic Years 2013-14 & 2014-15**

**Resolved** that the Annual Reports prepared by the Registrar for the academic years 2013-14 & 2014-15, be approved.

Further resolved –

(a) that a Committee consisting of the following members of the Board of Management be constituted to prepare the Annual Report for the year 2015-16:

1. Dr.C.Ratnam Nadar - Convener
2. Dr.M.Sivapragash - Member
3. Dr.J.R.Jeba - Member

(b) that the News Letter of the University be a Bi-monthly publication and the format of the News letter be modified and made attractive.

(c) that the practice of publishing Annual Magazine be revived.

**Item No.21.5**

**Considered the reports of Board of Examiners and the reports of the Public Viva-voce Boards for nine Ph.D. candidates**

**Resolved** that the reports of the Board of Examiners, who evaluated the Ph.D. theses and the Public Viva voce Boards, which conducted the public viva voce examinations for the following nine candidates, be approved.

Sl. No.	Name	Discipline	Title of the Thesis	Date of Viva-voce
1	Mr.E,Joseph Rubert	Management Studies	Performance Analysis of Nationalized banks and New Generation Banks - A Comparative Study	24.07.2015
2	Mr.Subramani Ramakrishnan	Management Studies	Crowd Sourcing in Information Technology Maintenance and Support Projects	22.08.2015

3	Mrs.J.E.Judith	Computer Science & Engg.	Efficient Hybrid Distributed Document Clustering Method for Large Datasets	10.09.2015
4	Mrs.V.Rajeswari	Electrical & Electronics Engg.	Investigation and Control of The Axes of Aircraft Using Linear Quadratic Regulator and Sliding Mode Controller	20.10.2015
5	Mrs.G.Lidwin Lucia	Mathematics	Optimization Analysis in Stochastic Models	27.10.2015
6	Mrs.M.V.Mini	Electrical & Electronics Engg.	Design and Implementation of an Intelligent Controller for a Buck Boost Converter	20.11.2015
7	Mr.K.Hari Ram	Mechanical Engg.	Processing and Chacterization of Natural Sisal Fiber Reinforced Hybrid Polymer Composites	07.12.2015
8	Mrs.M.Deepa Lakshmi	Computer Applications	A Flexible and Light-weight Hybrid Approach for Discovery of OWL-S Semantic Web Services	11.12.2015
9	Mrs.Suji Pramila.R	Computer Science Engg.	Secure Automated Patient Monitoring System	17.12.2015
10	Mr.K.Muthuvel	Electrical & Electronics Engg.	Classification of ECG Signals Using Feed Forward Neural Network with Hybrid ABC-GA Optimization	17.12.2015

**Further resolved** that each of the aforesaid nine candidates be declared to have qualified for the Degree of Doctor of Philosophy, in the discipline noted against his / her name.

**Item No.21.6**

**Considered ratification of the action taken to publish the results of the University Examinations held in May/June 2015**

**Resolved** that the action taken to publish the following results of the University Examinations held in May/June 2015 on the dates noted against each, be ratified:

Sl.No	Semester & Course	Date of Publication of Result
1	U.G.Supplementary Examinations	23.07.2015

2	S2, S4, S6 – B.E./B.Tech	25.07.2015
3	S2, S4 – M.E/M.Tech/MBA/MCA/M.Sc. (Software)	25.07.2015
4	S6 and S8 – M.Sc. (Software)	25.07.2015
5	U.G. Revaluation Results (Course completed Students)	10.08.2015
6	S2 – M.Phil	20.08.2015
7	S8 - Marine	23.09.2015
8	Ph.D – Course work	28.09.2015

**Item No.21.7**

**Considered ratification of the action taken to organize  
a DST sponsored INSPIRE Internship Science Camp during 08–12 October 2015**

**Resolved** that the action taken to organize the DST sponsored INSPIRE Internship Science Camp for the seventh time in the University during 08–12 October 2015, be ratified.

**Item No.21.8**

**Considered ratification of the action taken by the Department of Mechanical Engineering to  
organize a Three day Faculty Development Programme on “Art and Skill of Writing  
Project Report and Publishing Journal Papers” on 16-18 Dec. 2015**

**Resolved** that the action taken by the Department of Mechanical Engineering to organize a 3 day Faculty Development Programme on “Art and Skill of Writing Project Report and Publishing Journal Papers” on 16-18 Dec. 2015, be ratified.

**Item No.21.9**

**Considered the steps taken to file applications for Patents**

**Resolved** that the appreciation of the Board of Management, for the efforts taken by Dr.J.Joseph, Associate Professor, Department of Chemistry, to file the following Applications for Patents, be placed on record.

**Applications for Patents filed during October / November 2015**

Sl No	Name of the Applicant	Title	Date of filing	Application No.
1	Mr.S.Gopalakrishnan A.P., Nanotechnology	Enhancement of Graphene Oxide Photoluminescence by Novel BI-layered Structure	15.10.2015	5508/CHE/2015
2	Dr.M.Devanand Prof.,Mechanical Engg.	Hybrid Wind Solar Domestic Power Supply System	19.10.2015	5593/CHE/2015
3	Dr.M.Devanand Prof.,Mechanical Engg	Development Radiotherapy Gadget-Contour Plotter	19.10.2015	5591/CHE/2015
4	Dr.M.Devanand Prof.,Mechanical Engg	Modular Reconfiguration Safety Robot	19.10.2015	5599/CHE/2015
5	Dr.M.Devanand Prof.,Mechanical Engg	Innovative Gasifier Design	19.10.2015	5606/CHE/2015
6	Dr.M.Devanand Prof.,Mechanical Engg	Development Radiotherapy Gadget-Styrofoam Cutter	19.10.2015	5607/CHE/2015
7	Dr.M.Devanand Prof.,Mechanical Engg	Development Radiotherapy Gadget-Beam Direction	19.10.2015	5608/CHE/2015
8	Dr.M.Devanand Prof.,Mechanical Engg	Abrasive, Magnetic Field and Ultrasonic Vibration Assisted Micro-AMP for Electro Chemical Machining	19.10.2015	5610/CHE/2015
9	Dr.L.Padma Suresh Prof., EEE	Linear Quadratic Regulator and Sliding Mode Control to Control Pitch, Roll and Yaw of the Air	19.10.2015	5604/CHE/2015
10	Dr.L.Padma Suresh Prof., EEE	Bacterial Foraging Based Tuned PI Controller for Buck-Boost Converter	19.10.2015	5594/CHE/2015
11	Dr.L.Padma Suresh Prof., EEE	Novel Random Frequency Inverted Sine Carrier PWM for Three Phase Voltage Source Inverter	19.10.2015	5598/CHE/2015
12	Dr.I.Jacob Raglend Prof. EEE	Design of an X-Band Antenna Model for Radar Applications	19.10.2015	5592/CHE/2015
13	Dr.I.Jacob Raglend Prof. EEE	Conical Rotor Induction Generator for Enhanced Wind Power Performance	19.10.2015	5597/CHE/2015
14	Dr.K.A.Janardhanan Prof. Management	Innovative SCM Model for Agro Products	19.10.2015	5595/CHE/2015
15	Dr.M.Sivapragash Prof.Mechanical Engg	Development and Characterization of Micro and Nano Powder Bamboo Fiber Reinforced Polymer Composites	19.10.2015	5596/CHE/2015

16	Dr.M.Sivapragash Prof.Mechanical Engg	Development Characterization of AZ31B/5SIC Magnesium Composite	19.10.2015	5616/CHE/2015
17	Dr.A.Shajin Nargunam Prof. CSE	Cloud Based Hybrid Processor Pool Architecture for Sustaining Green Computing	19.10.2015	5613/CHE/2015
18	Dr.A.Shajin Nargunam Prof. CSE	Satellite Based Wireless Sensor Networks for Environmental Monitoring Applications	19.10.2015	5612/CHE/2015
19	Dr.J.Dheebe Asso. Prof. CSE	Intelligent Expert System for Breast Cancer Diagnosis Based on Wavelet Neural Network	19.10.2015	5611/CHE/2015
20	Mrs.M.Sirajul Muneera, A.P., Chemistry	Electrofluorescent Properties of Copper Complex of Pyrazoline Derivatives	28.10.2015	5783/CHE/2015
21	Dr.R.S.Shaji Prof., I.T.	Robust Defense Mechanisam for Securing Cyber Physical System Components in Cyber Warfare	28.10.2015	5781/CHE/2015
22	Dr.A.Shajin Nargunam Prof. CSE	Trusted Computing Based Security Architecture for Mobile Cloud Computing	28.10.2015	5779/CHE/2015
23	Dr.M.Murugan Asso. Prof. Biomedical Engg.	Smart Food Feeder for Stroke / Coma / Elderly Bedridden Patients	28.10.2015	5786/CHE/2015
24	Mrs.T.M.Shamila A.P. Chemistry	Effective Fluorescent Property of Indole Substituted Pyrazoline Derivative	28.10.2015	5804/CHE/2015
25	Mr.A.Suman Research Scholar Chemistry	Antioxidant Activities of Copper Complex of 2-Aminobenzoimidazole Derivative	02.11.2015	5906/CHE/2015
26	Mrs.Nisha Balakrishnan Research Scholar Chemistry	Optoelectronic Applications of Copper Complex of Phenylhydrazine Derivative	02.11.2015	5905/CHE/2015
27	Dr.R.S.Shaji Prof. I.T.	A Novel Mobile Alert Architecture for Secure Data Communication	02.11.2015	5904/CHE/2015
28	Dr.R.S.Shaji Prof. I.T.	Genetic Approach Based Outlier Detection in Patient Information Database	02.11.2015	5903/CHE/2015
29	Dr.R.S.Shaji Prof. I.T.	Communication Channel Key Organizer for Enhancing Cloud Security	02.11.2015	5902/CHE/2015

**Item No.21.10**

**Considered ratification of the action taken by the Department of Civil Engineering to organize an International Conference on “Spatial Developments in Engineering, Science & Humanities - ICSE-2015” on 15<sup>th</sup> October 2015**

**Resolved** that the action taken by the Department of Civil Engineering, to organize an International Conference on “Spatial Developments in Engineering, Science & Humanities - ICSE-2015”, on 15<sup>th</sup> October 2015, be ratified.

**Item No.21.11**

**Considered ratification of the action taken by the Department of Electronics & Instrumentation Engineering to organize an International Conference on Control, Instrumentation, Communication and Computational Technologies-2015 (ICCICCT-2015) on 18-19 December 2015**

**Resolved** that the action taken by the Department of Electronics & Instrumentation Engineering to organize an “International Conference on Control, Instrumentation, Communication and Computational Technologies-2015 (ICCICCT-2015)” sponsored by IEEE India Circuits and Systems Society Chapter & IEEE India Solid State Circuits Society Chapter, on 18-19 December 2015, be ratified.

**Item No.21.12**

**Considered the proposal of the Department of Human Resource Management to Organize an International Conference on Innovative Trends in Engineering, Science and Management (NICESM-2016) on 28–29 January 2016**

**Resolved** that the proposal of the Department of Human Resource Management, to Organize an *International Conference on Innovative Trends in Engineering, Science and Management (NICESM-2016)* on 28–29 January 2016, be approved.

**Item No.21.13**

**Considered the proposal of the Department of Electrical & Electronics Engineering to organize two International Conferences in February & March 2016**

**Resolved** that the proposal of the Department of Electrical & Electronics Engineering to



organize “**Springer International Conference on Soft Computing System (ICSCS-2016)**” on 19-20 February 2016 and another “**International Conference on Circuits, Power and Computing Technologies (ICCPCT-2016)**”, technically sponsored by IEEE (EDS-Chapter) on 18-19 March 2016, be approved.

**Item No.21.14**

**Considered ratification of the action taken to serve as a Remote Centre for the Ten day online ISTE Short Term Training Programme on Engineering Physics from 8<sup>th</sup> to 18<sup>th</sup> December 2015**

**Resolved** that the action taken to serve as a Remote Centre for the Ten day online ISTE Short Term Training Programme on **Engineering Physics** from 8<sup>th</sup> to 18<sup>th</sup> December 2015, be ratified.

**Item No.21.15**

**Considered ratification of the action taken by the Department of Software Engineering to organize a Five day Faculty Development Programme on Database Design and Programming with SQL in association with ICTACT on 23-27 November 2015**

**Resolved** that the action taken by the Department of Software Engineering to organize a Five day Faculty Development Programme on **Database Design and Programming with SQL** in association with ICTACT on 23-27 November 2015, be ratified.

**Item No.21.16**

**Considered the proposal of the Department of Information Technology to organize a two day Workshop on Core Java-Phase-II on 21-22 January 2016**

**Resolved** that the proposal of Dr.S.Palanikumar, Associate Professor, Department of Information Technology to organize a two day **Workshop on Core Java-Phase-II** on 21-22 January 2016, be approved.

**Item No.21.17**

**Considered the proposal of the Department of Biomedical Engineering to introduce M.Sc. and M.Phil. Courses in Human Genetics and Molecular Biology from the academic year 2016-17**

**Resolved** that the proposal of the Department of Biomedical Engineering to introduce

**M.Sc. and M.Phil. Courses in Human Genetics and Molecular Biology** from the academic year 2016-17, be approved.

**Item No.21.18**

**Considered the proposal to rename the Centre for Disaster Management as Centre for Inter-disciplinary Studies in Engineering, Technology and Management**

**Resolved** that the proposal to rename the Centre for Disaster Management, as the Centre for Inter-disciplinary Research in Engineering, Technology & Management, be approved.

**Item No.21.19**

**Considered ratification of the action taken to remit the Membership fees to the International Association of Universities (IAU) and Association of Indian Universities (AIU) for the year 2015-16**

**Resolved** that the action taken to remit the Membership fees, to the International Association of Universities (IAU) and Association of Indian Universities (AIU) for the year 2015-16, be ratified.

**Item No.21.20**

**Considered the Award of Outstanding Reviewer Status by two Elsevier Journals to Dr.S.Balamurugan of NICHE**

**Resolved** to place on record the appreciation of the Board of Management to Dr.S.Balamurugan, Associate Professor, Department of nanotechnology, for having been awarded Outstanding Reviewer Status by two Elsevier Journals viz. ‘**Materials Research Bulletin**’, and ‘**Materials Letters**’ from Amsterdam, The Netherlands.

**REGISTRAR**

**VICE-CHANCELLOR**



