

**R.V. COLLEGE OF ENGINEERING, Bengaluru-59.**  
(Autonomous Institution affiliated to VTU)

**Proceedings of 17<sup>th</sup> Governing Body Meeting held on 19<sup>th</sup> Jan. 2016**

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**Members Present:**

- 1) Dr. M.K. Panduranga Setty - Chairman
- 2) Sri. N.R. Panditharadhya
- 3) Sri. A.V.S. Murthy
- 4) Prof. K.N. Raja Rao
- 5) Prof. S. Jagannathan
- 6) Dr. D.H. Rao – VTU Nominee
- 7) Dr. Pundarika G. Naik – State Govt. Nominee
- 8) Dr. K.N. Subramanya – Member Secretary

**Leave of Absence:**

- (1) Mrs. Mamtarani Agarwal – UGC Nominee
- (2) Dr. U. Ramesh – AICTE Nominee
- (3) Sri. K.G. Subbarama Setty – Hon. Treasurer, RSST
- (4) Sri. D.P. Nagaraj – Hon. Jt. Secretary, RSST
- (5) Sri. M.P. Vikram – Industrialist

**Proceedings:**

At the outset, the Chairman welcomed all the members.

**Sub No. 125: To Read and record the minutes of 15<sup>th</sup> and 16<sup>th</sup> GB meetings held on 29<sup>th</sup> June 2015 & 15.10.2015 (By Circulation) and inform about the action taken.**

The Member Secretary read the proceedings of the 15<sup>th</sup> & 16<sup>th</sup> Governing Body Meeting held on 20<sup>th</sup> June 2015 & 5<sup>th</sup> Oct. 2015 (by circulation) and the Action Taken Report.

Dr. D.H. Rao enquired about the outcome of visits of various groups to other institutions. Prof. K.N. Raja Rao clarified that the institution is in the process of signing MoUs with various Universities / Academic institutions and laboratories for joint collaborations including faculty exchange programmes, research and consultancy, patents and executing funded projects.

**Decision:**

The proceedings and Action Taken Report were read and recorded. **(Annex. 1)**

**Sub. No. 126:**

**(A) Welcome & Introduction of New Governing Body Members.**

The Member Secretary informed the members that the UGC, VTU and AICTE have nominated its members on the Governing Body of RVCE. The list of nominated members are as under.

1	UGC Nominee (term: 2015 – 2021)	Mrs. Mamta Rani Agarwal Joint Secretary University Grants Commission Bahadur Shah Zafar Narg, New Delhi – 110 002. Office No: 011-23232568 M: 09811100488 mamtaraniagarwal.ugc@gov.in
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2	AICTE Nominee (Term: 2015 – 2017)	Dr. U. Ramesh, Regional Director, AICTE South West Regional office Health Centre Building Bangalore University Campus Bangalore 560 009. Ph: 080-22205919 e-mail: aictebangalore@gmail.com
3	State Government Nominee (Term: 2015 – 2017)	Dr. Pundarika G. Naik Principal, Govt. College of Engg., Doddamannina Gudde, Near Janapadaloka, B.M. Road, Ramanagara – 562159. e-mail: gpkbms@gmail.com / principal@gecramanagara.ac.in M: 9448411274
4	VTU Nominee (term: 2015 – 2017)	Dr. D.H. Rao Dean, Skill & Research Development, S.G. Balekundri Inst. of Technology, Shivabasava Nagar, Belagavi – 590010. M: 9972040344 e-mail: dr.raodh@gmail.com

The external members were introduced to the other members.

***(B) Information regarding appointment of New Members for Board of Appointments / Academic Council / Board of Studies (Nominated by Visvesvaraya Technology University)***

The Member Secretary informed the Governing Body that VTU has nominated its members on the Board of Appointments, Academic Council and Board of Studies of RVCE. **(Annex. 2)**

***(C) Activities of RVCE:***

The Member Secretary highlighted the achievements of RVCE to the Governing Body Members. The members congratulated all the faculty and students for their achievements. **(Annex. 3)**

***(D) Application for Continuation / Permanent / Temporary / Extension of Temporary Affiliation of UG & PG Programs / Continuation of Affiliation of Research Centre – Application submitted to VTU, Belagavi.***

The Member Secretary briefed the members that the institution has submitted application to the University for Continuation / Permanent / Temporary / Extension of Temporary affiliation of UG & PG Programs / Continuation of Affiliation of Research Centre. **(Annex. 4)**

***(E) Appointment of Faculty & Support Staff in place 15 faculty and 06 non- Teaching who left or superannuated***

The Member Secretary presented the list of faculty and support staff appointed during the period Jul. 2015 – Dec. 2015. **(Annex. 5).**

Dr. Pundarika enquired about confidential report of faculty. The Member Secretary clarified that, the institution has set a procedure to obtain faculty feedback from the respective Head of the Dept.

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***(F) Result Analysis of B.E. / B.Arch. Dec. 2015 examinations***

The Member Secretary highlighted about the Result Analysis of B.E. / B.Arch Dec. 2015 examinations. **(Annex. 6)**

Dr. D.H. Rao suggested to provide percentage of result in the analysis report. The Member Secretary informed that, the suggestion will be taken care while projecting the result analysis in future.

***(G) TEQIP activities during July'15 to Dec. 15.***

Prof. K.N. Raja Rao, highlighted the TEQIP activities of RVCE during Jul. 2015 to Dec. 2015. **(Annex. 7).**

***Sub. No. 127: NBA – Application for Re-Accreditation of UG Programs as per new Tier-1 format. Accreditation of 4 UG programs as per new Tier-1 format.***

The Member Secretary briefed the members that, the institution has applied for re-accreditation of UG programs as per Tier-1 format. **(Annex. 8)**

***Sub. No. 128: Autonomous Status for PG Programs.***

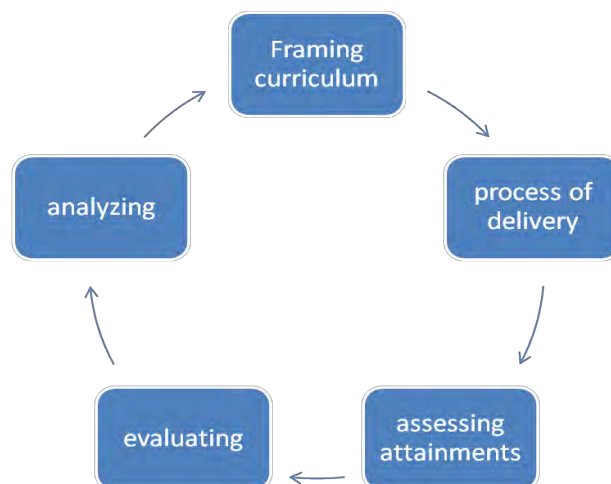
The Member Secretary briefed the members about autonomous status for PG programs **(Annex. 9)**. He informed the external experts that, VTU has accorded autonomy approval to only for UG programs. Dr. D.H. Rao informed that, VTU has granted extension of autonomous status to the institution including PG programs.

Dr. Pundarika opined that RVCE has state of the art facilities compared to other institutions and it deserves autonomous status for all its programs.

Dr. D.H. Rao suggested that, the Principal / its nominee could meet the Registrar of VTU along with all the relevant documents to sort out the issue of PG autonomy. Dr. Pundarika also suggested that, if any issues pending in the state Govt. he would appraise the Govt. to sort it out.

***Sub. No. 129: Approval for 2016 Scheme & Syllabus Revision***

The Member Secretary briefed the members about 2016 scheme and syllabus revision and sought approval for the same. The following action has been taken as per the process:



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The Chairman of BoS are required to collect feedback from students, alumni, faculty and Recruiters about the courses and revise the Lesson Plan based on the feedback collected from all the stakeholders. The respective BoS chairman are required to look into plan for Self study / experiential learning and implement the same. The course material have to be circulated among students for better understanding of the subject and also to prepare well for the examinations. Pre-Requisites have to be mentioned in the Global Electives, for better understanding of the subject.

***Decision:***

The Governing Body approved the proposal for revision of 2016 scheme and syllabus of UG & PG programs.

***Sub. No. 130: Approval of the Guidelines for patent processing that includes sharing of Royalties between the Patent holder and the Institution, reimbursement of charges for the already filed patents application and further financial support for patent applicants. Formulation of Policy for Patent Assignment Agreement.***

The Member Secretary briefed the members about the Guidelines for Patent Processing (**Annex. 10**).

Dr. Pundarika enquired whether the institution has adopted a policy to share the royalty amount between the Patent Holder and the Institution.

Prof. Raja Rao clarified that the institution has made a policy based on IISc model w.r.t. sharing of royalty between Innovator(s), RVCE and Department in the ratio of 40: 40: 20% respectively.

Dr. D.H. Rao suggested to obtain feedback from the faculty before introducing patent sharing.

***Resolution:***

***The Governing Body has endorsed its approval for the Guidelines for patent processing & sharing of royalties between the inventor and RVCE.***

***Sub No. 131: Discussion and approval of Strategic Planning document and Good Governance.***

The Member Secretary informed the members that, as per TEQIP norms the institution has prepared the Strategic Planning & Good Governance Document.

Prof. Raja Rao informed that the document has been prepared taking inputs from IQAC members and other stake holders.

The members opined that, the document could be circulated to all the Governing Body Members for their perusal and suggestions.

***Resolution:***

***The Governing Body has endorsed its approval for the Strategic Planning Document Good Governance.***

**Sub No. 132: Approvals under TEQIP-II Subcomponent 1.2**

Prof. Raja Rao briefed the TEQIP-II proposals for approval.

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**(i) Enhancement of R&D and Institutional consultancy activities:**

- (a) Approval to organize a National Conference in the area of **IoE (Internet of Everything)** during 17<sup>th</sup> to 19<sup>th</sup> May 2016 with an estimated expenditure of Rs. 5,00,000/-.

**Resolution:** The Governing Body approved the proposal to organize a National Conference on IoE during 17<sup>th</sup> to 19<sup>th</sup> May 2016 and approved the budget to the tune of Rs. 5,00,000/-.

- (b) Approval for reimbursement of expenditure to the students to the tune of Rs. 8000/- incurred in connection with procurement of the components for their project entitled "**Intelligent Parking System**" guided by Mr. Raghavendra Prasad S G. of ISE department.

1. Nithin Kumar
2. Abhijith S
3. Shruthi Jajoo

**Resolution:** The Governing Body approved the reimbursement of expenditure to the 3 students viz. Nithin Kumar, Abhijith S and Shruthi Jajoo, to tune of Rs. 8,000/- incurred in connection with procurement of the components for the project entitled "Intelligent Parking System".

- (c) Approval for release of seed money of Rs.36,200/- to the students to procure the components for their projects entitled "**Micro Mouse Robot**" guided by Dr. A. Sreedevi and Dr. Anupama Prakash of EEE Department.

- |                       |                    |
|-----------------------|--------------------|
| 1) Mr. Arvind S       | 2) Mr. Akshay R    |
| 3) Mr. Abhishek Kumar | 4) Mr. Avinash D S |

**Resolution:** The GB endorsed its approval to release seed money to the tune of Rs. 36,200/- to the four students viz. Arvind S, Abhishek Kumar, Akshay R and Avinash D.S, to procure components for the project entitled "Micro Mouse Robot".

- (d) Approval for release of seed money of Rs. 10,000/- to the students to procure components for their project entitled "**Buoyancy Lamp**" guided by Dr. M. Uttarakumari of ECE Department

- 1) Mr.T.V.Sridharan
- 2) Mr.Ankur Bodhe

**Resolution:** The GB endorsed its approval to release seed money of Rs. 10,000/- to two students viz. T.V. Sridharan and Ankur Bodhe, to procure components for the project entitled "Buoyancy Lamp".

**(ii) Enhanced interaction with Industry:**

- (a) Approval for conduction of a one day workshop on "**Make in India – Prospects and Paths**" on 30<sup>th</sup> January 2016 with an estimated expenditure Rs. 60,000/-.

**Resolution:** The Governing Body endorsed its approval for conduction of a one day workshop on "Make in India – Prospects and Paths" on 30-1-16, at an estimated expenditure of Rs. 60,000/-.

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- (b) Approval to organize a workshop on the Enhancing learning and governance through Digital India initiation during 3<sup>rd</sup> week of April 2016 at an estimated cost of Rs. 2,50,000/-.

**Resolution:** The GB endorsed its approval to organize a workshop on “Enhancing Learning and Governance through Digital India initiation” during 3<sup>rd</sup> week of Apr. 2016 at an estimated cost of Rs. 2,50,000/-.

**(iii) Academic Support to Weak Students:**

- (a) Approval to organize a “Industry Institution interaction to enhance employability of PG students”, in coordination with other TEQIP institutions on 5<sup>th</sup> February 2016 with an estimated expenditure of Rs. 2,00,000/-.

**Resolution:** The GB endorsed its approval to organize Industry-Institute Interaction to enhance employability of PG students” on 5<sup>th</sup> Feb. 2016 at an estimated cost of Rs. 2,00,000/-.

- (b) Remuneration for remedial classes and bridge courses in different programs to the tune of Rs.1,00,000/-.

**Resolution:** The GB approved the proposal of remuneration for remedial classes and bridge courses in different programs to the tune of Rs. 1,00,000/-.

**(iv) Incremental Operating Cost (IOC):**

- (a) Approval for release of a sum of Rs. 3000/- for procuring one copy of reputed Inderscience Publishers Journal (International Journal of Business Performance and Supply Chain Modeling Vol.5, No.4, 2013) hardcopy in which the paper entitled “*Performance Measurement System of Supply Chain – an Empirical Study*” written by Prof.A.Ramaa, Prof.K.N.Subramanya & Prof.T.M.Rangaswamy has been published.

**Resolution:** The Governing Body endorsed its approval to release a sum of Rs. 3000/- for procuring a copy of Inderscience Publishers Journal (International Journal of Business Performance and Supply Chain Modeling Vol.5, No.4, 2013).

- (b) Approval for release a sum of Rs. 3000/- for procuring one copy of the reputed Inderscience Publishers Journal (International Journal of Industrial & Systems Engineering Vol. 19, No.3, 2015) hardcopy in which the paper entitled “*Simulation Modeling of Call Flow Process Delays in a Cellular Networks*” written by Prof.N.S.Narahari, Prof.K.N.Subramanya & Prof.A.Ramaa has been published.

**Resolution:** The Governing Body endorsed its approval to release a sum of Rs. 3000/- for procuring a copy of Inderscience Publishers Journal (International Journal of Industrial & Systems Engineering Vol. 19, No.3, 2015).

**Sub No. 133: Approvals under TEQIP-II Sub-component 1.2.1 (Centre of Excellence)**

**(i) Assistantship:**

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- (a) Approval for the release of Rs.20,800/- p.m. as research assistantship to Mr. Nagesh M, Research Assistant in the CoE laboratory till the end of the TEQIP 1.2.1 project.

**Resolution:** The Governing Body endorsed its approval for release of Rs. 20,800/- p.m. as Research Assistantship to Mr. Nagesh M – Research Assistant in the CoE lab. till the end of the TEQIP 1.2.1 project.

**(ii) Faculty & Staff Development(Enhancing research competence of faculty and knowledge sharing in thematic areas, both within India and Abroad):**

- (a) Approval for organizing one week workshop on “*Design & Validation of VLSI Circuits using Synopsis*” during February 2016 with an estimated expenditure of Rs. 2,50,000/-

**Resolution:** The GB endorsed its approval for organizing one week workshop on “Design & Validation of VLSI Circuits using Synopsis” during Feb. 2016 at an estimated cost of Rs. 2,50,000/-.

- (b) Approval for release of seed money to the tune of Rs. 70,000/- for carrying out the Research work entitled “*Biological Method of detection of stress and development of stress sensor*” by Mrs. Rajeswari & Mr. Praveen Kumar Gupta.

**Resolution:** The GB endorsed its approval for release of Seed Money to the tune of Rs.70,000/- for carrying out the research project entitled “Biological Method of detection of stress and development of stress sensor” by Mrs. Rajeshwari and Mr. Praveen Kumar Gupta.

- (c) Approval for conduction of 2<sup>nd</sup> International Conference on “*Large Area Flexible Micro Electronics & Materials – ILAFM-2016*” during 4-5 August 2016 with an estimated expenditure of Rs. 15,00,000/-.

**Resolution:** The GB endorsed its approval for 2<sup>nd</sup> International Conference on “*Large Area Flexible Micro Electronics & Materials – ILAFM-2016*” during 4-5 August 2016 with an estimated expenditure of Rs. 15,00,000/-.

- (d) Approval for conduction of a National Conference on “*Energy & Materials*” during 4-5 June 2016 with an estimated expenditure of Rs. 4,00,000/-

**Resolution:** The GB endorsed its approval for conduction of a National Conference on “Energy & Materials” during 4<sup>th</sup> & 5<sup>th</sup> June 2016, at an estimated cost of Rs.4,00,000/-.

**(iii) Enhancement of R&D and Institutional Consultancy activities:**

- (a) Approval for Characterization of samples of R&D projects to the tune of Rs.2,00,000/-.

**Resolution:** The GB endorsed its approval for characterization of samples of R&D projects to the tune of Rs. 2,00,000/-.

- (b) Visit for Networking with Industries and Reputed institutions by three research groups in Materials, polymers and fabrication groups to the tune of Rs.6,00,000/-

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**Resolution:** The GB endorsed its approval for visit of three research groups - Materials, Polymers and Fabrication groups, towards networking with industries and reputed institutions, to the tune of Rs. 6,00,000/-.

- (c) Patenting and Commercialization of ten projects and three research projects respectively at a cost of Rs.4,00,000/-.

**Resolution:** The GB endorsed its approval for Patenting and Commercialization of 10 projects and three research projects at a cost of Rs. 4,00,000/-.

- (d) Approval for prototype development and commercialization of:

- (i) Approval for reimbursement of expenditure to the students to the tune of Rs. 15,250/- incurred in connection with procurement of the components for their project entitled “**Intelligent Irrigation**” under the guidance of Mrs. Chethana G. of ECE department.

1. Abhishek U Karanth
2. Amith B V
3. Kiran Kumar D M

**Resolution:** The GB endorsed its approval for reimbursement of expenditure to the tune of Rs. 15,250/- to Mr. Abhishek U Karanth, Amith B V and Kiran Kumar D M, incurred in connection with procurement of components for the project entitled “Intelligent Irrigation”.

- (ii) Approval for reimbursement of expenditure to the students to the tune of Rs. 37,950/- incurred in connection with procurement of the components for their project entitled “**Real time Water Quality Monitoring System**” guided by Mr. Ravishankar Holla. of ECE department.

1. G Terry Larsen
2. Nivedita S B
3. Yeshwanth K

**Resolution:** The GB endorsed its approval for reimbursement of expenditure to the tune of Rs. 37,950/- to Mr. G Terry Larsen, Nivedita S B and Yeshwanth K, incurred in connection with procurement of the components for the project entitled “Real time Water Quality Monitoring System”.

- (e) Approval for reimbursing the cost of consumables for the following Technology transfer projects:

1. Rs. 6,000/- to procure components to the students for their project entitled “**Bionic Stickers on Plants for Pest Control in Agriculture**” guided by Dr. Minal Moharir of CSE Department.

**Resolution:** The GB endorsed its approval for reimbursement of Rs. 6,000/- incurred towards procurement of components for the project entitled “Bionic Stickers on Plants for Pest Control in Agriculture”.



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2. Rs. 8,050/- to procure components to the students for their project entitled “**UTHPAADA**” guided by Dr. Ravishankar Holla of ECE Department.

**Resolution:** The GB endorsed its approval for reimbursement of Rs. 8,050/- incurred towards procurement of components for the project entitled “UTHPAADA”.

3. Rs. 28,000/- to procure components to the students for their project entitled “**Stair climbing and obstacle crossing wheel chair**” guided by Mr. Abhay Deshpande of ECE Department.

**Resolution:** The GB endorsed its approval for reimbursement of Rs. 28,000/- incurred towards procurement of components for the project entitled “Stair climbing and obstacle crossing wheel chair”.

4. Rs. 25,000/- to procure components to the students for their project entitled “**Energy Harvesting by Renewable Sources for Driving Small Electrical Appliances**” guided by Mr. Arunkumar P. Chavan of ECE Department.

**Resolution:** The GB endorsed its approval for reimbursement of Rs. 25,000/- incurred towards procurement of components for the project entitled “Energy Harvesting by Renewable Sources for Driving Small Electrical Appliances”.

5. Rs. 7,900/- to procure components to the students for their project entitled “**Vision Controlled Wheel Chair**” guided by Dr. Geetha K S of ECE Department.

**Resolution:** The GB endorsed its approval for reimbursement of Rs. 7,900/- incurred towards procurement of components for the project entitled “Vision Controlled Wheel Chair”.

**(iv) Incremental Operating Cost (IOC):**

- (a) Approval for **procurement of consumables (Sputter Targets)** at an approximate expenditure of Rs. 2,50,000/-

**Resolution:** The GB endorsed its approval for procurement of consumables (Sputter Targets) at an estimated expenditure of Rs. 2,50,000/-.

- (b) Approval for **Renewal of Institutional Membership (Southern region)** of Confederation of Indian Industry (CII) for the period from 1.1.2016 to 31.12.2016. The subscription Amount is Rs. 17,175/-.

**Resolution:** The GB endorsed its approval for renewal of Institutional Membership (Southern Region) of CII for the period from 1.1.16 to 31.12.16, to the tune of Rs, 17,175/- towards subscription fee.

**For Ratification**

**Sub. No. 134: Ratifications under TEQIP-II Subcomponent 1.2**

**(i) Research Assistantship:**

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- (a) Ratification of release of assistantship to the following integrated Ph.D.students @ Rs.10,000/- p.m. with effect from 1.11.2015. (in the 15<sup>th</sup> GB under Sub.114© approval has been given for 4 students).

1. Ms. Pooja R., USN 1RV13BBI12, Biotechnology
2. Ms. Akshatha Prasanna, 1RV13BBI01, Biotechnology
3. Ms. P. Padmavathi, 1RV13BBI11, Biotechnology
4. Ms. Suchithra V, 1RV13BBI16, Biotechnology
5. Mr. Ashik K P, 1RV13MPD02, Mechanical.

**Resolution:** The GB ratified the expenses incurred in connection with release of the assistantship @ Rs. 10,000/- pm. per student w.e.f. 1.11.2015.

**(ii) Enhancement of R&D and Institutional Consultancy activities:**

- (a) Ratification of the expenses incurred in connection with presenting a paper by Dr. S.Ravishankar entitled "***A Two Step Hybrid Method for Loop Topology Estimation of Two Wire and Power Lines***" at IEEE International Conference on "Computing & Network Communications-(CoCoNet-2015) at Techno park, Trivandrum Kerala at total cost of Rs.37,527/-. This was approved in the Research Advisory Committee.

**Resolution:** The GB ratified the expenses of rs. 37,527/- incurred in connection with presenting a paper by Dr. S.Ravishankar entitled "***A Two Step Hybrid Method for Loop Topology Estimation of Two Wire and Power Lines***" at IEEE International Conference on "Computing & Network Communications-(CoCoNet-2015) at Techno park, Trivandrum Kerala.

- (b) Ratification of the expenses incurred by Smt. K.A.Nethravathi in connection with attending an IEEE International Conference on "***Computing & Network Communications-(CoCoNet-2015)***" at Techno park, Trivandrum Kerala at total cost of Rs. 31,031/-. This was approved in the Research Advisory Committee.

**Resolution:** The GB ratified the expenses of 31,031/- incurred in connection with attending an IEEE International Conference on "***Computing & Network Communications-(CoCoNet-2015)***" at Techno park, Trivandrum Kerala

- (c) Ratification of Expenses incurred to the tune of Rs. 29,050/- by Dr.Shanmukha Nagaraj in connection with attending a TEQIP-II Sponsored Workshop on "***Simulation based Engineering Science Approach: A scientific approach to Engineerin***" at IIT, Delhi.

**Resolution:** The GB ratified the expenses of 29,050/- incurred by Dr.Shanmukha Nagaraj in connection with attending a TEQIP-II Sponsored Workshop on "***Simulation based Engineering Science Approach: A scientific approach to Engineerin***" at IIT, Delhi.

- (d) Ratification of expenses to the tune of Rs.12,412/- incurred in connection with procurement of components and consumable to the following students for their project entitled "***PIC microcontroller based irrigation automation using GSM module***" guided by Dr.Dinesh M.N.

1. Deepak K
2. Sthitapradyna
3. M.S.Shreedhar
4. Mahesh Kurkunikar

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**Resolution:** The GB ratified the expenses of Rs. 12,412/- incurred by the four students namely Deepak K, Mr. Sthitapradyna, M.S.Shreedhar, and Mahesh Kurkunikar under the guidance of Dr.Dinesh M.N. for procurement of components and consumable for their project entitled “*PIC microcontroller based irrigation automation using GSM module*”.

- (e) Ratification of expenses to the tune of Rs.5508/- incurred in connection with procurement of components and consumable to the following students for their project entitled “*Smart Container for Kitchen*” guided by Mr. C.Suresh.

1. Ankit Kumar
2. Samarth Setia
3. Siddharth Vaish
4. Ayush Godara

**Resolution:** The GB ratified the expenses of Rs. 5508/- incurred by the four students namely Ankit Kumar, Samarth Setia, Siddharth Vaish and Ayush Godara under the guidance of Mr. C.Suresh for procurement of components and consumable for their project entitled “*Smart Container for Kitchen*”

- (f) Ratification of expenses to the tune of Rs.4229/- incurred in connection with procurement of components and consumable to the following students for their project entitled “*Prediction of Muscle fatigue using sEMG signals*” guided by Mr. C.Suresh

1. Anu Siriyal
2. Mukund Srinath
3. Pankajashree R
4. Parul Umesh Tipri

**Resolution:** The GB ratified the expenses of Rs. 4229/- incurred by the four students namely Anu Siriyal, Mukund Srinath, Pankajashree R and Parul Umesh Tipri guided by Mr.C.Suresh for procurement of components and consumable for their project entitled “*Prediction of Muscle fatigue using sEMG signals*”

- (g) Ratification of expenses to the tune of Rs.5033/- incurred in connection with procurement of components and consumable to the following students for their project entitled “*Sythesis & Characterization of Aluminum Doped zinc oxide thin films for CO gas sensing*” guided by Mr. Shivaraj B W, N G Pavan Kumar Reddy

**Resolution:** The GB ratified the expenses of Rs. 5033/- incurred by N G Pavan Kumar Reddy guided by Mr.Shivaraj B W for procurement of components and consumable for their project entitled “*Sythesis & Characterization of Aluminum Doped zinc oxide thin films for CO gas sensing*”

- (h) Ratification of the expenses to the tune of Rs. 6606/- incurred in connection with procurement of the components to the following students for their project entitled “*Automatic Railway Gate Control System*” guided by Anupama Prakash of EEE department.

1. Mahantesh M D
2. Rameshchandra G

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3. Sagar Gadekar
4. Satisha N

**Resolution:** The GB ratified the expenses of Rs. 6606/- incurred Mahantesh M D, Rameshchandra G, Sagar Gadekar and Satisha N guided by Anupama Prakash of EEE department for procurement of components and consumable for their project entitled “*Automatic Railway Gate Control System*”

**(iii) Enhanced interaction with industry:**

- (a) Ratification of expenses incurred to the tune of Rs.17,550/- in connection with the V Semester Electrical Student’s *Industrial Visit to Bhoruka Solar Power Plant* at Chitradurga on 17.10.2015.

**Resolution:** The GB ratified the expenses of Rs. 17550/- incurred in connection with the V Semester Electrical Student’s *Industrial Visit to Bhoruka Solar Power Plant* at Chitradurga on 17.10.2015.

- (b) Ratification of expenses incurred to the tune of Rs.1,60,000/- (restricted to the travel component) in connection with the VII Semester Electrical Student’s *Industrial Visit to various power generating stations like Thermal, Hydro, Nuclear, Wind and Solar* located in Chitradurga, Karwar, Shimoga, Varahi & Managlore during 21.12.2015 to 26.12.2015.

**Resolution:** The GB ratified the expenses of Rs. 1,60,000/- incurred in connection with VII Semester Electrical Student’s *Industrial Visit to various power generating stations like Thermal, Hydro, Nuclear, Wind and Solar* located in Chitradurga, Karwar, Shimoga, Varahi & Managlore during 21.12.2015 to 26.12.2015.

- (c) Ratification of expenses incurred to the tune of Rs.6861/- in connection with the M.Tech (IT & SE) Student’s *Industrial Visit to SAP labs* on 18.12.2015.

**Resolution:** The GB ratified the expenses of Rs. 6861/- incurred in connection with the M.Tech (IT & SE) Student’s *Industrial Visit to SAP labs* on 18.12.2015

**(iv) Institutional Management Capacity Enhancement:**

- (a) Ratification of expenses incurred to the tune of Rs.42,000/- in connection with presenting a paper by Prof. K N Raja Rao & Dr. Ramakanth Kumar in the Third International Conference on “Transformations in Engineering Education (ICTIEE)-2016” at Pune, Maharashtra during 11-12 January 2016.

**Resolution:** The GB ratified the expenses of Rs. 42,000/- incurred in connection with presenting a paper by Prof. K N Raja Rao & Dr. Ramakanth Kumar in the Third International Conference on “Transformations in Engineering Education (ICTIEE)-2016” at Pune, Maharashtra during 11-12 January 2016

- (b) Ratification of expenses incurred to the tune of Rs.55,500/- (for 3 faculty members namely- Dr.Shanmukha Nagaraj, Prof.M.S.Krupashankar & Prof. C.Sunanda) in connection with attending an International Conference on “Enabling Make In

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India- Challenges and Opportunities for Engineering Education-ICEMII-2016” from 6-8 January 2016 at KLE Technological University, Hubballi.

**Resolution:** The GB ratified the expenses of Rs. 55,500/- incurred in connection with attending an International Conference on “Enabling Make In India- Challenges and Opportunities for Engineering Education-ICEMII-2016” from 6-8 January 2016 at KLE Technological University, Hubballi by 3 faculty members.

- (c) Ratification of Expenses incurred to the tune of Rs. 25,453/- in connection with attending a state level conference on “Autonomous Colleges – Issues, Prospects & Challenges” at Mangaluru by Dr. R.Jayapal & Prof. K.A. Nethravathi during 20-21 November 2015.

**Resolution:** The GB ratified the expenses of Rs. 25,453/- incurred in connection with attending a state level conference on “Autonomous Colleges – Issues, Prospects & Challenges” at Mangaluru by Dr. R.Jayapal & Prof. K.A. Nethravathi during 20-21 November 2015

- (d) Ratification of expenses incurred to the tune of Rs. 1,952/- by Prof.Anjaneyappa in connection with attending a TEQIP Sponsored Management Development Program at IIM, Kozhikhode during 23-29 November 2015.

**Resolution:** The GB ratified the expenses of Rs. 1,952/- incurred by Prof.Anjaneyappa in connection with a TEQIP Sponsored Management Development Program at IIM, Kozhikhode during 23-29 November 2015

- (e) Ratification of expenses incurred to the tune of Rs. 4,136/- by Dr.B.V.Uma & Dr. M.V.Renuka Devi in connection with attending a TEQIP Sponsored Management Development Program at IIM, Thiruchirapalli during 12-16 October 2015.

**Resolution:** The GB ratified the expenses of Rs. 4136/- incurred by Dr.B.V.Uma & Dr. M.V.Renuka Devi in connection with attending a TEQIP Sponsored Management Development Program at IIM, Thiruchirapalli during 12-16 October 2015.

- (f) Ratification of expenses incurred to the tune of Rs. 71,530/- by Dr.G.Shobha, Dr.N.K.Cauvery & Dr.K.Nagamani in connection with attending a workshop on Quality Initiatives in Technical & Higher Educational Institutions at Engineering Staff College , Hyderabad during 7-9 October 2015.

**Resolution:** The GB ratified the expenses of Rs.71530/- incurred by Dr.G.Shobha, Dr.N.K.Cauvery & Dr.K.Nagamani in connection with attending a workshop on Quality Initiatives in Technical & Higher Educational Institutions at Engineering Staff College , Hyderabad during 7-9 October 2015.

- (g) Ratification of expenses incurred to the tune of Rs. 8,673/- by Dr.N.K.Srinath in connection with attending a TEQIP Sponsored Academic Leadership program for TEQIP Institutions at IIM, Kozhikhode during 20-25 July 2015.

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**Resolution:** The GB ratified the expenses of Rs.8673/- incurred by Dr.N.K.Srinath in connection with attending a TEQIP Sponsored Academic Leadership program for TEQIP Institutions at IIM, Kozhikhode during 20-25 July 2015

- (h) Ratification of the expenses incurred to the tune of Rs. 2, 28,000/- in connection with the deputation of 30 technical staff for the 2 day workshop on “Supervisory Leadership Development Programme” during 8th -9th October 2015 at The Club Bangalore.

**Resolution:** The GB ratified the expenses of Rs. 2,28,000/- incurred in connection with the deputation of 30 technical staff for the 2 day workshop on “Supervisory Leadership Development Programme” during 8th -9th October 2015 at The Club Bangalore.

- (i) Ratification of the expenses incurred to the tune of Rs. 3,980/- by Dr.P.Ramakanth Kumar in connection with the attending a workshop on Outcome based Education at BMS College of Engineering during 2-3 August 2015.

**Resolution:** The GB ratified the expenses of Rs. 3980/- incurred by Dr.P.Ramakanth Kumar in connection with the attending a workshop on Outcome based Education at BMS College of Engineering during 2-3 August 2015.

**(v) Academic support for weak Students:**

- (a) Ratification of the expenses incurred to the tune of Rs. 71,550/- (towards disbursement of remuneration) in connection with the conduction of **remedial classes & Bridge Courses** handled by the departments of EC, CS & Mathematics.

**Resolution:** The GB ratified the expenses of Rs. 71550/- incurred (towards disbursement of remuneration) in connection with the conduction of **remedial classes & Bridge Courses** handled by the departments of EC, CS & Mathematics

**(vi) Incremental Operating Cost (IOC):**

- (a) Ratification of the expenses incurred to the tune of Rs. 90,000/- in connection with organization of the **Advanced Pedagogy Program** at RVCE during 28.12.2015 to 05.01.2016.

**Resolution:** The GB ratified the expenses of Rs. 90,000/- incurred in connection with organization of the **Advanced Pedagogy Program** at RVCE during 28.12.2015 to 05.01.2016

- (b) Ratification of the expenses incurred to the tune of Rs. 12,000/- in connection with **payment of AMC charges** to M/s. A R Infomatrix Pvt. Ltd., for **Tally Software** support for the period from 1.1.2016 to 31.12.2016.

**Resolution:** The GB ratified the expenses of Rs. 12,000/- incurred in connection with **payment of AMC charges** to M/s. A R Infomatrix Pvt. Ltd., for **Tally Software** support for the period from 1.1.2016 to 31.12.2016

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- (c) Ratification of the expenses incurred to the tune of Rs. 10,800/- in connection with payment to M/s. A R Infomatrix Pvt. Ltd., for **Tally Net Subscription renewal** for the period 2015-16.

**Resolution:** The GB ratified the expenses of Rs. 10,800/- incurred in connection with payment to M/s. A R Infomatrix Pvt. Ltd., for **Tally Net Subscription renewal** for the period 2015-16.

**Sub. No. 135: Ratifications under TEQIP-II Sub-component 1.2.1 (Centre of Excellence)**

**(i) Faculty & Staff Development (enhancing research competence of faculty and knowledge sharing in thematic areas, both within India and Abroad.)**

- (a) Ratification of expenditure of Rs. 57,493/- incurred towards conduction of a 5-day workshop on "**Embedded processor & Applications**" during 13-17 July 2015.

**Resolution:** The GB ratified the expenses of Rs. 57493/- incurred in connection with conduction of a 5-day workshop on "**Embedded processor & Applications**" during 13-17 July 2015

- (b) Ratification of expenditure of Rs. 89,270/- incurred towards conduction of a National Conference on "**ICT Innovations for Sustainability**" during 16-17 May 2015.

**Resolution:** The GB ratified the expenses of Rs. 89270/- incurred towards conduction of a National Conference on "**ICT Innovations for Sustainability**" during 16-17 May 2015.

- (c) Ratification of expenditure of Rs. 1,85,245/- incurred towards conduction of a one week National level workshop on "**Innovations in renewable Energy Technologies & Its Integration with Smart Grid**" during 22-27 June 2015.

**Resolution:** The GB ratified the expenses of Rs. 1,85,245/-incurred towards conduction of a one week National level workshop on "**Innovations in renewable Energy Technologies & Its Integration with Smart Grid**" during 22-27 June 2015.

- (d) Ratification of expenditure of Rs. 64,300/- incurred towards attending a **short term course** at IIT Kanpur during 27-29 April 2015 by Dr.K.S.Geetha & Dr. K.R.Usha Rani.

**Resolution:** The GB ratified the expenses of Rs. 64,300/-incurred towards attending a **short term course** at IIT Kanpur during 27-29 April 2015 by Dr.K.S.Geetha & Dr. K.R.Usha Rani.

- (e) Ratification of expenditure of Rs. 8945/- incurred towards attending a National Workshop on **Medical Imaging** at IIT-Bombay, Mumbai during 19-21 June 2015 by Dr.Roopa Lakshmi.

**Resolution:** The GB ratified the expenses of Rs. 8,945/-incurred towards attending a National Workshop on **Medical Imaging** at IIT-Bombay, Mumbai during 19-21 June 2015 by Dr.Roopa Lakshmi.

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- (f) Ratification of expenditure of Rs. 11,472/- incurred towards attending faculty development workshop on “**Digital Signal Processing of ARM**” during 20-21 May 2015 at IIT University by Mrs. J.Roopa & Mr.M.Govinda Raju.

**Resolution:** The GB ratified the expenses of Rs. 11,472/-incurred towards attending faculty development workshop on “*Digital Signal Processing of ARM*” during 20-21 May 2015 at IIT University by Mrs. J.Roopa & Mr.M.Govinda Raju.

- (g) Ratification of expenditure of Rs. 30,609/- incurred towards attending an **Entrepreneurship Education Conclave 2015** held on 12 March 2015 at New Delhi by Dr.D.Ranganath & Ms.S.Swetha.

**Resolution:** The GB ratified the expenses of Rs. 30,609/-incurred towards attending an *Entrepreneurship Education Conclave 2015* held on 12 March 2015 at New Delhi by Dr.D.Ranganath & Ms.S.Swetha.

- (h) Ratification of expenditure of Rs. 20,340/- **incurred towards attending a short term course on “Fundamentals & Applications of Meta Materials”** during 6-10 April 2015 by Mr.A.Mahesh at IIT, Kanpur.

**Resolution:** The GB ratified the expenses of Rs. 20,340/-incurred towards attending a short term course on “*Fundamentals & Applications of Meta Materials*” during 6-10 April 2015 by Mr.A.Mahesh at IIT, Kanpur.

- (i) Ratification of expenditure of Rs. 25,983/- incurred towards attending a national Conference on **Communication at IIT-Bombay** during 27.2.2015 to 1.3.2015 by Ms.P.M.Jayanthi & Ms.G.Chetana.

**Resolution:** The GB ratified the expenses of Rs. 25,983/-incurred towards attending a national Conference on *Communication at IIT-Bombay* during 27.2.2015 to 1.3.2015 by Ms.P.M.Jayanthi & Ms.G.Chetana.

- (j) Ratification of expenses to the tune of Rs. 95,276/- incurred in connection with presenting 2 papers by Dr.Uma Rao entitled “ Partial Laod Shedding using ant colony algorithm in Smart Grid environment” and “ demand response for residential loads using artificial bee colony algorithms to minimize energy cost” in an IEEE Conference (IEEE-TENCON-2015) at Macua, China during 1-4 November 2015.

**Resolution:** The GB ratified the expenses of Rs. 95,276/-incurred in connection with presenting 2 papers by Dr.Uma Rao entitled “ Partial Laod Shedding using ant colony algorithm in Smart Grid environment” and “ demand response for residential loads using artificial bee colony algorithms to minimize energy cost” in an IEEE Conference (IEEE-TENCON-2015) at Macua, China during 1-4 November 2015.

- (k) Ratification of expenses to the tune of Rs. 1,14,888/- incurred in connection with presenting 2 papers by Mrs. V. Prema entitled “ An Effective strategy for Hybrid Power Management” and “Novel training Strategies for Wavelet-Neuro Models for Wind Speed Prediction” in an IEEE Conference (IEEE-TENCON-2015) at Macua, China during 1-4 November 2015.



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**Resolution:** The GB ratified the expenses of Rs. 1,14,888/- incurred in connection with presenting 2 papers by Mrs. V. Prema entitled “ An Effective strategy for Hybrid Power Management” and “Novel training Strategies for Wavelet-Neuro Models for Wind Speed Prediction” in an IEEE Conference (IEEE-TENCON-2015) at Macua, China during 1-4 November 2015.

**(ii) R&D (National / International Collaboration for Research and Development activities with Academic Institutions and R&D organizations):**

- (a) Ratification of expenses (Registration Fee) of Rs. 26, 399/- incurred by Mrs. M.P. Nirupama, Scholar in connection with presentation of paper in the **28<sup>th</sup> International Vacuum Nanoelectronics Conference** held during 13-17 July 2015 at Gaungzhou, China

**Resolution:** The GB ratified the expenses of Rs. 26,399/-incurred by Mrs. M.P. Nirupama, Scholar in connection with presentation of paper in the **28<sup>th</sup> International Vacuum Nanoelectronics Conference** held during 13-17 July 2015 at Gaungzhou, China

**(iii) III Cells (Collaboration with Industry for applicable research and product development):**

- (a) Ratification of expenditure incurred by 4 staff members namely Dr. B.V.Uma, Dr. K.V.Padmaja, Dr. S.C.Prasanna Kumar and Dr. N.N.Nagendra towards registration fee of Rs. 12,000/- in connection with attending a 2-day workshop on **Challenges and Opportunities in Bio-Engineering and Bio-Medical Devices and Platforms** as a part of Indian Technology Congress 2015 organized by NDRF held during 29-30 July 2015.

**Resolution:** The GB ratified the expenses of Rs. 12,000/- incurred by 4 staff members namely Dr. B.V.Uma, Dr. K.V.Padmaja, Dr. S.C.Prasanna Kumar and Dr. N.N.Nagendra towards registration fee in connection with attending a 2-day workshop on **Challenges and Opportunities in Bio-Engineering and Bio-Medical Devices and Platforms** as a part of Indian Technology Congress 2015 organized by NDRF held during 29-30 July 2015.

**(iv) Incremental Operating Cost (IOC):**

- (a) Ratification of expenditure of Rs. 28,500/- incurred towards renewal of **IESA membership fee** for the period from April-2015 to March-2016.

**Resolution:** The GB ratified the expenses of Rs. 28,500/- incurred towards renewal of **IESA membership fee** for the period from April-2015 to March-2016.

**Sub. No. 136: Ratification of Finance Committee Meeting held on 29.7.2015.**

The Member Secretary highlighted the extract of the finance committee meeting held on 29.7.15. (Annexure- 11).

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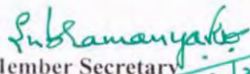
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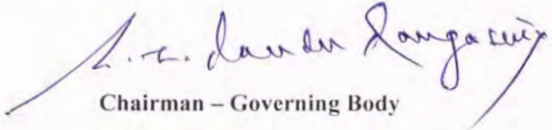
*Resolution:* The Governing Body ratified the proceedings of the Finance Committee meeting held on 29.7.15.

Sub. No. 137: Any other subject/s with the permission of the Chair.

Nil.

The Member Secretary and Chairman thanked all the members for their active participation.

  
Member Secretary 2/3/16  
Principal  
R V College of Engineering  
Mangalore-SBU USD.

  
Chairman – Governing Body  
Dr. M.K. Panduranga Setty  
Chairman  
Governing Body