

2014-15

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C. V. RAMAN COLLEGE OF ENGINEERING, BHUBANESWAR

Date: 09.10.2014

Proceedings of the 12th meeting of INTERNAL QUALITY ASSURANCE CELL (IQAC) held on 09.10.2014 in the Board room of Administrative Building.

The meeting of the IQAC was held at 11.00 A. M. on 09.10.2014 in the Board room of administrative building, which was chaired by Prof. K.C. Patra, Director, CVRCE & CVRCA.

The following members were present in the meeting:

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|---|------------------------|--------------------------|
| 1. Prof. K.C. Patra, Director, CVRCE & CVRCA | Chairman | |
| 2. Prof. R.K. Das, Principal, CVRCE & CVRCA | Member | <i>R.K. Das</i> |
| 3. Dr. P. K. Jena, BOG member & Management representative | Member | <i>P.K. Jena</i> |
| 4. Dr. D. Mishra, Dean Academics & HOD Math. | Member | <i>D. Mishra</i> |
| 5. Mr. S.S. Padhi, Asst. Prof., Mech. Engg. Dept. | Member | |
| 6. Dr. S.K. Mohapatra, Asst. Prof. Electrical Engg. Dept. | Member | <i>S.K. Mohapatra</i> |
| 7. Mr. S.K. Bisoi, Asst. Prof. CS & Engg. Dept. | Member | |
| 8. Mr. D.K. Nayak, Asst. Prof. AE&I. Dept. | Member | <i>D.K. Nayak</i> |
| 9. Mr. Prasheet Mishra, Lecturer, Marine Engg. | Member | <i>Prasheet Mishra</i> |
| 10. Mr. Sarthak Mohapatra, 2 nd Year Mech., Student representative | Member | <i>Sarthak Mohapatra</i> |
| 11. Mr. Sumant Kumar Moharana, Alumni representative | Member | <i>Sumant Moharana</i> |
| 12. Mr. Sanjeev Nayak, Director Abacus Holding Pvt. Ltd | Member | |
| 13. Dr. P. Kanungo, HOD, ETC. Dept | Co-ordinator | <i>P. Kanungo</i> |
| 14. Er. D. Mohapatra, Registrar, CVRGI | Convenor | <i>D. Mohapatra</i> |
| 15. Ms. Tanushree Pradhan, Sr. Office Executive | Custodian of documents | <i>Tanushree Pradhan</i> |

Co-ordinator, IQAC, welcomed the Chairman (IQAC), the members and External Expert, for sparing their valuable time to participate in the IQAC meeting and sharing their expertise for putting C. V. Raman College of Engineering on the path of assured quality.

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Discussions were held as stated below:

- ☞ 5th AQAR was placed before IQAC and after detailed discussion, the same was accepted by the members and they suggested to place the same before Governing Body.
- ☞ Faculty members from different department representatives visited Ballise Mouja, High School for "Mobile Physics Laboratory" & "Engineering Physics Laboratory" on 25th July 2014.
- ☞ "IEEE Student Chapter" inaugurated by department of CSE & IT on 29th September 2014.
- ☞ Faculty from IT Department, Dr. Brojo Kishore Mishra got membership from "International Association of Engineers" having IAENG Member No: 134960 in the month of September 2014.
- ☞ Conference, workshop, Invited Talk, Training program etc. organized in campus: The major events are furnished below.

Date	Name of event	Organizing Department
2 nd - 5 th July 2014	"National Workshop on Parallel Heterogeneous Computing" by CUDA Teaching Centre	Organized by CUDA Teaching Centre and Dept. of IT Engg.
22 nd July 2014	One Day Interactive Seminar for the Final Year students on "Higher Education" Experts from British Council	Organized by Dept. of HSS
24 th July 2014	One Day in-house seminar on "IMO & its Contribution to Society", Capt. Ashok Mahapatra, Senior Director, Safety & Human Elements (IMO).	Organized by Dept. of Marine Engg.
6 th September 2014	One Day Workshop on "HVAC/R Industry's Major Challenge - Trained & Skilled Professionals" for students & Faculty of CVRCE. Experts from CEO - Aircon India Inc, HVAC/R Consultant, Manager Project - L&T Oman, HVAC/R Consultant	Organized by Dept. of Mechanical Engg.
6 th September 2014	One Day Workshop on "HVAC/R Industry's Major Challenge - Trained Skilled Professionals" Experts from CEO - Aircon India Inc, HVAC/R Consultant, 2 Manager Projects - L&T Oman	Organized by Dept. of Mechanical Engg.
25 th September 2014	One Day Workshop on "Robotics" for the students Chemical Engg. Dept	Organized by Dept. of Chemical Engg.
29 th September 2014	Invited Talk on "Real - Time System" by Prof Rajiv Mall, IIT Kharagpur	Organized by Dept. of CSE and IT Engg.

Faculty Members Delivered Talk / Invited as Speaker:

Dr. Bhabani Shankar Acharya – Physics Refresher course in Chemistry at Sambalpur University
Dr. Acharya delivered his talk "Nanomaterials & Nanotechnology", "ABC of Xray Diffraction" & "Raman Spectroscopy" organised by the school of Chemistry in collaboration with Academic staff College, Sambalpur University during 4th & 5th July 2014.

Papers Presented in Conferences / Seminars by Faculty Members:

1. Mr. Prasheet Kumar Mishra, faculty of Marine Engg., paper on "Development of a Novel Process to Produce Biodiesel and its use as fuel in CI Engine performance study" presented in the "3rd International Symposium on the fusion Science & Technologies" held at New Technology Training Center, Korea Polytechnics (NTC), South Korea during 30th July to 3rd August' 2014.
2. Dr. Brojo Kishore Mishra, faculty of IT Engg., paper on "Applications of Rough Set in Social Networking Using Rule Induction" presented in the "International Conference on Mathematical Science and its Computational Applications" (CMSCA-2014) held at Dr. N. G. P. Arts and Science College, during 11th – 12th August, 2014.
3. Dr. Brojo Kishore Mishra, faculty of IT Engg., paper on "Green Business Applications in the Cloud" presented in the "Indian Technology Congress 2014", held at NIMHANS Convention Centre, Bengaluru, during 21st -22th August 2014.
4. Dr. Dibakar Panda, faculty of Chemical Engg., paper presented in the "International Conference on Recent Advances in Engineering Sciences 2014", to be organized & held at M. S. Ramaiah Institute of Technology, Bangalore, supported by Vivesvaraya Technological University, Belgaum during 4th & 5th September' 2014
5. Mr. Satyabrata Sahoo, faculty of Electrical Engg., paper on "Determination of PID Parameter of an Automatic Voltage regulator System using Bacterial Foraging Oriented Particle swarm optimization" presented in the "International Conference on Innovation in Electrical & Electronics Engineering" (ICIEEE – 2014) held at Department of Electrical & Electronics Engineering, Guru Nanak Institutions Technical Campus, Hyderabad during 5th & 6th September, 2014.

Few faculties availed Financial Assistance from Institute for the purpose of Paper Presentation/publication in National / International Conference - Journal.

Papers Published in Journal by Faculty Members as follows:

Sl No	Name	Dept.	Title of Paper Publied/ presented	Date	Financial Asst. Availed
1	Dr. Dibakar Panda,	Chemical	His paper entitled "Hydraulic transportation of sand in Bentonite medium for mine-stowing" has been Presented in "International Journal of Chemical Engg" (July-Dec 2014).	Jul-14	Yes

2	Dr. Ramakrushna Mahapatra	MBA	His paper entitled "Role of Foreign Direct Investment (FDI) Inflow for Economic Development of India: A Concept of Issues and Challenges" published in VSRD International Journal of Business and Management Research, Vol, IV issue VII July, 2014	Jul-14	Yes
3	Mrs. Venkata Nag Laxmi Durga	Mech	Her paper entitled "Development of a Novel Process to Produce Biodiesel and its use as fuel in CI Engine performance study and exhaust analysis" published in IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Volume 11, Issue 4, Ver. IV (Jul-Aug2014), pp 39-44	Jul-14	Yes
4	Dr. Debdas Mishra	Math	His paper entitled "The Union of a Cycle of Length 3 and A Pth are Graceful" published in International Journal of Latest technology in Engineering, Management & Applied Science (IJLTEMAS), Vol. III, Issue IX, Sep-2014.	Sep-14	No Yes
5	Dr. Debdas Mishra	Math	His paper entitled "The Sum Numbers and Integral Sum Numbers of Graph" published in International Journal of Latest technology in Engineering, Management & Applied Science (IJLTEMAS), Vol. III, Issue IX, Sep-2014.	Sep-14	No Yes

Festo Authorized & Certified Training Centre trained different courses to the students of C. V. Raman College of Engineering from July to September 2014 as follows:

Batch	Course Name	No of Students Participated	Training Period
B.Tech Chemical Engg. (2012-16)	Process Automation	46	11 th July 2014 – 26 th September 2014
B.Tech Chemical Engg. (2013-17)	Basic PLC & Pneumatic	20	17 th July 2014 - 11 th Sept 2014

Details of Faculties Attended Conference and Seminars:

Sl. No	Faculty Name	Dept.	Attended in the Event Particulars	Month/Year
1	Mrs. Mamata Rath	MCA	Two week ISTE Main Workshop on "Computer Networking" organised by IIT Bombay and held at GEC,	June /July 2014

			Bhubaneswar during 30th June to 5th July 2014	
2	Mr. Prashant Kumar Dash	CSE (Programmer)	Two – week ISTE Workshop on “Computer Networking” under the National Mission on Education through ICT, conducted by IIT Bombay & held at Gandhi Engineering College (GEC), Bhubaneswar during 30th June – 5th July 2014	June /July 2014
3	Mr. Abhay Kumar Sahoo	IT	National Workshop on “Parallel & Heterogeneous Computing” (NWPHC-2014), held at C V Raman College of Engineering, Bhubaneswar from 2-5 July, 2014. Programme was organised by NVIDIA CUDA Teaching centre (CTC) & IUCEE.	Jul-14
4	Dr. Saikat Chatterjee	Mechanical	Short-Term course on “Mechatronics, MEMS & Micro-Fabrication” held at IIT, Indore, M.P during 7th to 12th July 2014	June /July 2014
5	Mr. Prasanna Kumar Barik	Library	EBSCO 'Lunch nLearn' seminar held at Mayfair Lagoon Hotel, BBSR on 15.09.2014.	Sep-14

Selection of Teaching and Non-teaching staff:

Advertisement for Teaching & non-teaching staff were published in Local & National newspapers and applications were shortlisted and candidates were interviewed by experts and selected candidates were appointed as per requirement of the different Department in the month of July /August 2014.

Admission of students during academic session 2014-15 (August – 2014): the details of students admitted during academic session 2014-15 are as follows:

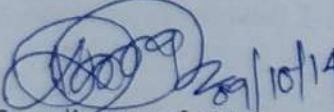
Branch	Sanctioned Strength	No. of Students admitted	Remarks
B.Tech / DNS			
AE&I	60	17	Without Lateral Entry & Including TFW
CE	120	110	
CH	60	26	
CSE	120	107	Without Lateral Entry & Including TFW
EE	120	108	Without Lateral Entry & Including TFW
ETC	180	153	
IT	60	40	

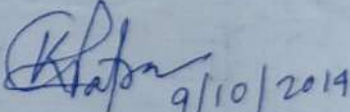
ME	120	125	Without Lateral Entry & Including TFW
EE 2 nd SHIFT	60	47	
ME 2 nd SHIFT	60	49	
Marine Engg.	40	22	
DNS	40	2	
Total	1040	806	
M.Tech /GME			
ETC	18	6	
Chemical	18	1	
CSE	36	3	
Mechinal	18	1	
Power System Engg.	18	5	
Mechatronics	18	2	
GME	40	2	
Total	166	20	

FUTURE PLANS:

- ☞ Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- ☞ Additional intake in B.Tech Marine Engineering from 40 seat to 80 seat 2015-16 academic year.
- ☞ Process of Performance appraisal of Teaching & Non-Teaching staff of CVRCE Etc.;
- ☞ To complete the pending infrastructural works in the campus;
- ☞ Placement of students;
- ☞ Organization of Training Program for Institute Staff;
- ☞ Organization of International Conference etc.;
- ☞ The next meeting of IQAC will be in Jan 2015.

The meeting ended with vote of thanks to the chair.


Coordinator of IQAC


Chairman of IQAC & Director