



Dr. Ram Manohar Lohia Institute of Medical Sciences
Vibhuti Khand, Gomti Nagar, Lucknow-226010

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Office of Dean

Prof Mukul Misra

DM (Cardiology)

E-mail: deanrmlims@gmail.com

Ref.No: 211/Dean/RMLIMS/2016

Date: 26.10.16

To,

1. HOD, Anaesthesiology,
2. HOD, Cardiology,
3. HOD, CTVS,
4. HOD, Radiodiagnosis,
5. HOD, Pathology,
6. HOD, Radiotherapy,
7. HOD, Neurology,
8. HOD, Neurosurgery,
9. HOD, Surgical Oncology

Subject: Regarding "Research Methodology and Biostatistics course" for academic session 2016-17
PG Residents (MD/DM/MCh) admitted at RMLIMS in 2016.

Dear Sir/ Madam,

With reference to the letter no. 302/DC/14 dated 18/07/2014 of Dean, KGMU (**Enclosure 1**) & the first year Post Graduate Residents are required to submit the Thesis proforma as per the details annexed within 3 months of admission. As per the instructions contained in the letter, it is mandatory for all the Residents admitted to the institute to attend the research lectures organized on Research Methodology to be conducted by the Research Cell in the first year, before submission of Thesis Proforma to the Departmental DC.

Like previous years, the Research cell, RMLIMS will be conducting "Research Methodology & Biostatistics Workshop" for the first year Residents admitted in 2016 from 4/11/2016 to 10/12/2016, which will be co-ordinated by Dr Akash Agarwal, Associate Professor, Surgical Oncology & Dr Shantanu Sapru, Assistant Professor, Radiotherapy. In this connection, it is emphasized that it is mandatory for the first years Residents to attend the workshop and clear the Examination to be held after the workshop for obtaining clearance to submit Thesis Proforma.

Hence, it is requested that the concerned Residents of your department are to be informed about the same from your end and make necessary arrangements to spare them for the lectures to be held as per the attached schedule. The venue of the workshop will be Conference hall, Ground floor of administrative block.

(Prof. Mukul Misra)
Dean

Copy to:-

1. P.S. to Director, RMLIMS.
2. HOD, Anaesthesiology, Cardiology, CTVS, Pathology, Radiotherapy, Radiodiagnosis, Neurosurgery, Neurology & Surgical Oncology for information & circulation amongst the concerned residents & to keep their signature for official records..
3. Dr Akash Agarwal, Associate Professor, Surgical Oncology, RMLIMS, Lucknow.
4. Dr Shantanu Sapru, Assistant Professor, Radiotherapy, RMLIMS.
5. Mr Akhileendra Verma, Computer Programmer, RMLIMS, Lucknow for uploading the information in Student corner of the institute website and to make necessary arrangements to provide audio visual support for the workshop on the days as per attached schedule.

(Prof. Mukul Misra)
Dean



OFFICE OF THE DEAN, FACULTY OF MEDICINE
King George's Medical University U.P. Lucknow-226002 (India)
अधिष्ठाता कार्यालय चिकित्सा संकाय
किंग जार्ज चिकित्सा विश्वविद्यालय, उ.प्र. प्र. सं. लखनऊ-226002 (भारत)

Ref. No. / D. / 14

Date 10/7/14

To
All Head of the departments
(Including Dental Faculty).
K.G.M.U. U.P.
Lucknow

Dear Sir/Madam,

Please find herewith the Thesis Program after approval from the academic council meeting and the meeting of Executive Council held on 17th Jun 2014.

1. Department Doctoral Committee: Each department of the University will constitute a doctoral committee (DC) consisting of all Faculty members.
2. During meeting, all Residents (JR & SR), will be present. Proposals for Thesis will be assessed and examined by doctoral committee and will send recommendation to the office of the Dean Faculty of Medicine/Dental Faculty.
3. Dean meeting = Dean + all HODs + all Faculty members of concerned department. Dean Faculty of Medicine/Dental will call a meeting with concerned department to discuss the Proforma submitted by the DC and will send its recommendation to Ethics committee for clearance with one month.
4. After the clearance has been obtained by the Ethics committee the list of the approved Proforma will have to be approved by Hon'ble Vice Chancellor.
5. Proforma for submission to the HOD of the concerned department will be completed within three months after joining of the JR-I.
6. The Thesis work will be completed within 2 & 1/2 years (Two and Half years) for submission to the University, six (6) months before the examination.
7. All JR-I admitted to the University will have to attend the research lectures organized (research methodology) to be conducted by research cell in first three months of their joining (August, September, October) before submission of proforma to the departmental doctoral committee.
8. The Thesis work shall start immediately after admission of the student.

You are kindly requested to implement the same with effect from the new academic section (i.e. 1st Aug. 2014).

Thanking You,

Yours sincerely,


Prof. Raj Mehrotra
(Dean)

Copy to:

1. Faculty Incharge Research Cell with the request to implement of points no (8) for Junior Residents.
2. Controller of Examinations, K.G.M.U., Lucknow
3. Faculty Incharge MCI/DCI Cells
4. Registrar, K.G.M.U., Lucknow
5. PS to DC, K.G.M.U., Lucknow

S. No	Day	Date	Time	Speaker	Topic
1.	Friday	4 th Nov	16.00-17.00	Dr. Akash Agrawal	Introduction, data, describing data
2.	Friday	4 th Nov	17.00-18.00	Dr. Shantanu Sapru	Probability, Bayes theorem
3.	Saturday	5 th Nov	15.00-17.00	Dr. Shantanu Sapru	Diagnosics and measurements, Sensitivity, Specificity, PPV, NPV, Reliability, Precision, Validity, Accuracy, ROC curves
4.	Sunday	6 th Nov	10.00-12.00	Dr. Akash Agrawal	Observational & Epidemiological study designs, Case control studies, Cohort studies, Odds Ratio, Relative Risk, Attributable Risk
5.	Friday	11 th Nov	16.00-17.00	Dr. Nilotpal Chowdhury	Data distribution – Binomial, Poisson, Gaussian (Normal), t-distribution, z-distribution; Samples & Sampling methods; Central Limit Theorem (CLT)
6.	Friday	11 th Nov	17.00-18.00	Dr. Shantanu Sapru	Measures of central tendency – Mean, Median, Mode, Range, Std deviation, Std. error, Std. error of mean, Confidence Intervals
7.	Saturday	12 th Nov	15.00-15.30	Drs. Nilotpal & Shantanu	Revision & Discussion
8.	Saturday	12 th Nov	15.30-17.00	Drs. Nilotpal & Shantanu	Statistical inference, p-value, parametric v/s non parametric testing, null hypothesis
9.	Sunday	13 th Nov	10.00-12.00	Dr. Nilotpal Chowdhury	t-tests, ANOVA, Contingency tables, χ^2 test, Fisher's exact test, Mann-Whitney U-test, Wilcoxon's test, Maximum Likelihood Estimation
10.	Friday	18 th Nov	16.00-18.00	To be decided (tentative: Dr. Arun Chaturvedi)	Correlation, Regression, Spearman's & Pearson's coefficients, Linear & Logistic Regression, Mann-Whitney U-test, Wilcoxon's test
11.	Saturday	19 th Nov	15.00-17.00	Dr. Shaleen Kumar	Time-to-Event (TTE) analysis focusing on Kaplan-Meier analysis & the Cumulative incidence method
12.	Sunday	20 th Nov	10.00-12.00	Dr. Shaleen Kumar	Comparing TTE methods – log rank test, Gray's test (optional)
13.	Friday	25 th Nov	16.00-18.00	Drs. Akash & Shantanu	Revision & Discussion
14.	Saturday	26 th Nov	15.00-17.00	Dr. Shaleen Kumar	Hazard Ratio, Cox regression, Forest Plots
15.	Sunday	27 th Nov	10.00-12.00	Dr. Akash Agrawal	Systematic v/s Narrative reviews, Meta-analysis
16.	Friday	2 nd Dec	16.00-18.00	Drs. Akash & Shantanu	Revision & Discussion
17.	Saturday	3 rd Dec	15.00-17.00	Drs. Akash & Shantanu	Revision & Discussion
18.	Saturday	10 th Dec	15.00-17.00	-----	EXAMINATION