



Anuj Jain
Professor & Head

Letter No. 858/AMD/F-100/2014-15

कार्यालय टी०ई०क्यू०आई०पी०-II

Office of the TEQIP-II

प्राप्त सं०/Receipt No. 1146.

दिनांक/Date... 3-12-14.

समय/Time...

प्रयुक्त यांत्रिकी विभाग

(स्वर्ण जयंती वर्ष 1964-2014)

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद

इलाहाबाद-211004 (उ०प्र०), भारत

Department of Applied Mechanics

(Golden Jubilee Year 1964-2014)

Motilal Nehru National Institute of Technology Allahabad

Allahabad-211004 (U.P.) India

Dated: 02nd December, 2014

Coordinator (TEQIP-II)

Subject: A report on a lecture delivered by Dr. Y.D. Dwivedi.

In reference to department letter no. 677/AMD/F-100/2014-15 dated 16th October, 2014 (enclosed) regarding the visit of Dr. Y.D. Dwivedi and his delivered lecture on “**Helicopter Aerodynamics**” in the Seminar hall of the department on the 28th October 2014, please find attached the a report on the lecture for your kind information and record .

वेबसाइट
R
12.12.14

Anuj Jain
21/12/14
(Anuj Jain)
Professor & Head



Anuj Jain
Professor & Head

OSD Office
Diary No. 4490...
Date... 17-10-14

4923
20/10/2014

कार्यालय टी.ए.क्यू.पी.-II
Office of the TEQIP-II
प्राप्त सं/Receipt No. 214
दिनांक/Date, 16-10-14
समय/Time

प्रयुक्त यांत्रिकी विभाग
(स्वर्ण जयंती वर्ष १९६४-२०१४)

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
इलाहाबाद-211004 (उ.प्र.), भारत
Department of Applied Mechanics
(Golden Jubilee Year 1964-2014)
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004 (U.P.) India

Letter No. 677/AMD/F-100/2014-15. 21 16-10-14

Received today
D. 16/10/14
13-11-14
01:50

Dated: 15/10/2014.

Director

Sub: Request to approve the visit of Dr. Y.D. Dwivedi from TEQIP-II

Through: Coordinator, TEQIP-II.

This is to bring to your kind notice that the department is formulating B.Tech. programme in Aerospace Engineering, which requires preparing a list of experiments for various specialized laboratories (like Experimental Aerodynamics, Propulsion system etc.). To develop these laboratories, we need to discuss with experts in the related field.

Dr. Y.D. Dwivedi has spent over 16 years in Indian Navy (Helicopter Division) with vast experience in aircraft, helicopters and aero engines. He was later deputed to Naval Institute of Aeronautical Technology, Kochi to teach aeronautical subjects (Helicopter Engineering Aerodynamics, Propulsion, Aircraft system etc) to naval aeronautical personals. He is closely attached to HAL, NAL, DRDO and Air India in connection to projects and technical assignments. Currently, he is associated with the Department of Aerospace Engineering, Gitam University, Hyderabad campus as a faculty member.

The department propose a visit of Dr. Dwivedi to MNNIT Allahabad for two days during October-November 2014 and to share his thoughts and ideas to develop dedicated UG laboratories for Aerospace Engineering. Prof. Dwivedi will also be requested to deliver an expert lecture for the M.Tech. and Ph.D. students of the department.

An estimate of Rs. 10000/- for his TA and boarding/lodging at MNNIT Allahabad and honorarium for expert lecture is enclosed for your kind perusal.

It is, therefore, requested to approve the visit of Dr. Y.D. Dwivedi along with a grant Rs. 10000/- from TEQIP-II.

Submitted for your kind consideration and necessary approval.


Anuj Jain
(Anuj Jain) 15/10/14

Forwarded
R.H.
17.10.14

Approved
D. Dwivedi
13-11-2014

Extimated Expenditure for the Visit of Prof. Y.D. Dwivedi

Sl. No.	Particulars	Estimated Expenditure (Rs.)
1.	To and fro Train Fare (Hyderabad to Allahabad and back)	5000
2.	Stay at EDC for two days	1000
3.	Food	1000
4.	Local conveyance	500
5.	Honorarium for delivering an Expert Lecture	2000
6.	Miscellaneous	500
Total (Rs.)		10000


(Anuj Jain)

A report on the lecture of Dr. Y.D. Dwivedi

Name of the activity: Visit of Dr. Y.D. Dwivedi, Assistant Professor, Department of Aeronautical Engineering, Gitam University (Hyderabad campus), India

Date: 28/10/2014

Objective: Dr. Y.D. Dwivedi was invited at MNNIT Allahabad to deliver an expert lecture on “**Helicopter Aerodynamics**” on 28th October 2014. It is his current research area and he is guiding many Ph.D. students at IIT BHU. The objective of his visit is to interact with the students of MNNIT Allahabad so as to make them aware of current research and innovation.

Report: The lecture was organized for 1 hour at the Seminar room of the Department of Applied Mechanics. The audience like; M. Tech. and Ph.D. student including faculty members. Approximately 40 persons attended the lecture. Dr. Dwivedi talked about the design and development of Rotorcrafts and how the aerodynamic affects its design. He has also shown the national initiatives taken for research and development in Advanced Light Helicopters (*Dhruv*).

Dr. Dwivedi was shown the draft curriculum of B.Tech. (Aerospace Engg.) prepared by the department. He has studied it and given his valuable comments for the improvement of curriculum. He also visited our Fluid Mechanics and Compressible Flow laboratories and also suggested how to develop new laboratories required for the new B.Tech. programme in Aerospace Engg.

Outcome: The students and faculty members interacted with Dr. Y.D. Dwivedi and made clear their doubts. Especially, M. Tech. students were very much influenced with this area. One M.Tech. student of the department is already working in design and development of a desktop supersonic wind tunnel under the joint supervision of Dr. Dwivedi and Dr. A.R. Paul.

Future Action Potential: The Department of Applied Mechanics, which plans to initiate a B.Tech. programme in Aerospace Engineering requires expertise and guidance in developing the laboratories related to Aerospace Engineering. Dr. Y.D. Dwivedi agreed to provide necessary help and expertise to develop various equipment and test facilities required for these new labs. Moreover, considering the sheer interest of the students in the areas of Aero-modeling, Dr. Dwivedi promised to organize an workshop on Aero-modeling in near future by the professionals.



