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To
Dr. Ch. Sai Babu
Registrar, JNTUK
Kakinada

15.11.2016

Dear Sir,

Sub: MOU between JNTUK, Kakinada and PRENTAC, Bangalore

I have attached a copy of the MOU and a note on it for your records.

Best regards

Yours sincerely

(K. V. Rao)

A NOTE ON MOU BETWEEN JNTUK, KAKINADA AND PRENTAC, BANGALORE

Jawaharlal Nehru Technological University Kakinada (JNTUK) has recently signed a Memorandum of Understanding (MOU) with M/s Process Engineering Training And Consulting (PRENTAC), Bangalore, a Consulting firm of a group professional process engineers and consultants having more than 100+ man-years of experience in process safety, process engineering and project management of capital projects related to Oil, gas, refining and petrochemical industry.

The interaction between PRENTAC and JNTUK shall broadly include the following aspects:

- a) Organizing online programs on the subjects in the curriculum as per the syllabus of the UG programmes in chemical engineering petrochemical engineering and petroleum engineering.
- b) Jointly offer short-term industry-oriented skill development courses for petrochemical engineering/petroleum engineering students (both internal and external), to improve their employability in the oil, gas, refining and petrochemical industry.
- c) Provide guidance and mentoring to teaching staff of JNTUK.
- d) Design/Incorporate/Guide/Teach specific modules in the course curriculum.
- e) Visits of PRENTAC personnel for guest lectures, presentation of technical papers for seminars, group interactions, symposia and other industry and/or institute functions.
- f) Provide guidance and support to students on academic projects and assignments.
- g) Joint analysis and study of industrial problems, conduct theoretical studies, literature survey, laboratory scale trials etc.,
- h) Joint consultancy for industry problems.
- i) Any other area of mutual interest.

At the outset, as part of the MOU, the Principal Consultant of PRENTAC, Mr. A. Raja Shekhar, a post graduate chemical engineer from NITK, Surathkal, having more than three decades of experience in Oil & Gas and Engineering, Procurement and Construction companies like Punj Lloyd, KBR and Shell is going to teach a subject entitled "Industrial Safety & Hazard Management" through Skype as an online program to IV year B.Tech. Petrochemical engineering students of the Department of PE & PCE, UCEK (A) and Chemical engineering students of affiliated colleges of JNTUK during the second semester of this academic year.



Memorandum of Understanding (MoU)

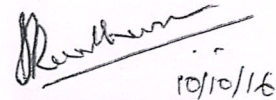
1. The MoU is entered on this day, the 10th October 2016 between Department of Petroleum Engineering and Petrochemical Engineering, University College of Engineering Kakinada Autonomous UCEK(A), Jawaharlal Nehru Technological University Kakinada (JNTUK), Kakinada (hereafter referred to as "INSTITUTE") and Process Engineering Training and Consulting, Bangalore (hereafter referred to as "PRENTAC").
2. The spirit of this MoU is to synergize the various resources available with PRENTAC (viz, Technical and Managerial expertise in the areas of Process Simulation, Basic Process Design and Engineering, Process Safety in Design, Techno-Economic Feasibility Studies, HAZOP/SIL Studies, Technology Assessment and Evaluation, Project Management, Plant Commissioning and Start-Up, Plant Operation and Troubleshooting, Industry Oriented Training and Skill Development related to oil, gas and petrochemical industry, etc.) and the INSTITUTE (viz, Theoretical Background, Research facilities and experience, Infrastructure like testing, analytical labs, vast Technical Literature – Books, Periodicals, Journals, Teaching and Training Facilities, Computer / IT Infrastructure etc.) for mutual advantage.
3. The interaction between PRENTAC and the INSTITUTE shall broadly include the following aspects.
 - a) Jointly offer short-term industry-oriented skill development courses for petrochemical engineering/petroleum engineering students (both internal and external), to improve their employability in the oil, gas, refining and petrochemical industry.
 - b) Provide guidance and mentoring to teaching staff of the INSTITUTE.
 - c) Design/Incorporate/Guide/Teach specific modules in the course curriculum.
 - d) Visits of PRENTAC personnel for guest lectures, presentation of technical papers for seminars, group interactions, symposia and other industry and/or institute functions.
 - e) Provide guidance and support to students on academic projects and assignments.
 - f) Joint analysis and study of industrial problems, conduct theoretical studies, literature survey, laboratory scale trials etc.,
 - g) Joint consultancy for industry problems.
 - h) Any other area of mutual interest.



4. Both PRENTAC and the INSTITUTE will nominate representative(s) to work as a team for effective liaison and successful implementation of this MoU. The team may comprise of two representatives from PRENTAC and one representative – HOD of Chemical Engineering Department/ Programme Director of Petroleum Courses for this team.
5. All the technical and other information and knowledge gained by both PRENTAC and the INSTITUTE (except those which are of general academic nature) will be kept confidential by both the parties and will not be divulged to third parties or published without mutual consent.
6. All interactions between PRENTAC and the INSTITUTE (as indicated in clause 3), be carried out after mutual discussion and agreement.
7. Both PRENTAC and the INSTITUTE will respect each other's rules, regulations, stipulations etc., and will fully abide by them during association.
8. This MoU can be terminated by either of the parties by giving three months notice. During the notice period, the MoU will remain in vogue.
9. This MoU will be valid for a period of three years from 10th October 2016. This can be renewed with mutual consent by the parties after its expiry on 9th October 2019.



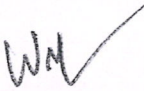
HOD Department of Petroleum Engineering and
Petrochemical Engineering, UCEK (A), JNTUK,
Kakinada (AP)



10/10/16

Principal Consultant
PRENTAC
Bangalore

Concurred by:



Principal, UCEK (A), JNTUK
Dr. G.V.R. PRASADA RAJU
PRINCIPAL
University College of Engineering, Kakinada
Jawaharlal Nehru Technological University Kakinada
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