



F.No. VFSTR/Reg/A1/04/2017_04

Date : 01.08.2018

MINUTES OF THE 20TH MEETING OF ACADEMIC COUNCIL MEETING HELD ON 30TH JULY 2018

The Academic Council of VFSTR met on 30.07.2018 at 11:00 am in the Board Room, 5th Floor, A-Block. Dr. M.Y.S. Prasad, Vice-Chancellor of VFSTR, Chaired the meeting. The following members were present.

Members attended :-

1. Dr. K. Babu Rao : External Member
MD, NAVAYUGA Infotech Pvt. Ltd.,
Hyderabad
2. Dr. Shanti Swarup : External Member
Chief Technology Officer, Uurmi
Systems, Hyderabad
3. Er. D. Rama Krishna : External Member
MD, Efftronics, Vijayawada
4. Dr. P.M.V.Rao : Dean, Academic Registration and
Evaluation
5. Dr. M.S.S. Rukmini : I/c Dean, Engineering & Management and
Dean, Student Affairs
6. Dr. D. Vijayaramu : Dean, Academics and I/c Dean, Foreign
Collaborations
7. Dr. M. Ramakrishna : Dean, IQAC
8. Dr. K.V.Krishna Kishore : Dean, IT & LIS and HoD, Dept. of IT
9. Prof. S. Krupanidhi : Dean, Planning and Monitoring and HoD,
Dept. of Biotechnology
10. Dr. G. Srinivasa Rao : Dean, R&D and HoD, Dept. of EEE
11. Dr. V. Ravi Kumar : Dean, Admissions
12. Dr. M. Ramesh Naidu : HoD, Dept. of Chemical Engineering
13. Dr. N. Ruben : HoD, Dept. of Civil Engineering
14. Dr. D. Venkateswralu : HoD, Dept. of CSE
15. Mr. T. Pitchaiah : HoD, Dept. of ECE
16. Dr. L. S. Raju : HoD, Dept. of Mech. Engg.
17. Dr. N. Srinivasu : HoD, Dept. of Sciences & Humanities
18. Dr. K. Kalpana : HoD, Dept. of MBA
19. Dr. B. Madhusudhan Rao : I/c HoD and Professor, Dept. of MBA

- | | | |
|-----|---------------------------|--|
| 20. | Dr. M. Sreenivasulu | : Professor, Dept. of S&H |
| 21. | Dr. A. Sharada | : Professor, Dept. of S&H |
| 22. | Dr. P.L.N.Varma | : Professor, Dept. of S&H |
| 23. | Dr. N. Veeranjanyulu | : Professor, Dept. of IT |
| 24. | Dr. N. Gnanaswara Rao | : Professor, Dept. of CSE |
| 25. | Dr. K. Hemantha Kumar | : Professor, Dept. of CSE |
| 26. | Dr. B.Seetharamanjanyulu | : Professor, Dept. of ECE |
| 27. | Dr. N.Usha Rani | : Professor, Dept. of ECE |
| 28. | Dr. Shaik Jakeer Husaian | : Professor, Dept. of ECE |
| 29. | Dr. K. Venkata Rao | : Professor, Dept. of Mech. Engg. |
| 30. | Mr. B. Jagan Mohan Rao | : Asst. Prof., Dept. of Mechanical Engg. |
| 31. | Mr. A. Nagabhushan | : Asst. Prof., Dept. of MBA |
| 32. | Mrs. A. Rajani Kumari | : Librarian |
| 33. | Mr. K. Dasaradha Ramaiah | : Physical Director |
| 34. | Mr. A. Gouri Sankar Rao | : Asst. Registrar |
| 35. | Cmde. Dr. M.S.Raghunathan | : Registrar and Member Secretary |

Leave of Absence

The following members did not attend the meeting :-

- | | | |
|----|---|-----------------|
| 1. | Dr. Shakeel Ahmad
Pro Vice - Chancellor, Maulana Azad National Urdu University | External Member |
| 2. | Mr. D. Vijay Krishna, Dean - T&P, VFSTR | Internal Member |
| 3. | Mr. D. Satyanarayana, HoD, Dept. of Applied Engg. | Internal Member |

Student participants

1. Ms.Amrutha.G., Reg. No. 151FA01058
2. Ms.M.Nandini, Reg. No. 161FA06019
3. Mr.Shaik Nagur Shareef, Reg. No. 161FA04195
4. Mr. S.Sai Kumar, Reg. No. 151FA06022
5. Mr. A. Harsha Gopal, Reg. No. 161FA12002
6. Mr. K. Goutham, Reg. No. 161FA09002
7. Mr.A.V.V.N.S. Karthik, Reg. No. 161LA10003
8. Mr.S.Bharadwaj, Reg. No. 161LA10004
9. Mr.B.Sai. Vamsi, Reg. No. 161LA10007
10. Mr. Jonah Watts, Reg. No. 151FA16014
11. Mr.Md. Arshad Alikhan, Reg. No. 161FA05107
12. Ms. A. Madhu Keerthi, Reg. No. 161FA04425
13. Ms. B. Abhida, Reg. No. 161FA03001

Proceedings

Vice-Chancellor Dr. M.Y.S. Prasad expressed his contentment about the progress on the 6th convocation to be held on 4 August 2018. He conveyed that the highlight of the convocation would be the 16 PhD degrees to be awarded in this academic year alone vis-à-vis the cumulative 9 PhD degrees awarded over the last few years. Thereafter he invited Honourable Chancellor, Prof. Ramamurthy Naidu for the opening remarks. Prof. Ramamurthy Naidu welcomed the external members Dr. Santhi Swarup, Chief Technical Officer, Uurmi Systems, Er. D. Rama Krishna, MD, Efftronics Systems Pvt. Ltd. and Dr. Babu Rao, MD-Navayuga Infotech to the meeting.

Following his remarks, the Registrar, Cmde. Dr. M.S. Raghunathan commenced the meeting.

I. Confirmation of the Minutes of the previous meeting.

The minutes of the 19th Academic Council meeting was presented to the Council. There being no suggestions or remarks from the members, the same have been passed by the Council.

II. Actions taken on the decisions of the previous meeting.

Dean Academics, Dr. Vijayramu briefed the Council on the action taken on the inclusion of a two week class of introductory nature on Vehicles Maintenance software. He informed the council that, the course would be conducted through support from ISIE. The course with proper planning is to be conducted during the winter break.

Thereafter, he explained the Council on the modus operandi of the modular courses. He gave details about the same from various departments. Prof. Ramamurthy Naidu enquired about the benefits of the course. Vice-Chancellor Dr. M.Y.S. Prasad clarified that the courses were taught by resource persons from industries and that these courses cover topics that are pertinent to the industries but are generally not a part of the syllabus. He said that the courses served to bridge the gap between academia and industry.

Dr. Venkateswarlu Dondeti, HOD CSE placed the details of the 4 modular courses identified by the Department of Computer Sciences and Engineering. Dr. Shanti Swarup opined that inclusion of GPU programming courses for the operation of Android in cars would be useful. Er.D. Ramakrishna recommended the inclusion of FPGS and Dr.K. Babu Rao suggested the inclusion of AWS as a part of the course. Er.D. Ramakrishna also suggested the use of PCPC and MLBC softwares too. Dr. Shanti Swarup suggested to utilize the model based design as it is much useful in both industry and academia.

This was followed by the briefing on the inclusion of experts from both academia and industry on the Board of Studies. Dean Academics explained the action taken on the same followed by which Dean IT Services and LIS, Dr. K.V. Krishna Kishore explained the steps taken towards the digital fortification of all engineering activities.

Dr. Venkateswarlu Dondeti, HOD CSE briefed on the actions taken with regard to the introduction of an Algorithm course across the branches as proposed in the previous meeting of the Academic Council. Vice Chancellor, Dr.M.Y.S. Prasad enquired about the anticipated time of the introduction of the course. Er.D. Ramakrishna enquired on the kind of algorithm courses intended to be offered. Thereafter he discussed the basic algorithm to be taught across branches. He commented that the teaching of algorithm should focus on the ways to build them as well as the translation of a given algorithm. He conveyed that the course must focus on the teaching of both the aforementioned dimensions. Dr.Swarup recommended to make use of MIT's online resources and other online libraries.

The next was briefing by Dr. A. Sharada, Professor of English, Department of S& H on the proposed course of MA in English from the academic year 2019-2020. She clarified to the Council that as per the recommendations of the Academic Council and the Board of Studies, Literature content in the syllabus has been reduced. Two focus areas namely ELT and Content Writing have been included. Under the rubric of Content Writing, two courses, Technical Writing and Writing for Journalism have been incorporated. This is in addition to the courses, Introduction to Writing Skills and Cambridge Advanced Proficiency Certificate which would be a part of the programme. She informed the Council that the syllabus for the same has been framed too.

Dr.P.L.N. Verma, Professor of Mathematics, Department of Sciences & Humanities briefed upon the MSc. Mathematics programme proposed for the academic year 2019-2020. He informed the committee that after deliberation with various institutes and experts, M.Sc in Mathematics seemed to be the feasible way than a programme in Applied Mathematics both from job perspective point of view as well as for various national competitive exams like NET, SLET etc. Dr.Swarup suggested that the programme could include specialization in formal methods in Mathematics as they are widely used in software in cars and robotics surgery. He said that as long as the application part of the discipline is covered, the naming of the course is secondary. Chancellor, Prof.Ramamurthy Naidu enquired the expected student strength for the programme. D.Ramakrishna opined that the objectives of the programme should reach the candidates as well as the society in its right terms. Seminars and awareness programmes would help this cause and this, in turn, would solve the issue of lower student strength. He also opined that inclusion of Analytics would be of added value to the course. Inclusion of Analytics, in his opinion, is beneficial to job seekers across disciplines. He kindly offered to figure out the latest dimensions in Mathematics along with Dr.Swarup.

Thereafter, Dr.Vijayramu, Dean Academics briefed on the proposal for one month mandatory internship for all students. He conveyed to the Council that the possibility for the same was being looked into and that one month duration was not agreeable to the industries. He opined that the proposal required further review. Next, he informed the Council about the proposal to assign students to experts with

hands-on knowledge of the machines. Dr. Ashutosh was contacted for the same, as suggested by Dr. Swarup and he had responded positively. Dr. Vijayramu informed that the resource person has agreed to come down to the university for interactive sessions with the students.

III. Agenda Items for Approval

a) Results of passed out batch for award of degrees

Dr. P.M.V. Rao, Dean Evaluation, presented the result of the students eligible for the award of degree. He briefed on the statistics of the pass percentage of the students over eight semesters and percentage of students who have cleared their exams without any backlogs. Dr. Swarup enquired about the distribution of the clearance of backlogs. Dr. N. Usha Rani, Professor of ECE, commented that the students got easier and responsive to the system towards the 3rd year as they get assimilated into the stream and there is more rush to graduate and get placed. Hence, most of the backlogs are covered from the 3rd year through 4th year. Dr. Swarup suggested identifying the tougher subjects and doing the needful to bring down the number of backlogs in the same. Dr. P.M.V. Rao, Dean Evaluation informed the Council that analysis of the same was done regularly across the departments. Special summer semester followed by supplementary exams make up for the gaps in learning. Dr. Swarup suggested to perform an year on year analysis of the percentage of backlogs. He also recommended to include the distribution of GPA for the students with distinction in the presentation.

Dr. P.M.V. Rao informed the Council that the best students with a GPA of 8.5 and higher, across the branches would be awarded an Honours degree from the next academic year. In addition to the GPA requirement, the students must take four additional courses to be eligible for the degree. The same has been communicated to the third year students.

Thereafter, Dr. P.M.V. Rao, Dean Evaluation, briefed on the degrees to be awarded across the branches and programmes in the 6th Convocation 2018. The highlight of the presentation was the improved number of PhD degrees awarded. Prof. Ramamoorthy Naidu, Chancellor VFSTR, enquired about the evaluation procedure followed for Ph.D. Dr. G.Srinivasa Rao, Dean R &D briefed on the same.

This was followed by a briefing on the awards and medals to be distributed to the meritorious students and academic achievers. The categories under the same were academic awards, best outgoing student award, Chairman's gold medal, and endowment awards. The branch wise list of the same with criteria of selection was presented to the Council. A list of the honorary doctorates to be awarded with the recipients' profile was also presented. It was decided that in the coming years an award may be instituted to honour students with exemplary achievements in non-academic fields. Dr. Swarup recommended the institution of a Platinum award for this reason which may include students who have been recognized by an external agency.

The Council has approved the award of degrees in the 6th Convocation 2018.

IV. Agenda Items for Ratification

NIL

V. Agenda Items for Information

All the under-mentioned agenda items were presented for the information of the Council.

a) Sixth Convocation-2018

Cmde. Dr.M.S. Raghunathan, Registrar sought the approval of the Council for the award of degrees and honorary doctorates. The same was approved.

b) Faculty acquired Ph.D. since last AC meeting held on 12.05.2018.

[presented by Dean R&D]

c) Pharmacy Council of India (PCI) and AICTE approval for the commencement of B.Pharmacy course from the Academic year 2018-19.

Cmde. Dr.M.S. Raghunathan, Registrar, VFSTR, informed the Council that UGC approval for the same is awaited.

d) Four VFSTR students selected for NTU-Global India connect Programme, Singapore

[presented by Dean Academics]

e) Filing of International patents [presented by Dean R&D]

f) Faculty Development Programme in collaboration with NITTTR, Bhopal

[presented by Dr. A. Sharada, Prof. of English, Dept. of S&H]

g) Faculty Orientation Programme

[presented by Dr. A. Sharada, Prof. of English, Dept. of S&H]

h) APSSDC - Skill development

[presented by Mr. M.V.S.Sobhan, Assoc. Prof. of EEE]

i) Funded ongoing projects a) external funding b) In-house funding

[presented by Dean R&D]

j) Establishment of Structural Engineering Research Lab

[presented by HOD, Dept. of Civil Engineering]

k) Establishment of Bio-gas plant

[presented by HOD, Department of Biotechnology]

VI. Any other points with the permission of the chair.

The Council emphasized on the need of developing and maintaining high standards in the research output in the university. Er.D.Ramakrishna opined that teaching in the university must focus on value creation and value deliverance which on one hand would give better dimensions to teaching and on the other hand would improve research and patents. He suggested the inclusion of training in Analytics and IOT across branches. In addition to this, he stressed upon including measures in the curriculum that would focus on imparting at least one skill per semester. Dr.Swarup

stressed upon the promotion of machine learning, deep learning and MOOCs as the way ahead.

Student members present for the meeting appreciated the efforts of the university in striving to build an academically challenging and stimulating environment. The Vice-Chancellor thanked the members for their valuable inputs. The members of the Academic Council were thanked and felicitated by the Chairman.

The decisions / actions from the 20th Academic Council Meeting are as given below:

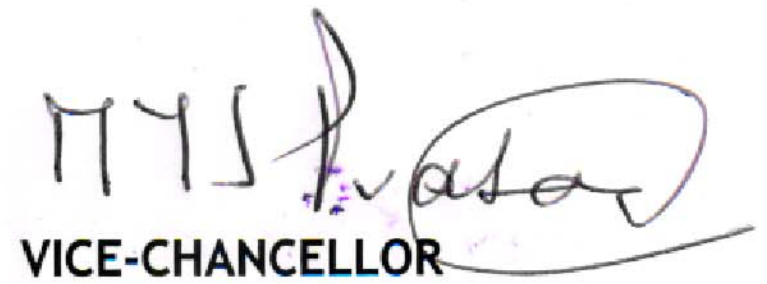
- a) As per the suggestion of the Council, the students must be given training in PCPE and MLBC software. [HOD ECE]
- b) An update must be given on the Algorithmn Design course in relation to the time frame of its commencement and the structure of the course. [HOD CSE]
- c) Departments of ECE and EEE must work together to model their labs that offer expert testing facilities which in turn would facilitate both revenue generation and in-house research. [HOD ECE & EEE]
- d) In connection with the above, the departments must organize workshops and invite the industries to publicize the same. [HOD ECE & EEE]

There being no further points, the meeting was adjourned.



REGISTRAR

VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/S 3 of UGC Act 1956)
VADLAMUDI-522 213.
A.P. INDIA



VICE-CHANCELLOR

VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/S 3 of UGC Act 1956)
VADLAMUDI-522 213.
A.P. INDIA