



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

Estd. u/s 3 of UGC Act 1956



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

Date:18th May 2018

MINUTES OF THE 19TH MEETING OF ACADEMIC COUNCIL HELD ON

12TH MAY 2018

The Academic Council of VFSTR met on 12.05.2018 at 10:00 AM in the Board Room, 5th Floor, A-Block. Dr. M.Y.S. Prasad, Vice-Chancellor of VFSTR, Chaired the meeting.

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. M.S.S. Rukmini : I/C Dean, Engineering & Management and
Dean, Student Affairs
5. Dr. D. VijayaRamu : Dean, Academics and I/C Dean, Foreign
Collaborations
6. Dr. P.M.V.Rao : Dean, Academic Registration and Evaluation
7. Dr. M. Ramakrishna : Dean, IQAC
8. Dr. M. Ramesh Naidu : I/C Dean, Training and Placements and HoD,
Chemical Engineering
9. Mr. B. Premamayudu : I/C Dean, IT & LIS and HoD, IT
10. Dr. S. Asha : I/C Dean, Planning and Monitoring and
HoD, Biotechnology
11. Dr. G. Srinivasa Rao : Dean, R&D and HoD, EEE
12. Mr. D. Satyanarayana : HoD, Applied Engineering
13. Dr. N. Ruben : HoD, Civil Engineering
14. Dr.D. Venkateswralu : HoD, CSE
15. Mr. T. Pitchaiah : HoD, ECE
16. Dr. L. S. Raju : HoD, Mech. Engg.
17. Dr. N.Srinivasu : HoD, Sciences & Humanities
18. Dr. B. Madhusudhan Rao : I/CHoD and Professor, Dept. of MBA
19. Dr. P. Srinivasa Reddy : Professor, Dept. of MBA

20. Dr. P. S. Ravindra : Professor, Dept. of MBA
21. Dr. S. M. Murali Krishna : Professor, Dept. of MBA
22. Dr. M. Sreenivasulu : Professor, Dept. of S&H
23. Dr. A. Sharada : Professor, Dept. of S&H
24. Dr. P.L.N.Varma : Professor, Dept. of S&H
25. Dr. Kunderu Lakshmi Narayana : Professor, Dept. of S&H
26. Dr. N Phani Kumar : Professor, Dept. of S&H
27. Dr. K. G. Madhwaraj : Professor, Dept. of IT
28. Dr. N. Veeranjanyulu : Professor, Dept. of IT
29. Dr. N.Gnaneswara Rao : Professor, Dept. of CSE
30. Dr. K. Hemantha Kumar : Professor, Dept. of CSE
31. Dr. C. Narasimham : Professor, Dept. of CSE
32. Dr. K. Venkata Rao : Professor, Dept. of CSE
33. Dr. DebnathBhattacharayya : Professor, Dept. of CSE
34. Dr. N Murali Krishna : Professor, Dept. of CSE
35. Dr. C. Srinivasa Kumar : Professor, Dept. of CSE
36. Dr. B Prakash : Professor, Dept. of CSE
37. Dr. M. Benswarup : Professor, Dept. of CSE
38. Dr. B.Seetharamanjanyulu : Professor, Dept. of ECE
39. Dr. N.Usha Rani : Professor, Dept. of ECE
40. Dr. ShaikJakeerHusaian : Professor, Dept. of ECE
41. Dr. J. Sudhakar : Professor, Dept. of ECE
42. Dr. P. A. Harshavardhini : Professor, Dept. of ECE
43. Dr. R. P. Das : Professor, Dept. of ECE
44. Dr. B. VijayaLaxmi : Professor, Dept. of ECE
45. Dr. N Dinesh Kumar : Professor, Dept. of ECE
46. Dr.T Rama Subba Reddy : Professor, Dept. of EEE
47. Dr.G.V.Nagesh Kumar : Professor, Dept. of EEE
48. Dr. G DurgaSukumar : Professor, Dept. of EEE
49. Dr. K. Venkata Rao : Professor, Dept. of Mech. Engg.
50. Dr. Lokireddi. V. V. Gopal Rao : Professor, Dept. of Mech. Engg.
51. Mr. P.V.S.Sobhan : Assoc. Prof., Dept. of EEE
52. Mr. B. Jagan Mohan Rao : Asst. Prof., Dept. of Mechanical Engg.
53. Mr. A. Nagabhushan : Asst. Prof., Dept. of MBA
54. Mrs. A. RajaniKumari : Librarian
55. Mr. K. DasaradhaRamaiah : Physical Director
56. Mr. A. GouriSankar Rao : Asst. Registrar

57. Cmde. Dr. M.S.Raghunathan : Registrar and Member Secretary

Leave of Absence:

The following members did not attend the meeting:-

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|---|-----------------|
| 1. Dr. Shakeel Ahmad | External Member |
| Pro Vice-Chancellor, Maulana Azad National Urdu University | |
| 2. Dr. V. Ravi Kumar, Dean – Admissions, VFSTR | Internal Member |
| 3. Dr. T. V .Madhusudhana Rao, Professor, Dept. of CSE | Internal Member |
| 4. Dr. J. Venkateswara Rao, Professor, Dept. of ECE | Internal Member |
| 5. Dr. B. Sateesh, Professor, Dept. of Mech. Engg. | Internal Member |
| 6. Dr. Purna Chandra Rao V, Professor, Dept. of Civil Engg. | Internal Member |

Student invitees attended:

1. Ms. Ravi Vyshnavi, Reg. No. 141FC01049
2. Ms. T. Sri Amrutha Valli, Reg. No. 141FA05054
3. Ms. K. Harika, Reg. No. 171FA04154
4. Ms. U. Mounika, Reg. No. 171FA04181
5. Ms. P. Akanksha, Reg. No. 171FA05321
6. Ms. M. Pravallikadevi, Reg. No. 161FA05393
7. Ms. V. Gayathri, Reg. No. 161FA04204

PROCEEDINGS

The Registrar, Cmde. Dr. M.S. Raghunathan commenced the meeting by welcoming all the members present and introduced the external members of the Academic Council. Thereafter, the Vice Chancellor expressed his gratitude towards the external members Dr. Shanti Swarup, Chief Technical Officer, Uurmi Systems, Er.D. Rama Krishna, MD, Efftronics Systems Pvt. Ltd. and Dr.Babu Rao, MD-NavayugaInfotech for their presence.

1. Confirmation of the minutes of the previous meeting.

The minutes of the 18th Academic Council meeting were presented to the Council and there being no suggestions or remarks from the members, the same have been passed by the Council.

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

Dr.VijayaRamu, Dean-Academics and International Collaborations presented the report on the actions taken on the decisions of the previous Academic Council meeting. He highlighted the industry expectations for each of the courses and the quality of skills imparted through them. Er. Rama Krishna advised upon the need for rigorous practice in the latest available software for efficient skill development. He suggested the inclusion of one course per semester that exclusively focuses on skill development through a foolproof methodology where hundred per cent of the students achieve the target skill. Additionally, the course was expected to instill a sense of management of technology and digital knowledge too. The Vice Chancellor agreed

with the opinion and suggested for the inclusion of a course of this nature accompanied by assignments as repeated operations with the technology would make the student an expert in the same. Dr. VijayaRamu clarified that the above points were taken care of through introduction of minor projects as a component for many of the courses. Dr. Shanti Swarup appreciated the move.

Thereafter, Dr.D.VijayaRamu called upon the Heads of the Department to brief upon the modular courses offered in their respective departments. Dr. VenkatesuluDondeti, HOD CSE briefed on the outcomes of the courses offered by the Department of Computer Sciences and Engineering. He explained the role played by minor projects along with the lab component in the achievement of application oriented learning. Dr. Shanti Swarup advised for the inclusion of a two week class of introductory nature on Vehicles Maintenance Software along with training on Android to have a learning system that is responsive to market needs.

This was followed by the briefing on the course specializations of the department by the Heads of ECE and Mechanical Engineering. The future course of action for further improvement was explained by the Vice-Chancellor. He recommended the teaching of the modular courses to be facilitated by industry personnel to fix the gaps created in theory and application.

Dean AR&E, Dr.P.M.V.Rao explained the steps adopted in the evaluation system to extend learning beyond classroom teaching. The introduction of the minor projects across courses with an external evaluation and a viva-voce, he believes, has expanded the learning horizon of the students. This was followed by a briefing on T&P by Dr. Ramesh Naidu, HOD, Chemical Engineering. Dr. Shanti Swarup recommended presentations on the latest trends and technology in the field to the students. Er. Rama Krishna advised to have both academics and industry experts to be available on the Board of Studies in the right proportions for effective functioning of the academic system.

Dr. VenkatesuluDondeti contended the introduction of a course in algorithm for all branches. He expounded that this initiative would help the students to approach problem solving through programming language. Er.Rama Krishna and Dr. Shanti Swarup recommended for the digital fortification of all engineering activities and in depth learning throughout the 3rd and 4th years.

Dr. Swarup advised to utilize the online library resources available that use data structures, or programming languages. He opined that introduction to these would be of great importance as industries exploit these a lot.

Vice Chancellor formed a committee to design an optional Algorithm Development course in which 50 engineering problems across the branches can be compiled and

worked upon. The committee would include Dean Academics, Heads of the Department IT, CSE and ECE. The committee should present its works in the next Academic Council meeting.

3. Agenda items for approval

a) Revision of Curriculum, Structure and Regulations for BCA and MCA programmes

The revised curriculum of R18 BCA and MCA along with its structure and regulations following Choice based credit system (CBCS) were presented by Dr. B. Premamayudu, Associate professor, Department of IT. All the courses in the curriculum are framed to impart skill development, employability and promote the spirit of entrepreneurship. The curriculum offers Soft skill based courses for enhancing employment opportunities and lab sessions for communication improvement. The feedback from various stakeholders including employers, students, teachers, parents, alumni for revision of curriculum was reviewed and recommended by BoS.

The salient features of both the revised programmes are

BCA

- The program consists of basic mathematical courses instead of the advanced Engineering Mathematics course with a revision of credits to 132.
- It would also have courses in POP, OOP, Scripting, Statistical and Web Languages.
- In addition to these, it would also include elective courses, mini project and advanced courses for placements.

MCA

- The credits would be revised to 156 and would include both integrated theory and lab.
- It would include specialized web application courses, mini project and advanced courses for placements.

b) Ph.D (Computer Applications)

- The revised MCA Courses can be opted by scholars pursuing Ph.D in Computer Applications.

Outcome: The revised Curriculum, structure and regulations of R18 BCA, MCA and Ph.D in Computer Applications Programmes was approved.

c) Modifications of two existing courses for ECE in R-16

- Digital Communications
- Micro Processors and Micro Controllers

Dr. Shaik Jakeer Hussain, Prof. Dept of ECE informed the Council that both the courses were modified to keep up with the GATE syllabus. The Council approved of

the modifications. However, it advised to build advanced material too into the syllabus. The model based computing system was discussed for considering the same in the syllabus. Dr. Swarup recommended to introduce the students to GPU and HUDA.

d) Courses for Ph.D. scholars in various disciplines

The list of courses proposed by respective departments based upon the recommendation of BoS members and DRC to Ph.D. scholars are presented. The scholars are given the option to choose courses for the completion of their course work. In addition to the aforementioned courses, scholars are also provided the choice to opt courses from the existing Masters program in their discipline, if they exist

Outcome: All the courses for Ph.D were approved by the members.

IV Agenda items for ratification

Nil

V Agenda items for information

i. AICTE visit during 4th March 2018 and subsequent approval for the Academic Year 2018-19

The same was briefed to the members.

ii. Results of First semester of Academic year 2017-18

The same was presented to the members. The attendance limit of 80 per cent, compulsory exams, regular monitoring of the performance, counseling and enrollment of students with sound academic records were the points stressed under the same.

Er. Rama Krishna sought details on the percentage of students who have undertaken internship programmes. Dr. Venkatesulu Dondeti, HOD CSE, reported on the same. The internal members opined that the internships helped the students to acquire the qualities required for a professional life. Dean Academics informed the Council that there is a proposal for one-month mandatory internship. At this point, the Vice Chancellor advised to enquire with the industries if they have a provision for the same.

iii. Sports Fete and Vignan Mahotsav-2018

Dr. M.S.S. Rukmini, Dean of Student Affairs, briefed upon the various technical fests which were all guided by industrial support. A report was presented on the cultural fest too. The Vice Chancellor proposed for the presentation of three best projects selected in such fests in the Academic Council meetings to assess their quality and to encourage the students.

iv. International student exchange programme

Dean Academics, Dr.D.VijayaRamu conveyed the acceptance of four students one each from Biotechnology, Bio Informatics, Mechanical and Computer Science from the University for an Internship programme at Nanyang Technological University, Singapore through the NTU-Global India Connect Program. Two others have been

accepted at Korea Tech University and one at Hannam University. Er. Rama Krishna enquired if there could be faculty exchange too. He explained the benefits that can be achieved by giving such an exposure. Dr.Swarup advised to assure that the students visiting these universities spread the network and pave the way for others to do the same in future.

v. Status of campus placements and felicitation of parents of students placed through campus placements

A total of 62 companies visited the campus for the recruitment. The Council was informed that out the total strength of 1015, the number of students placed were 792. All the placements were internship based. Dr. Ramesh Naidu, HOD, Chemical Engineering shared that a previous student of the university was given an increment above the pay package that was agreed upon because of his outstanding contribution in the work field. Also, the parents of the students who were placed were felicitated. The Academic Council appreciated the work done by the Training and Placement Cell.

vi. Commissioning of 1MW Roof Top Solar PV Plant on 18th March 2018

A briefing was given on the working and the logistics of the plant. The plant was said to be catering to 40 per cent of the power requirements of the university. The academic council appreciated the efforts of the team involved.

vii. One more skill development lab sanctioned by APSSDC

It was informed that an amount of sevenlakhs was sanctioned by APSSDC the previous year. The university got another lab, the CM's Skill Excellence Centre (CMSEC) sanctioned for this year. The certification programmes under the lab was explained to the Council. Er.Ramakrishna enquired the course of utilization of the courses offered in the lab. He also advised to closely monitor the capabilities of the students who have taken these courses. Dr.Swarup advised in favor of having the lab 24x7. The Vice Chancellor advised to explore the possibilities of having the courses under APSSDC taught by the faculty of the university. Overall, the Council appreciated the efforts of the team.

viii. Parent-Teachers' Association (PTA meeting)

Dean of Student Affairs gave a gist of the events conducted in connection with the PTA. The event was conducted in two phases. The session for the second, third and the fourth year students was conducted in the month of February,2018 and the one for the first year in the month of March, 2018. The sessions were specially designed to enable interaction with the parents of the students with backlogs, shortage of attendance and general demeanor. The session also provided a platform for an interaction between the counselors and the parents.

ix. URB meeting conducted on 20th April 2018

Dr. G. Srinivasa Rao, Dean R & D briefed the members on the modifications made in the Ph.D. regulations. The resident requirement for part-time Ph.D. scholars has been increased from 40 hrs to 80 hrs per semester. A comprehensive viva is mandatory at the end of one year of enrolment. Failure in the same would result in the termination of the admission. An open viva-voce and ODEC evaluation would be done separately. In addition to this, for the submission of thesis, publication of two papers and presentations in two conferences is made mandatory. The Vice Chancellor advised that any relaxation made on the approval of PhDs must be reviewed case by case.

x. Faculty acquired PhD

A report on the same was given.

Dr. Swarup recommended the method of inverted MOOCS to overcome the difficulty of preparing assignments or problem statements for the entire class. Teachers must also pay attention towards checking plagiarism. Dr.Swarup recommended assigning students to experts with hands-on knowledge of the machines to train them. He recommended Dr.Ashutosh as a resource person for the same.

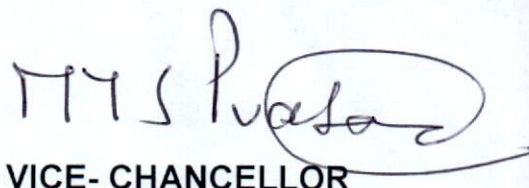
The Council felt that more quantitative data has to be presented to analyze the evolution and growth down the years. The Vice Chancellor thanked everyone for their presence. The members of the Academic Council were thanked and felicitated by the Chairman.

There being no further points, the meeting was adjourned.



REGISTRAR

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VICE- CHANCELLOR

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