



Date: 01st July, 2013

MINUTES OF THE 07th MEETING OF ACADEMIC COUNCIL ON 26th JUNE 2013

The 07th Academic Council of Vignan University met on 26.06.2013 at 10.30 am in the Srujana Seminar Hall with Dr.M.S.C.Bose, Vice-Chancellor in the Chair.

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Members attended:

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| 1. Dr. M.S.C.Bose | Vice-Chancellor – Chairman |
| 2. Dr.Shanthi Swaroop | Chief Technology Officer, Uurmi Systems |
| 3. Sri.G.Sridhar | President and CEO of Paradigm, IT |
| 4. Mr.D.Rama Krishna | MD, Efftronics Systems Pvt. Ltd. |
| 5. Dr.K.Babu Rao | Director, NAVAYUGA INFOTECH |
| 6. Dr.V.Madhusudhan Rao | Director, DET |
| 7. Dr.K.V.Radha Kishan | Member |
| 8. Dr.R.Venkatnadh | Member |
| 9. Dr.B.Seetharamanjaneyulu | Member |
| 10. Dr.A.Srinivasa Prasad | Member |
| 11. Dr.K.Phaneendra Kumar | Member |
| 12. Prof. K.V.Kirshna Kishore | Member |
| 13. Mr.E.Srinivas | Member |
| 14. Dr. M. Srinivasulu | Member |
| 15. Dr.N.Veeranjaneyulu | Member |
| 16. Mr.P.Ashok Kumar | Member |
| 17. Mr.A.Raghu Nath | Member |
| 18. Dr.B.M.Rao | Member |
| 19. Mr.G.Srinivasa Rao | Member |
| 20. Dr.M.M.Naidu | Member |

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| 21. | Dr.S.Krupanidhi | Member |
| 22. | Dr.Avireni Srnivasulu | Member |
| 23. | Dr.P.M.V.Rao | Member |
| 24. | Dr.P.Purushotam | Member |
| 25. | Dr.Y.V.Rao | Member |
| 26. | Dr.N.Srinivasu | Member |
| 27. | Mrs. A. Sharada | Member |
| 28. | Mrs.N.Usha Rani | Member |
| 29. | Mr.Y.R.Tagore | Member |
| 30. | Mr.A.Leelamohan Rao | Member Secretary |

REPORT

At the outset the Vice-Chancellor Prof.M.S.C.Bose welcomed all the members and then introduced new members of the reconstituted Academic Council. All the external members were presented with bouquets.

Then the Vice-Chancellor moved a resolution placing on record the appreciation of the Academic Council for the services rendered by the former Vice-Chancellor Dr. V. Govardhana Rao as Chairman of the Academic Council as well as the Vice-Chancellor in taking many new initiatives for improving the University. The resolution included appreciation for the services rendered by the external members Prof.N. SivaPrasad, Dr.G.S.Raju.

Then the Agenda was taken up for discussion

1. Agenda for information

Confirmation of the minutes of the previous meeting

The Vice-Chancellor invited suggestions of the members for modifications if any to the draft minutes, of the meeting held on 19.06.2012. As there were no comments or suggestions the draft minutes circulated to the members was deemed to have been approved.

2. Agenda items for approval

I.Revision of B.Tech Curriculum

Dr.Seetharamanjaneyulu said that it is proposed to revise existing B.Tech curriculum, structure and regulations for 2013-2014 admitted batch. Director, Academics has expressed that R13 has been improvised compared with existing

curriculum by offering seminar, mini projects and including more minor electives. Choice based credit system (CBCS) is implemented in the curriculum. All the courses in the programmes cater to the needs of employability or entrepreneurship or tend to enrich skills. The feedback from various stake holders including Students, Employers, Teachers, Alumni, and Parents was carefully reviewed and recommended by BoS for design of R13 B.Tech Curriculum.

Outcome: The B.Tech (R13) Curriculum, structure and regulations of various programmes is approved.

I. Introduction of new Programme - B.Tech in Agriculture Engineering from the Academic year 2013-14

Director (Admissions) has explained the need of launching B.Tech Agriculture Engineering program and its prospects in the long run. He has presented a detailed report about the programme and about the discussions they had made with various industries. The program is floated to support farming community in the region through technology transfer by developing farm implements, soil management, etc.

HoD, Mechanical Engineering has presented the structure of B.Tech Agriculture Engineering Programme which follows Choice based credit system (CBCS) with R13 regulations. The contents were reviewed and recommended by BoS for approval.

Outcome: The B.Tech Agriculture Engineering programme along with its Curriculum and Structure is approved.

II. Admissions

Dr. R.Venkat Nath, Director (Admissions) said for the academic year 2013-14 VSAT was conducted on line from 14.04.2013 to 20.04.2013 at 15 centers in the State and at Imphal, Manipur on 19.05.2013 and at Kathmandu (Nepal) on 25.05.2013. The results and the ranks were announced on 06.05.2013 at 12:00 noon by the Vice-Chancellor of the University. Counseling for admissions began on 15.05.2013. As on 25.06.2013, the total number of students admitted into B.Tech programmes inclusive of all branches were 952. The class work will commence from 03rd July, 2013 for the 1st year B.Tech. students.

He informed the members that there was good response for admission into ECE and CSE branches. He stated that the response for admission into B.Tech (Agriculture Engineering) was also very encouraging and put the number of admissions at 19 as on date in that programme. He gave details of admissions as on date branch-wise and expressed satisfaction.

Regarding PG admissions Dr.R.Venkatanadh informed the members that to attract meritorious students to join PG programmes a fee waiver scheme was offered to the

GATE qualified candidates. He explained the scheme in detail. 8 GATE qualified candidates registered themselves till that time.

III. Results

The Controller of Examinations Dr.P.M.V Rao read out the details of the results.

IV. Faculty Recruitment

The Vice-Chancellor informed the members that faculty recruitment was done in the month of May/June, 2013 duly inviting applications from eligible candidates through a notification published in the news papers and a copy placed in the university's website. Eligible candidates were invited to appear for a written test in the first instance and give a demo and face interview before the University Selection Committee which included external experts. In case of urgent need, candidates whose resumes were available with the Heads of Department were called for a written test and interview and successful candidates were given adhoc/temporary appointment subject to ratification by the University Selection Committee. In order to recruit candidates who studied at IITs and NITs a committee headed by the Vice-Chancellor visited the IITs and recruited faculty with the help of the Placement Cells of the IITs.

The Vice-Chancellor said that there was good response and the candidates interviewed were shortlisted based on merit. Quality and competence were given importance even during interview.

The members were told that 62 candidates were selected in all and appointment letters were sent to all of them and 14 candidates joined already. Out of 62 recruited, 18 were Ph.Ds and 31 were M.Techs from IITs / NITs.

Dr.B. Seetharamanjaneyulu told that the course was jointly offered by the Departments of CSE and ECE and the faculty of these two departments would handle classes for the present.

At this stage Mr. D. Ramakrishna wanted to know how many faculty members left the institution. Dr.V.M.Rao, Director, DET informed that only 7 faculty left during this academic year. When asked about the number of Ph.D holders he replied that 24 per cent of the faculty were possessing Ph.D.

Mr. D. Ramakrishna suggested to recruit faculty returning from other countries. Dr.V.M.Rao told that one faculty returning from Germany and another faculty returning from USA were expected to join the University soon.

V. Workshops, Conferences organized

The Vice-Chancellor informed the members that the University had been encouraging the departments to organize at least one national / international workshop / conference every year. He said sufficient budget was being provided by the University while the departments were advised to seek funds from the DST and

other government departments. He gave the details of workshops/ conferences organized by various departments during last year.

He informed further that the departments were encouraged to arrange guest lectures from academia as well as industry professionals.

At this stage Dr.Santhi Swaroop asked whether the benefit arising out of such workshops and conferences was being measured. Dr. B. Seetharamanjaneyulu told that the students were very much benefited because the topics selected were such that they were not in the curriculum and hence not covered in the regular classes. Mr.G.Sridhar asked whether participation in the workshops and conferences was not optional.

The Vice-Chancellor said that recently the Library organized a workshop in which 161 Librarians from various Engineering colleges across the State participated. Dr. S.Krupanidhi informed the members that a Special Training programme was conducted by the Department of Biotechnology on Immunology Techniques with the funds provided by the DBT and faculty from different colleges from all over the country participated. He said that SV University reconducted that programme again and that the students of Vignan University took up dissertation on the said theme.

At this stage Dr.K. Babu Rao intervened and pointed out that the question was whether any matrix was developed to measure the benefit from these workshops and conferences.

Dr. Santhi swaroop said the benefit for the participants and the organizers should be measured.

Dr.V.M.Rao told that the feedback had been collected.

Dr.K.Babu Rao asked whether the feedback was collected in a form that would enable for further analysis. He agreed that it would not be possible to measure all benefits but technical advantage could certainly be measured.

VI. Projects received from DST / DBT

Dr.K.V.Radha Kishan gave details of the project proposals submitted to DST and DBT for funding. He said that till then four projects were sanctioned and some more were in the pipeline. He stated that the faculty who submitted the proposals were invited by the DST for scrutiny of the projects. In some cases, certain suggestions were made for further improvement. In all such cases the suggestions were followed and the revised project proposals were submitted.

VII. DST meetings organized

The Vice-Chancellor informed the members that the University was proud of hosting two PAC meetings of the DST. He said that the objective of hosting them was to provide an opportunity to the faculty to understand how a project proposal would be

reviewed so that they learn how to write a proposal effectively. The occasion also provided opportunity to interact with eminent scientists.

Dr. K. Radha Kishan, Director, R & D informed that the 1st meeting of the Programme Advisory Committee on Atmospheric Sciences, Department of Science and Technology (DST), Govt. of India, New Delhi was hosted by the University from 29th November to 01st December, 2012. Eminent scientists and professors came from prestigious institutes like IIT – Delhi, Vikram Sarabhai Space Center, Andhra University, Calcutta University, SRM University, DST and various CSIR laboratories around the country. Several Principal Investigators working on various DST supported projects from different Universities and reputed Institutions participated the meeting and presented the status of their projects to the Committee Members. Vignan University also arranged guest lectures on Atmospheric Sciences on 29th and 30th November, 2012 with eminent professors attending the meet. The Convener – Secretary of the meeting Dr.Sanjeeva Rao, Advisor at DST, New Delhi gave a presentation on the schemes available for research scientists in Earth and Atmospheric Sciences. A committee headed by Dr. K.V. Radha Kishan, Director, R&D organized the meeting.

Second meeting of DST, Women Technology Park

Dr. A. Srinivasulu, Professor, ECE and Convenor of the Organising Committee gave details of the second PAC meeting of the Women Technology Park, a wing of DST hosted on 9th May 2013. Dr.Vinita Sharma, Scientist-G, Chairman of DST Shobhana Bhaskaran, Gopi Krishna, DST officials, Dr.O.N.Tiwari, Dr.Ramesh Rawal, Dr.Kumud Kanna subject experts were on the panel. 15 Principal Investigators presented their research & its findings. The Chancellor, Dr.K.Ramamurthy Naidu, Vice-Chancellor Dr.M.S.C.Bose, Director, DET, Dr.V.Madhusudhan Rao, HoDs and faculty of Vignan Group of Institutions attended the session. Dr.A. Srinivasulu organized the meeting.

Mr. D. Ramakrishna asked how the faculty members would identify the real challenges and present problems for the purpose of preparing project proposals. He suggested that the University should call industry professionals to make a presentation of the problems the industry was confronted with. He suggested that faculty and students should also visit the industry, stay there for a few days to get exposure and identify the problems. The Vice-Chancellor agreed to depute the faculty to industry for this purpose.

VIII. Faculty Development Programme in Communicative Skills for selected faculty members

Dr. P. Purushotham, Training Officer reported that a Faculty Development Programme on Functional English was organized in collaboration with a Hyderabad based training organization called Metamorphosis. He stated that 65 faculty

members of the University, were participating in the 6-day programme, covering a range of topics like Phonetics, Functional Vocabulary, basics of written communication, correspondence besides non-verbal cues like body language. He said that the feedback was very encouraging.

Mr.G.Sreedhar reminded that as per the NASSCOM report, 47 percent of the engineering graduates were not employable because they lacked basic technical knowledge. He pointed out that there was a paradigm shift presently from services to solutions and the focus should be more on technical knowledge. The industry was not able to secure adequate number of employable candidates from top colleges. He advised the faculty to interact with industry and customize the requirements. He informed that there were case studies available online and suggested that the faculty should read them.

Mr. D. Ramakrishna also referred to the recent meeting of the CII. He also pointed out that the paradigm shift from services to products should be recognised by the university faculty. In the changing scenario, Communications Skills might help the students to enter the industry but they would not be sufficient to sustain them there. Communication skills were required for marketing but technical knowledge was essential for product-making. He advised against overemphasis on communication skills at the cost of technical knowledge. Director, DET Dr.V.M. Rao stated that technical skills relevant to the market demand were also being imparted through add- on certification programmes with the help of industry experts. Mr.G.Sridhar suggested that the students should become technically savvy and they should be provided with industry experience.

IX. Faculty Induction Programme

Mrs.A.Sharada, Associate Professor in English and former Training Officer reported that Faculty Induction Programme had been an annual feature of the institution for the last 7 years. It was mandatory for all the newly recruited faculty members. They would be introduced to pedagogy, psychodynamics and classroom management and various aspects of the multi-dimensional role of a teacher. Micro-teaching sessions would be held to provide guided practice in teaching methodology. She said that for the recently recruited faculty members a 10-day Induction programme would commence on 02.07.2013. The sessions would be handled by the in-house as well as external experts. This would be followed up by intensive practice sessions at the departments.

X. Reconstitution of Apex Bodies

Then the Registrar informed the members that all the apex bodies of the University had been reconstituted last month as per the UGC guidelines and read out the names of the members of the Board of Management, Academic Council, Finance Committee and the Planning & Monitoring Board.

XI. IUCEE workshops

The Vice-Chancellor informed the members that the University was a member of IUCEE and was conducting workshops every year. He said that Dr.V.M. Rao, the Coordinator, IUCEE would attend a meeting at Pune on 6th and 7th of July 2013. Dr.B. Seetharamanjaneyulu, Director (Academic) gave a brief report on the IUCEE workshops organised last year at the university. He said these workshops helped the teachers to update their domain knowledge and also provided an opportunity to establish contact with expert academia for future guidance and interaction. Mr.G.Sridhar suggested that there should be on-line follow up programmes.

XII. New design of Question Paper

The Vice-Chancellor informed that a new design of question paper would be followed from the current academic year. It would be introduced in the I year B.Tech and would be progressively followed up year after year for all batches. For the present 2nd, 3rd and 4th year students there would be no change. Mr.A. Leelamohan Rao, Registrar explained the rationale of change highlighting the points that the design specified weightage to content, learning outcomes, forms of questions and difficulty level. The examiner would set the question paper as per design preparing his own three-dimensional blue print. There would be one mark and two marks questions without choice. The new design would help wider coverage of syllabus, elimination of chance and testing of various learning abilities. Dr.K. Babu Rao stated that this would help orient teaching as per learning outcomes and would meet the requirements of Washington accord gradually.

XIII. Scholarships sanctioned

Dr.P.M.V Rao Controller of Examinations explained the provisions of the Scheme of Fee Waivers and scholarships to the meritorious students that had been in operation in University, since 2010. He gave details of the fee waivers / scholarships sanctioned for the year 2011-12 as follows

| | |
|-------------------------------------|--------------------------|
| 44 students of B.Tech. (2009 Batch) | - Rs. 25,69,000/- |
| 30 students of B.Tech. (2010 Batch) | - Rs.14,24,000/- |
| 54 students of B.Tech. (2011 Batch) | - Rs. 17,10,000/- |
| 12 students of PG Programmes | - Rs. 3, 70,000/- |
| Total: | - Rs. 60,73,000/- |

Scheme along with sanction orders was placed by the Academic Council for information

XIV. Academic Audit Report and Incentives to faculty

Dr.K.V.Radha Kishan, Director, R&D and Chairman of the Academic Audit Committee, conducted the Academic Audit explained the methodology of academic audit. He stated that the Committee categorized the faculty into 5 groups.

- (1) Professors with administrative functions
- (2) Professors without administrative functions
- (3) Associate Professors with administrative functions
- (4) Associate Professors without administrative functions
- (5) Assistant Professors

He explained that the performance was broadly assessed under 3 functions viz. Teaching, Research and Administrative. On the basis of the performance assessed, the faculties were awarded the following grades. (a) Incentive grade (b) Appreciative grade (c) Below expectation grade (d) Alert grade (e) Normal grade. The committee consisting of the Vice-Chancellor, Registrar, Director, DET, Chairman AAC and Finance Officer considered the recommendation of the Academic Audit Committee and recommended cash incentives as per a scale. 29 faculty members were sanctioned incentives amounting to the tune of Rs.7,52,000/- for the year 2010-11. Copy of Academic Audit Report for 2010-11 report and the process. The incentives offered were placed before the Academic Council for information.

Mr.D.Ramakrishna asked whether the appraisal of performance assess the practical knowledge and skills of the faculty members in handling the equipment and machines or would test their theoretical knowledge alone. Dr.Radha Kishan clarified that the research component of the parameter would take care of that aspect. Dr.K. Babu Rao suggested to include Peer evaluation also as a component of the appraisal scheme. Dr.V.M.Rao stated that appropriate matrix should be developed.

XV. Placements

The Vice-Chancellor informed the members that University has been consistently maintaining good placement record. Mr. E. Srinivas, Director, Placements gave details of placements secured during the year 2012-13. He stated that 434 were placed by 32 companies most of which visited the University for conducting placements / recruitments. TCS which placed 110 students was the major recruiter. As on 24.06.2013 the total number of students placed were 434 out of 737 eligible students from B.Tech., MBA and MCA put together. The details of placements were placed before the Academic Council for information

Mr.G.Sridhar asked for company-wise details of placements.

He wanted how many companies belonged IT & ITES and Core engineering. The Director, Placements read out the details. He said another 40 to 50 students were likely to be placed during this year.

Mr.D. Ramakrishna informed that CII considered three issues - Opportunity, skills and aspiration of the students. He stated that the CII observed that opportunities and aspirations were too high but the skills were not high. He advised that realistic guidance should be given to the students. The Director, Placements informed that Aspiring Minds conducted a test recently to assess various skills of the students and gave a detailed report making student mapping based on their scores in all aspects. This would be shared with the students to make them realize their strength and weakness. A workshop was planned to improve the skills of the students. He said that he was meeting HR personnel and Technical staff of various companies and interacting with them on their perspectives and sharing the information with the HoDs.

Mr.D.Ramakrishna suggested that the results of the test should be shared with the parents also so that they had clear understanding of the capacities of their children without being too ambitious and unrealistic in setting goals for them. He also wanted the Director, Placements to take feedback from the companies on the performance of the students placed with them from the university.

Mr. Sridhar advised the HoDs to tell the students very honestly what they were good at and what they not were good at. He suggested to explore the possibilities of having on-line examination for the students to assess their capabilities.

XVI. Convocation

The Vice-Chancellor informed the members that the first Convocation of the University would be held on 27.07.2013. The Controller of Examinations stated that around 1200 students who passed out B.Tech, M.Tech, MBA and MCA exam would be receiving degrees. Justice N.V.Ramana, Judge, High Court of Andhra Pradesh would be the Chief Guest. Mr. Ramakrishna suggested that the names of the awardees be placed on the website. He also enquired about the security features. The Vice-Chancellor informed that there were about 16 security features incorporated in the design and printing of the original degrees. He informed that one gold medal for the best performer for all branches put together would be awarded. He also told that it was proposed to give away one silver medal branch-wise for the meritorious students. Mr.G. Sridhar suggested that each branch may institute a medal since it was a university. Dr. Santhi Swaroop suggested to have one university level medal besides branch-wise medals. He suggested that the University might start with a gold medal only and later on extend to silver and bronze medals. Dr.A. Srinivasulu wanted to know whether the grades awarded were on absolute merit or relative merit. The Controller clarified that it was absolute merit only.

XVII. Results of Outgoing Batches

The Controller of Examinations read out the details of results of the outgoing batches of B.Tech students. Results of the passed out batches of B.Tech. (2009-13), MBA (2009-11, 2010-12), MCA (2009-12), M.Tech. (2009-11, 2010-12) were placed for approval of the Academic Council. The results of MBA (2011-13), MCA (2010-13) would be announced within a week and would be circulated among all the members of the Academic Cell for approval by mail. These results would be placed before the Board of Management for further approval in the second week of July, 2013, so that Degrees could be awarded during convocation on 27.07.2013. The actual number might marginally change due to revaluation / recounting etc., The Academic Council was requested to approve the lists subject to marginal variations. They were approved by the Academic Council with permission to make required modifications after announcing the results pending. The modified results should be placed before the BoM for approval for award of Degrees during Convocation.

3. Views of External Members

The Vice-Chancellor requested the external members to express their views on the academic initiatives to be taken

a) Mr.D.Ramakrishna told that Industry paradigm had been changing. Manufacturing sector would grow, particularly the electrical and electronics industries. Government policies were also encouraging. There would be new opportunities of employment in core sectors. Cloud computing had gained importance IT focus would also shift to Finance sector. Instrumentation would emerge as one of the important areas. Electronic instrumentation would take a lead.

He suggested to organize a national seminar on Trends of Industry and curriculum should gear up to the future needs of knowledge and skills. In MBA, industrial management and innovation management would become the focus. There was need to look into the need for MCA programme. The students of MCA were not performing well in industry. It might be due to limitation of Mathematics.

b) Mr.G.Sridhar stated that Marketing has been orienting towards digital marketing, and social marketing etc., HRM focus was shifting to operational role, C-level executive role. He suggested raising the level of standards and connecting to the industry for identifying the needs. He further advised the university to set up an incubation centre. Major US companies recruit students and keep them. Mobile users were increasing by leaps and bounds. The applications were changing. Such areas should identified and incubation centres started to incubate new ideas.

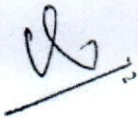
c) Dr. Santhi Swarup made a video presentation. He discussed the needs of the future, leveraging of technology, Massive use of on-line resources, studying on-line courses like Artificial Intelligence from Stanford University and Learning modes of Smart Phone Generation. He advised the faculty members to help the students

make use of National Knowledge Network watch NPTC lectures and have synergic fusion of teaching methods. He suggested some tracks for future: Sensor Networks, Bio-material, prognostics, embedded intelligence, Robotics, Flexible Electronics, Cyber Security, Brain-a-box etc.

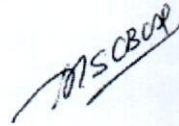
d) **Dr.K.Babu Rao** referred to the Washington Accord and the need to develop outcome-based curriculum and Mapping of Programme objectives. He advised the Chairman, BoS to study outcomes suggested by ABET. He reminded the members that NBA allocated majority of the marks for programme outcomes and outcome-based curriculum. He emphasized that every faculty member should explicitly write down learning outcomes for each lesson for which they should understand Bloom's taxonomy.

e) **Mrs. A. Sharada** briefly talked about the Workshop she attended at IIT, Chennai on "Self Awareness & Higher Goals in Education" and emphasized the need to introduced credit based electives to deal with behavioral aberrations of students and remedial measures based on psychology and Ethics.

Finally the Vice-Chancellor conveyed his thanks to all members for active participation in the discussions and giving valuable suggestions. The meeting was then concluded.



REGISTRAR
VIGNAN UNIVERSITY
VADLAMUDI-522 213
A.P., INDIA.



VICE-CHANCELLOR
VIGNAN UNIVERSITY
VADLAMUDI-522 213
A.P., INDIA.



Date: 05th June, 2014

MINUTES OF THE 08th MEETING OF THE ACADEMIC COUNCIL HELD ON
10th MAY 2014

The Academic Council of Vignan University met on 10.05.2014 at 11.00 AM in the Srujana Seminar Hall with Dr.M.S.C.Bose, Vice-Chancellor in the Chair.

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Members present:

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| 1. Dr. M.S.C.Bose | Vice-Chancellor – Chairman |
| 2. Dr. Shanthi Swaroop | Chief Technology Officer, Uurmi Systems |
| 3. Mr.D.Rama Krishna | MD, Efftronics Systems Pvt. Ltd. |
| 4. Dr.K.Babu Rao | Director, NAVAYUGA INFOTECH |
| 5. Dr.V.Madhusudhan Rao | Director, DET |
| 6. Dr.Avireni Srinivasulu | Member |
| 7. Dr.R.Venkatnadh | Member |
| 8. Dr.B.Seetharamanjaneyulu | Member |
| 9. Dr.M.Murali | Member |
| 10. Dr.P.M.V.Rao | Member |
| 11. Prof. K.V.Kirshna Kishore | Member |
| 12. Mr.E.Srinivas | Member |
| 13. Dr. M. Venkata Rao | Member |
| 14. Dr.V.Yegnanarayanan | Member |
| 15. Dr.P.Purushotham | Member |
| 16. Dr.S.Krupanidhi | Member |
| 17. Dr.N.Srinivasu | Member |
| 18. Dr.N.Veeranjaneyulu | Member |
| 19. Dr.N.Usha Rani | Member |

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| 20. | Dr.G.Durga Sukumar | Member |
| 21. | Dr.N.Gnaneswara Rao | Member |
| 22. | Dr.Vidhu Kampurath | Member |
| 23. | Mr.A.Raghu Nath | Member |
| 24. | Mr.P.Bangaraiah | Member |
| 25. | Dr.A.Srinivasa Prasad | Member |
| 26. | Dr.Y.V.Rao | Member |
| 27. | Dr.S.Rajeseckharan | Member |
| 28. | Dr.Ch.S.S.S.Murthy | Member |
| 29. | Dr.S.Asha | Member |
| 30. | Mrs.A.Sharada | Member |
| 31. | Mr.D.Vijay Krishna | Member |
| 32. | Mr.P.B.G.S.N.Murthy | Member |
| 33. | Mr.A.Leelamohan Rao | Member Secretary |
| 34. | Dr.B.Sarangapani | Special Invitee |
| 35. | Sri.L.Srikrishnadevarayalu | Special Invitee |

Report

At the outset the Vice-Chancellor Prof.M.S.C.Bose welcomed all the members. All the external members were presented with bouquets. Then the Agenda was taken up for discussion

I. Agenda for information

1. Confirmation of the minutes of the previous meeting

The Vice-Chancellor enquired whether there were any modifications to the draft minutes of the meeting held on 20-06.2013. As there were no comments or suggestions the draft minutes circulated to the members was deemed to have been approved.

2. Agenda items for approval

(a) Introduction of new programmes

(i) UG Programmes

The Director, Admissions stated that it was proposed to start two new B.Tech Programmes namely B.Tech. (Food Technology) and B.Tech. (Bioinformatics).

Curriculum and structure of these two programmes were placed before the Academic Council for approval by Director, Academics. The B.Tech Food technology programme is intended to help the farming community in the region through novel methodologies of food processing, preservation, etc. Director, Academics mentioned that B.Tech Bioinformatics programme operates at the intersection of biology and informatics wherein it has become the prime focus of industry particularly in pharma, diagnostics, pharmacogenomics and forensics in the post-genomic era. **These two programmes follow existing B.Tech (R13) regulations with Choice based credit system (CBCS) and were already approved by the respective Board of Studies.** The courses in both these programmes orient the students towards employability, skill development as well as promote the spirit of entrepreneurship.

Outcome: **The curriculum, structure and regulations of both B.Tech (Food Technology) and B.Tech (Bioinformatics) are approved.**

Dean-Admissions proposed to discontinue the following UG and PG programmes from the academic year 2014 -15 due to continuous decrease in the demand or nil admissions.

UG Programmes: B.Tech- Mechatronics, B.Tech-ECM

PG Programmes: M.Tech- Image Processing & Machine Vision, Data Communication and Networking, Power Systems, Chemical Engineering, Data Sciences, Computer Networks and Information, CAD/CAM/CAE, Thermal Engineering, Nanotechnology, Automobile Engineering.

(ii) PG Programmes

From 2014-15 onwards, Dean-Admissions proposed to start three new specializations of **M.Tech following Choice based credit system (CBCS)**

1. **M.Tech, in Structural Engineering**
2. **M.Tech, in Farm Machinery**
3. **M.Tech, in Food Processing Technology**

Director, Academics stated that respective Boards of Studies had approved the Curriculum, structure, regulations and the syllabus of the above mentioned three new M.Tech Programmes. Director (Academics) explained the objectives of the three M.Tech programmes. The courses in the aforementioned three programmes contribute to **employability or entrepreneurship or skill enrichment.** The feedback from industry personnel was taken into consideration for floating the programmes.

Outcome: **The Curriculum, structure and regulations of M.Tech (Structural Engineering), M.Tech, (Farm Power and Machinery) and M.Tech (Food Processing and Technology) programmes have been approved.**

(b) Academic Regulations & Revision of Syllabus - UG, PG, Ph.D.

(i) Revision of BBA programme:

HoD, Department of Management Studies presented the revised Curriculum, structure and regulations of R14 BBA which follow Choice based credit system (CBCS). All the courses in the curriculum are placed to offer employability and tend to promote entrepreneurial skills. The feedback from various stakeholders including employers, students, teachers, parents, alumni for revision of curriculum was reviewed and recommended by Boards of Studies.

Outcome: The revised BBA (R14) Curriculum, structure and regulations have been approved.

(ii) Revision of M.Tech programmes:

Director, Academics presented the revised the curriculum of all M.Tech Programmes. The Revised curriculum, structure and regulations of M.Tech Programmes following Choice Based Credit System (CBCS) based on feedback from various stakeholders was put forward for discussion and approval. All the courses in the M.Tech programmes contribute to employability or entrepreneurship.

Outcome: After through discussions, the revised M.Tech (R14) curriculum, structure and regulations have been approved.

(iii) Revision of Ph.D. programmes:

Then Dr.B. Seetharamanjaneyulu mentioned that, a few modifications are proposed to the existing Ph.D regulations. The proposed modifications are on the aspects of removing the Foreign Evaluation of the thesis, introducing a seminar after one year of study and making the internal marks optional for the course work of Ph.D. It was finally agreed by the chair persons of Boards of Studies to have the thesis evaluation by three experts from India / abroad (instead of two), and the common opinion of two experts to be taken as final.

On the question of having a foreign evaluator / examiner, Dr.K.B.Rao commented that there should be no difficulty in getting a foreign examiner. There were many with Indian origin. Foreign origin should not be an issue. Dr.Santhi Swaroop advised to have one external examiner and two internal examiners. The Academic Council has considered aspects and approved the regulations stipulating to include foreign evaluators also in the panel and leave it to the discretion of the Vice-Chancellor in the final selection of evaluators. Dean, Academics presented the list of PhD courses that are to be opted by students for pre-PhD course work that were recommended by DRC and BoS of various departments.

Outcome: All the courses for Ph.D along with the change in thesis evaluation pattern were approved.

3. Agenda items for information and discussion

(a) Admissions

(i) Admissions Report 2013-14

Initiating the discussion on agenda items Dr.M.S.C. Bose, the Vice-Chancellor requested the Dr. R. Venkatnath, Director, Admissions to present details of admissions, for 2013-14. Dr. Venkatnath reported the total the details as follows:

| | | |
|---------------------------|-------------|-------------|
| B.Tech. | | 995 |
| BBM | | 38 |
| M.Tech | | 82 |
| MBA | | 57 |
| MCA | | 14 |
| Lateral entry into B.Tech | | 35 |
| Total admissions | | 1221 |
| Ph.D. | I Semester | 33 |
| | II Semester | 44 |
| Total | | 77 |
| Grand Total | | 1298 |

The branch-wise break-up was placed before the Academic council for information.

Commenting on the admissions in general Dr. Ramakrishna said that parents and students usually would have certain notions about the utility and demand for certain academic programmes. They would not be ready to join new programmes because of such notions. The University should educate the students and also parents about the relevance and usefulness of the new programmes introduced Otherwise the new programmes would not take off. Dr.Venkatnath respond to this by saying that the university had been creating awareness about the new programmes by conducting awareness meetings in collaboration with media. Dr. Ramakrishna enquired whether there was any Centre of Excellence and whichbranch at B.Tech level attracted more number of students. Responding to this Dr.Venkatnath stated that they had MoU with Indo-Nacop Chemicals Ltd., Vinukonda and also expecting to develop a Centre of Excellence in food Technology. Then the Chancellor asked what were the star departments of the university based on the criteria such as placements, results and papers published. Dr.B.Seetharamanjaneyulu, Director, Academics replied that ECE department could be considered as the star department on the basis of results and placements where as Biotechnology department could be considered as the star department based on publications.

Dr.K.Babu Rao suggested that a proforma should be developed giving appropriate weightage to various parameters to have correct assessment.

Dr.D.Ramakrishna commented that public perception in this regard might be contrary to the assessment made by the university. Then Dr.K.Babu Rao suggested that the university should have feedback from all stakeholders.

(ii) Strength of UG and PG Programmes

Dr.Venkatnath stated that the sanctioned intake of students for all UG programmes put together was 1620 during 2013-14 and no change was proposed in the total strength during 2014-15. However, he stated that there is some change in the intake of certain branches from 2014-15. There was increase of 30 seats in Mechanical engineering and reduction of 30 seats in IT. The sanctioned strength of PG Programmes during 2013-14 was 474. No change is proposed during the Academic year 2014-15.

(iii) Eligibility Criteria, Fee Structure and Fee Waivers

Dr. Venkatnath placed before the Academic Council a statement showing the eligibility criteria, fee structure and fee waivers.

(iv) V-SAT'14

Dr. Venkatnath stated further that Vignan's Foundation for Science, Technology and Research University conducts an entrance test "V-SAT" every year for admission into B.Tech. Programme. V-SAT'14 was conducted online from 23.04.2014 to 27.04.2014 for 2014-15. 10655 candidates appeared for the test. In addition, certain students were admitted to the test on the spot. 10000 candidates were qualified. The results have been released by the Vice-Chancellor in a press conference on 09.05.2014. Counseling Schedule for admissions from 02.06.2014 to 08.06.2014 was released.

(v) V-SAT-2014 in Nepal

Dr. Venkatnath further informed the members that this year, a separate V-SAT'14 was conducted in Nepal. 2570 candidates applied for the test and 2153 attended.

(vi) Vignan's Visist Chaatr Puraskar

Dr. Venkatnath informed the members that the university distributed Vignan's Visist Chaatr Puraskar in the form of cash award to the prize-winners from among the +2 level students who appeared for Visisht Chaatr Pareeksha conducted by Vignan's Foundation for Science, Technology and Research University in north Indian states even to each subject. The test was designed to evaluate the cognitive abilities such as critical thinking and problem-solving ability and general aptitude besides knowledge and understanding of subjects. It has four sections: Maths / Biology, Physics, Chemistry and English / General Aptitude. This year, the test was conducted in Jarkhand, Bihar and Chattisgarh and 4405 students attended. Awards were given away during State level functions at Patna (Bihar), Ranchi (Jarkhand) and Bokaro (Chattisgarh).

The Chancellor Dr.K. Ramamurthy Naidu appreciated the scheme but wanted to know how many students were expected to join the B.Tech. programmes of the university from among the prize-winners. Dr. Venkatnath clarified that the test was not conducted for the sake of immediate admissions but to encourage talented students and to create awareness about Vigan's University and its sister institutions. Registrar Mr.Leelamohan Rao observed that the Puraskar might not have much impact immediately. But in the long run it creates a positive image of the university and that might increase the admissions.

(b) Examination Results 2013-14

Later the Vice-Chancellor turned to the next item of the agenda and requested Dr.PMV Rao, Director, Evaluation to report the results. He stated that the result showed continuous improvement in the pass percentage from Ist year to IVth year of B.Tech. Programme, showing the effectiveness of student support systems at the University.

He informed further that special supplementary examinations were conducted in the months of September 2013 and January 2014 for the B.Tech. students of 2009 admitted batch having one or two backlogs, to complete their academic requirements. A scheme of valuing the answer script for 100 marks instead of 60 marks was also offered for these students having less marks in internal examinations.

With the additional effect of these special programs, majority of the students, who were not able to complete their degree in the regular course work duration, could complete their degrees. He stated that after convocation, 123 students could clear the backlogs and become eligible for award of the degree.

Dr. Ramakrishna commented that the marks would not reflect the real ability of the student. He suggested that the university should set a benchmark for comparison. He advised that the results should be compared with those of other universities. The Chancellor welcomed the suggestion. He expressed the opinion that though distinctions were more, performance in the interview and placements would be the real test. IT industry was going to make selection process stringent. Infosys and Wipro already revised their test design. Dr.Santhi Swaroop said their company would select candidates based on practical experience. He also mentioned that examinations should be harder and the University should establish standards better than those of IITs. Dr. Ramakrishna said the industry would not bother about marks but would care for performance. Therefore the students should invariably have internship in the last year of their academic programme. Dr.K.Babu Rao opined that peer view would help. Dr.PMV Rao stated that as per the university norms in vogue the students of B.Tech programmes would have semester long internship in the final year. The Director, DET informed the Council that the university introduced a new question paper design introducing essay, short answer and objective type questions with defined difficulty level and giving appropriate weightage to various learning outcomes. The Vice-

Chancellor assured the members that all the points raised and suggestions given by the members would be borne in mind while implementing the evaluation schemes.

(c) Faculty Recruitments

The Director, DET said that recruitment of new faculty members had been an important activity in the Institute. Advertisement for faculty recruitment was given in news papers and also through Naukri. In this year a team of professors visited various IITs and conducted campus interviews for new faculty recruitment with the help of the Placement cells of the IITs. Through placement cells of various IITs 51 candidates were selected and 35 members gave consent to join at the end of June 2014.

Cadre wise details of recruitment were as follows:

Staff recruited from July 2013 to May 2014

| Department | Prof | Assoc Prof | Assist Prof | Total | M.Tech from IITs & NITS | Ph.Ds |
|-----------------|-----------|------------|-------------|------------|-------------------------|-----------|
| Agriculture | - | - | 4 | 4 | 4 | 3 |
| Automobile | - | - | 1 | 1 | 1 | - |
| Chem Engg. | 1 | - | 1 | 2 | 1 | 2 |
| CSE | 5 | - | 11 | 16 | 5 | 7 |
| ECE | 4 | 3 | 11 | 18 | 8 | 6 |
| EEE | 2 | - | 8 | 10 | 6 | 2 |
| Mech. Engg. | 1 | 1 | 29 | 31 | 23 | 6 |
| Bio-Tech | - | 2 | 1 | 3 | - | 3 |
| Civil Engg. | 1 | - | 8 | 9 | 8 | 1 |
| S & H | - | - | 10 | 10 | 3 | 3 |
| Food Technology | - | - | 1 | 1 | 1 | - |
| Textile Tech. | - | - | 2 | 2 | 2 | - |
| Total | 14 | 6 | 87 | 107 | 62 | 33 |

Out of the 107 recruited, 26 already joined and 55 more members had sent acceptance letters. Reply from others was awaited.

As on that day of the meeting, there were 269 faculty members (Professors: 30, Associate Professors: 36, Assistant Professors: 203). There were 51 doctorates.

Dr. Ramakrishna suggested that of late many Engineering Post Graduates who had gone abroad were returning to the country and seeking employment. It was particularly true in the case of Europe. Similarly, there were many who were frustrated with the industry for various reasons and seeking teaching job. The university should attract such persons as faculty. The Vice-Chancellor said that three doctorates from abroad were recruited during the current month. Some of them were asking for interview on line. It was proposed to create necessary facilities in the university for

such kind of interview. Dr. Ramakrishna suggested to create an audio-bridge. He suggested further to try for candidates from Germany because they would be better in terms of competencies and professional attitude. He wanted the university authorities to approach the candidates from industry instead of expecting them to approach them. He observed that digital marketing was the order of the day. Director, DET said that last year the university could recruit four faculty members from industry. Dr.Santhi Swaroop expressed happiness and advised to try for more.

The Vice-Chancellor said that recruitment was done throughout the year without missing any chance. The Chancellor said that in spite of locational disadvantage, the university had reputation in terms of academic standards. That is why many candidates were preferring to join VFSTR university. More efforts should be made to attract many more. Dr.Ramakrishna advised against calling the university a rural university. The fact that it was on the highway between two cities/towns well connected to other parts of the state by road as well as railways should be highlighted and put in the website.

(d) Seminars / Conferences / Workshops organized

Stating that the university had been taking interest in organizing international, national conferences and workshops on the campus the Vice-Chancellor said that the departments were encouraged to conduct at least one national / international conference every year. Budget was provided by the university and wherever possible the departments were asked to approach the industries / institutions also to partially sponsor the programme.

(e) Projects received from DST / DBT

The Director, R&D Dr.A.Srinivasulu reported that the University has been encouraging its faculty members – particularly Professors and Associate Professors – to submit research project proposals to funding agencies. He stated that out of the 37 proposals submitted to the DST, Govt. of India during 2013-14, after scrutiny by the Director, R&D, 8 projects were sanctioned so far and the grant amounted to Rs.241.16 lakhs. Few more projects were in the pipeline. It was expected that projects worth Rs.300 lakhs would be sanctioned in the next few months.

He informed the members that, besides DST, projects were sanctioned by DBT, AICTE, MODRABS and other agencies to a tune of Rs.171.00 lakhs. This rises the total amount received from various agencies to Rs.412.16 lakhs.

The Chancellor suggested that from next time onwards details such as number of projects applied for, number sanctioned, number in the pipeline, amount sanctioned and amount released etc., should be shown in a proforma.

Dr.Swaroop commented that considering the number of faculty members being 269, getting a sanction for Rs.4.5 crores was meagre. The Vice-Chancellor said that there were only 54 Ph.Ds . All non-Ph.Ds were not eligible to apply and besides that

there were restrictions of age. Dr.Santhi Swaroop advised the university to encourage non-Ph.D faculty members to pursue Ph.D programme. Dr.A. Srinivasulu, Director, R & D said incentives were given to faculty based on the work they did. Dr.Ramakrishna suggested that the faculty should interact with industry and find out what type of projects the companies were willing to give and pursue efforts with industry to get projects. Dr.K.Babu Rao commented that research was not a one-time effort and it should be constantly pursued. The Departments could be asked to try for local projects, Civil Engineering department could take up testing and calibration etc.,

Dr.A.Srinivasulu, Director, R& D shared his experience with DRDA regarding a project proposal and stated that sometimes there would be long delays in such matters. Director, DET said that each department has been asked to contact at least 5 industries and try for projects. The Registrar suggested to have a coordination committee under the chairmanship of Director, R&D.

(f) Faculty Development Programme

The Vice-Chancellor stated that the university had been giving appropriate importance to faculty development and therefore established Faculty Development Academy last year. He asked Mrs.A.Sharada, Associate Professor, S&H department and Programme Coordinator to report on the activities. She said that the Departments would be encouraged to organize faculty development programmes in their respective disciplines under the auspices of Faculty Development Academy while the FDA itself would organize several programmes for different targeted groups of faculty members in various aspects of teaching-learning and evaluation and other related topics of engineering faculty profession.

She gave details of certain programmes organized.

1) 12-Day Faculty Development Programme on “Open Source Environment in Application Development”

This programme is planned under FDA of Vignan's Foundation for Science, Technology and Research University. First phase was held from 27th – 29th April, 2014 in University campus. Second phase will commence from 11th to 20th May 2014 in premises of open KITE. Resource persons were Dr.Ghanta Subba Rao, CEO, OpenKITE, Prof. K.Srinivasulu Reddy, SIT, JNTU, Mr.N.B.Ramesh, CTO, OpenKITE and Dr.N.Sailaja. 25 participants participated in this Faculty Development Programme.

2)Faculty Induction Programmes

a) FIP-2013 was conducted from 4th to 12th July 2013 to introduce new faculty to the ethics and vision of the institution and help them understand their own goals in the light of the values of the institution. 33 new faculty members underwent the 9 day FIP programme. The focus of the programme was on the induction of new faculty towards the institution - its goal, vision, major areas covering areas of pedagogy like understanding learning outcomes, preparing course files, lesson plans, classroom

management techniques such as planning, assessment and curriculum development, as well as student behavior, student counseling, writing research proposals/ papers, besides advise on fulfilling other professional responsibilities. Both in-house subject experts as well as eminent invited experts shared their expertise and trained the young faculty members on various aspects of the teaching profession.

b) Another Faculty Induction Programme was scheduled to commence from 12.05.2014. 52 Participants were expected. This year the participants include faculty members of sister institutions viz. Vignan's Lara Institute of Technology and Science (VLITS) & Vignan's Nirula Institute of Technology and Science for Women, Palakaluru.

(g) Student Development Programmes

The University has been assigning equal importance to organize certain Value-addition Programmes for development of student's skills.

1) English Proficiency Course (EPC)

With the objective of equipping the budding engineers with the skill of functional English, a 100 hour English Proficiency Course (EPC) has been introduced into the curriculum of Vignan's University in the I-Semester of B.Tech for the A.Y 2013-14. By the end of the 100 hours program, 90% of students are expected to become orally proficient to be able to carry out everyday functions in the language, 70% ought to write and communicate intelligibly using simple, clear and appropriate English. About 85% of students should be ready to take an Intermediate Level English Proficiency Test by an external certifying agency.

2) Cambridge Preliminary English Test (PET)

Preliminary Eligibility Test of Cambridge Language Assessment: Vignan's University, this academic year undertook a unique initiative to start an exclusive 100 hour English Proficiency Course for the I. B.Tech students for equipping them with language skills towards enhancing their academic performance as well as equipping them with employability skills necessary for the job market. In this direction, Vignan University has adopted the Common European Framework of Reference for Languages ("CEFR") as the benchmark for upgrading the English standards of its students and teachers. Cambridge English being the world's leading authority on English language testing. Vignan University has initiated to sign an MoU with Cambridge. The Management would support by releasing Rs. 1,000 per student. 907 students enrolled for the PET. 600 students underwent the exam in the first spell on 8th May 2014 and the remaining 307 would undergo the exam in the second spell, i.e., on 5th June 2014. It was also proposed that III B.Tech students undergo another higher level exam, Business English Certificate - Vantage level (BEC-V) at the end of third year of B.Tech.

Responding on EPC and PET Dr. Santhi Swaroop suggested the benefit that accrued to the faculty should be measured. Appropriate tools should be evolved. He advised further that besides pedagogy focus should be on research of high order. Mrs. Sharada assured that the suggestions would be implemented. She clarified that two sessions were already allotted to writing of research proposals in the FIP. Director, R& D Dr.A.Srinivasulu advised the English faculty to submit a research proposal. Dr.D. Ramakrishna observed that there was a lot of change in the teaching-learning process with the advent of ICT and everybody today wanted quick results. Activity based learning would be more effective. At the end how much the student gained should be measured. He suggested to use UML diagram.

(h)Vignan Mahotsav - 2014

Then the discussion was turned to Vignan Mahotsav-2014. The Vice-Chancellor asked the Director, DET to present details. The Director, DET reported that Vignan Mahotsav was celebrated on 10th and 11th of January 2014. The main objective was to inculcate team spirit among students and give them an opportunity to improve their organizational skills. It was an opportunity for them to showcase their talent. A total amount of Rs. 24,70,000/- was allocated for conducting various programmes for the function. 4 Technical events, 4 literary events, and 9 cultural events were organized in addition to various sports and games and fine arts for men and women.

(i)Convocation

The Vice-Chancellor said that he was happy to inform that the first Convocation of the University was held on 03.08.2013 successfully under the leadership of the Chancellor Dr.K. Ramamurthy Naidu. They were no omissions. Around 1200 students who successfully cleared B.Tech., M.Tech., MBA and MCA exams received degrees. Justice N.V.Ramana, Judge, High Court of Andhra Pradesh was the Chief Guest. 9 students in different branches were awarded the Gold medals.

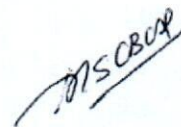
As per the advice of the Chairman VFSTR, certain special medals were presented to the outgoing students for their outstanding performance in fine-arts, social services, games & sports etc.

An Honorary Doctorate Degree was also presented to Sri.Ravuri Bharadwaja, a Telugu writer and recipient of Gnanapeeth award whose contribution was widely recognized.

Later the Vice-Chancellor thanked the Chancellor and the special invitees for their active participation in the discussions and for giving many valuable suggestions and concluded the proceedings.



REGISTRAR
VIGNAN UNIVERSITY
VADLAMUDI-522 213
A.P., INDIA.



VICE-CHANCELLOR
VIGNAN UNIVERSITY
VADLAMUDI-522 213
A.P., INDIA.



Date: 05th April 2015

MINUTES OF THE 10th MEETING OF ACADEMIC COUNCIL HELD ON 04th MARCH 2015

The Academic Council of Vignan University met on 04.03.2015 at 11.00 AM in the Srujana Seminar Hall with Dr. C. Thangaraj, Vice-Chancellor in the Chair.

Members attended:

1. Dr.K.Rama Murthy Naidu : Chancellor, VFSTR
2. Sri LavuSrikrishnadevarayalu : Member, BoM, VFSTR
3. Dr.M.S. Raghunathan : Registrar
4. Dr. K. Babu Rao : Member, Academic Council
5. Dr. Y. Sarat : Member, BOM
6. Dr.V.M.Rao : Dean, Engineering & Management
7. Dr.A.Srinivasulu : Dean, Research & Development
8. Dr.P.M.V.Rao : Dean, Evaluation
9. Dr.B.Seetharamanjaneyulu : Dean, Academics
10. Dr.R.Venkatanath : Dean, Admissions
11. Dr.M.Venkatarao : Dean, IQAC
12. Dr.V.Yegnarayanan : Dean, Foreign Collaborations
13. Prof. K.V.Krishna Kishore : Dean, Library & Information Sciences
14. Mr.Shujauddin : Associate Dean, Placements,
15. Mr.R.Sambaiah : Finance Officer
16. Dr.N.Gnaneswara Rao : HoD, CSE
17. Dr.S.Krupanidhi : HoD, Biotechnology
18. Mr.P.Bangaraiah : HoD, Chemical Engineering
19. Dr.N.Usha Rani : HoD, ECE
20. Dr. DurgaSukumar : HoD, EEE
21. Dr.N.Veeranjaneyulu : HoD, IT & MCA
22. Dr. Vidhu Kampurathi : HoD, Applied Engineering

- | | | | |
|-----|---------------------|---|--|
| 23. | Mr.P. Padmarao | : | HoD, Civil |
| 24. | Dr.K.Kalpana | : | HoD, Management |
| 25. | Dr. N.Srinivasu | : | HoD, Science & Humanities |
| 26. | Ms.A.RatnaMalathi | : | Head, Training Cell |
| 27. | Dr.Ch.Tech. Murthy | : | Professor, Dept. of S&H |
| 28. | Dr.Y.V.Rao | : | Professor, Dept. of MBA |
| 29. | Ms. A. Sharada | : | Associate Professor, Department of S&H |
| 30. | Mr.P.B.G.S.N.Murthy | : | Associate Professor, Dept. of Mechanical Engineering |
| 31. | Dr.S.Asha | : | Associate Professor, Dept. of Biotechnology |
| 32. | Mr.D.Vijay Krishna | : | Associate Professor, Dept. of MBA |
| 33. | Mr.R.Suresh Kumar | : | Systems Administrator |

Special Invitees attended:

1. Professor Kyung-Tae Kim, Hannam University, South Korea.
2. Dr. M.S. Vijayaraghavan, Former Advisor, PM's Office, New Delhi
3. Professor M. Alagar, Anna University, Chennai

Student invitees attended:

1. Sravani IV Mechanical Engineering
2. Sai Sanjeev III CSE
3. Pavan Kumar Reddy III Civil Engineering
4. Chakravarthy III Biotechnology
5. Vaishnavi I MBA
6. Santhi IM.Tech. (CSE)
7. K.Saritha III Chemical Engineering
8. E. Venkat IV IT
9. Bala Krishna Pathak III Auto-Mobile Engineering
10. Tejasri IV ECE
11. Harshavardhan IV ECE

PROCEEDINGS:

On behalf of VFSTR University, Vice-Chancellor Dr. C.Thangaraj has welcomed all the members and invitees to take part in the meeting. He expressed his special thanks to the Chancellor, BoM members, external experts and invitees for attending the meeting. Vice-Chancellor has offered the presentation on agenda points. Additional information was provided by concerned authorities of the university when queries were raised on various points.

I. Confirmation of the minutes of the previous meeting.

The minutes of the previous meeting had been circulated to all the members and since there are no remarks from the members, the same have been passed.

II. Action taken on the decisions of the previous meeting

The discussion started with Dr. Sarat placing a question about the dwindling number of students in Chemical Engineering and Textile Technology disciplines. He pointed out that there are very few students now in the department of Chemical Engineering and Textile Technology compared to previous years. The reasons attributed by him for these low admissions are both less demand for the programmes or inferior quality of the programmes being offered, and asked the authorities to look for the exact reasons.

When asked by the Vice-Chancellor about the statistics of dept. of Chemical Engineering of Anna University, Dr. Alagarsaid that Anna University and several other Universities across the state have a large number of student intakes in the aforementioned departments, with most institutions able to fill all the allotted seats.

The Dean E&M said that until last year the situation was not so alarming. At the end of the discussion on this point, the Dean E&M and the Vice-Chancellor have concluded that the programme and the faculty of the University need to be strengthened for better enrolment. MoUs with industries also need to be made. BoM Member Mr. Lavu Srikrishnadevarayalu mentioned that if we do not move with times, the same problem will be faced by the other departments also in the future. He also added that we need to stay in sync with the changing trends, keep abreast of new technologies and design the curriculum and syllabi accordingly for efficient programmes.

III. Agenda items for information

1. Fee structure for UG, PG and Ph.D programmes (2015-2016)

2. Fee waivers for UG, PG and Ph.D programmes (2015-2016)

Comments from the Vice-Chancellor: The fee structure had already been approved in the Board of Management meeting. The Vice-Chancellor suggested that as it has already been passed, the matter was not open for discussions. However, the student members can still voice their opinions and viewpoints, if any, about the matter separately to the Vice-Chancellor or the Registrar. Vice-Chancellor has mentioned that information related to recruitment and research status may also be included for future meetings.

IV. Agenda points for approval:-

1. Introduction of new programmes

The general thrust of the agenda was that the introduction of a new course should be based on two parameters: -

- i. The market demand with respect to that particular programme.
 - ii. The infrastructure and the facilities required by the university.
- I. Dean-Admissions proposed to introduce the following new UG programmes viz, Petroleum Engineering , Biomedical Engineering and Bachelor of Computer Applications (BCA) from the academic year 2015-16.

II. **B.Tech in Petroleum Engineering from the Academic year 2015-16**

HoD of Chemical engineering has presented a detailed report about the prospects of the programme and about the discussions they had made with various industries. He also mentioned about the surveys of various agencies that projected the job market for these engineers. HoD has also presented the structure and regulations of B.Tech Petroleum Engineering which follows Choice based credit system (CBCS) to offer flexibility. In addition, all the courses are placed based on suggestions from various stakeholders and are bound to offer employability or entrepreneurship as well as enrich their skills. The contents were reviewed and recommended by BoS for approval.

Outcome – The programme has been approved.

III. **B.Tech in Biomedical Engineering from the Academic Year 2015-16**

HoD, ECE has mentioned that B.Tech Biomedical Engineering programme will be in great demand as it deals application of engineering principles to create solutions for health care which is need of the hour. HoD has presented the structure and regulations of curriculum that practices Choice based credit system (CBCS). Courses were oriented towards either employability or entrepreneurship and some of the courses tend to enrich skills. Feedback from stakeholders was considered for designing the curriculum wherein they were reviewed and recommended by BoS for approval.

Outcome – The curriculum, structure and regulations of B.Tech Biomedical Engineering programme has been approved.

IV. **Bachelor of Computer Applications (BCA) Programme**

The BCA curriculum, structure and regulations following Choice Based Credit System (CBCS) is designed with inputs from various stake holders. This is meant to focus on a targeted applicant like the overseas students. All the courses cater to impart skill development, employability and entrepreneurship skills.

Outcome – The curriculum, structure and regulations of Bachelor of Computer Applications programme has been approved.

2. Modifications in Curriculum and Syllabus

Minor changes in the 2nd year curriculum of B.Tech. Bioinformatics. (approved).

3. REVISION OF PROGRAMMES

1. Revision of MCA Curriculum

HoD, IT presented the revised Curriculum, regulations and structure of R15 MCA. The curriculum follows Choice based credit system (CBCS). All the courses in the curriculum are framed to impart skill development, employability and promote the spirit of entrepreneurship. The feedback from various stakeholders including employers, students, teachers, parents and alumni for revision of curriculum was reviewed and recommended by BoS.

Outcome: The revised R15 MCA programmes with aforementioned contents were approved.

2. Revision of MBA Curriculum

HoD, Department of Management Studies presented the revised Curriculum and structure of R15 MBA which follows Choice based credit system (CBCS) including the regulations that have been approved by all the members. All the courses in the curriculum are framed to impart skill development, employability and promote the spirit of entrepreneurship. The feedback from various stakeholders including employers, students, teachers, parents, alumni for revision of curriculum was reviewed and recommended by BoS.

Outcome: The revised R15 MBA programme was approved.

3. 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 mandatorily required to choose courses for the completion of their course work. In addition to the aforementioned courses, scholars are also given the choice to opt courses from the existing Master's program in their discipline.

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

4. Fixing intake capacity for UG and PG Programmes (2015-16)

The Vice-Chancellor raised a question about the proposed intake for CSE at 300 as against 270 at present, while the present strength of the department is only 216. The department was asked to validate the claim. The Vice-Chancellor suggested that the claim should be flexible depending on the demands in future. (Approved)

5. Eligibility criteria for Ph. D. admission

- i. The candidate must have relevant experience for 'part-time Ph.D.' programme. (Approved)
- ii. Interdisciplinary admissions are allowed. (Approved)

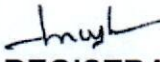
6. Periodic Assessment Manual

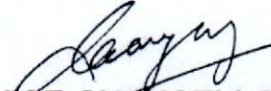
Already approved

General overview of the discussions-

- Technologies such as games and simulation can be used to teach students.
- "It is not the question of demand but am I ready to absorb that many students" (Suggestion by Dr. M.S.Vijayaraghavan on the starting of a new programme.)
- The quality of Research and Development has to be improved.
- There should be innovation in evaluation.
- The MoU's that materialize should be utilized and a proper communication channel should be maintained between both the parties.
- Have the industry people come to teach the students.
- A MoU should be signed with the upcoming Petroleum Engineering University for academic purpose.
- A vibrant Ph.D. Programme is important for vibrant UG and PG Programmes.
- A formal linkage with the industry is essential.
- Credit based courses that cater to employability skills and life skills in upcoming B.Tech Curriculum.

Later the Vice-Chancellor thanked the Chancellor and the special invitees for their active participation in the discussions and for giving many valuable suggestions and concluded the proceedings.


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A.P. INDIA



Date: 20th, May 2016

MINUTES OF THE 12th MEETING OF ACADEMIC COUNCIL HELD ON
23rd APRIL 2016

The Academic Council of Vignan University met on 23.04.2016 at 10:00 am in the Board Room, 5th Floor, A - Block. Dr. C. Thangaraj, Vice-Chancellor of VFSTRU, Chaired the meeting. The following members were present.

Members attended :-

1. Dr. K.Ramamurthy Naidu : Chancellor, VFSTRU, Special Invitee
2. Dr. K. Babu Rao : External Member
3. Er. D. Rama Krishna : External Member
4. Dr. S. Salivahanan, Principal, SSN
College of Engg., Rajiv Gandhi
Salai (OMR), Kalavakkam : Spl. Invitee
5. Mr. Uma Mahesh
Director, Innovative Logic Pvt.
Ltd., Bangalore : Spl. Invitee
6. Dr. V. T. Somasekhar, Professor,
Dept. of Electrical Engg., NIT
Warangal : Spl. Invitee
7. Mr. S. Ramakrishna, Manager
R&D, ISUZU Engg. Business Center,
Chennai : Spl. Invitee
8. Shri. Chandranath Bhatla
Director, Cognizent Technologies
Solution, Chennai : Spl. Invitee
9. Dr. B.Ramamoorthy : Rector
10. Dr. V.M.Rao : Dean, Engineering & Management
11. Dr. B.Seetharamanjaneyulu : Dean, Academics
12. Dr. P.M.V.Rao : Dean, Academic Registration and Evaluation
13. Dr. Avireni Srinivasulu : Dean - R&D
14. Dr. Ch. S.S.Murthy : Dean, Foreign Collaborations
15. Dr. M. S. S. Rukmini : Dean, Student Affairs

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|-----|----------------------------|--|
| 16. | Dr. M. Ramakrishna | : Dean, IQAC and HoD Mech. Engg. |
| 17. | Dr. M. Ramesh Naidu | : Dean, Training and Placements and HOD, Chemical Engg. |
| 18. | Mr. R.Sambaiah | : Finance Officer |
| 19. | Dr. N.Gnaneswara Rao | : HoD, CSE |
| 20. | Dr. S. Krupanidhi | : HoD, Biotechnology |
| 21. | Dr. N. Usha Rani | : HoD, ECE |
| 22. | Dr. G. Srinivasa Rao | : HoD, EEE |
| 23. | Dr. N.Veeranjaneyulu | : HoD, IT & MCA |
| 24. | Dr. Vidhu Kampurathi | : HoD, Applied Engineering |
| 25. | Dr. Almelu Mangamma Hebsur | : HoD, Civil Engineering |
| 26. | Mr. D. Vijay Krishna | : HoD, Management |
| 27. | Dr. N.Srinivasu | : HoD, Science & Humanities |
| 28. | Dr.Y.V.Rao | : Professor, Dept. of MBA |
| 29. | Ms. A. Sharada | : Assoc. Prof., Department of S&H |
| 30. | Mr.P.B.G.S.N.Murthy | : Assoc. Prof., Dept. of Mech. Engg. |
| 31. | Dr.D. Vijaya Ramu | : Assoc. Prof., Dept. of Biotechnology |
| 32. | Dr. M.S. Raghunathan | : Registrar, Member Secretary |

Leave of Absence:

The following members did not attend the meeting :-

- | | | |
|----|--|-----------------|
| 1. | Dr. Shanthi Swaroop Chief Technology Officer, Uurmi Systems, Hyderabad | External Member |
| 2. | Sri.G.Sridhar, President and CEO of Paradigm, IT, Hyderabad | External Member |
| 3. | Mr. O. Naresh Kumar, Symbiosis Technologies, Visakhapatnam | External Member |
| 4. | Mr. Kolli Vinai, Co-Founder & Vice President, College of Engineering Team F1, Hyderabad | External Member |
| 5. | Dr. P.Purushotham Dean, Rural and Skill Development | Internal Member |

The following members were on Other Duty (OD) :-

- | | | |
|----|---|-----------------|
| 1. | Dr. V. Ravi Kumar, Dean, Admissions | Internal Member |
| 2. | Prof. K.V.Krishna Kishore, Dean, Library & Information Sciences | Internal Member |
| 3. | Mr.R.Suresh Kumar, Systems Administrator | Internal Member |
| 4. | Mr.B.Srinivasa Rao, Workshop Superintendent | Internal Member |

Student invitees attended:

1. Mr. B. Sanjay Bhargav, Reg. No. 131FA10002, III year student of Automobile Engg.
2. Mr. E. Yeswanth Kumar, Reg. No. 131FA05076, III year student of ECE
3. Ms. Abu Taalha Siddigi, Reg. No. 131FA06002, III year student of EEE
4. Ms. Ravi Vyshnavi, Reg. No. 141FC01049, II year student of MBA
5. Ms. Ch. Mrudula, Reg. No. 131FA03011, III year student of Civil Engg.
6. Mr. K. Praveen Murthy, Reg. No. 131FA03030, III year student of Civil Engg.
7. Mr. Sk. Mujamill, Reg. No. 131FA04108, III year student of CSE
8. Ms. A. Yasasvini, Reg. No. 121FA04216, IV year student of CSE
9. Mr. P. Manoj, Reg. No. 131FA12042, III year student of Agricultural Engg.
10. Mr. N. Chaitanya, Reg. No. 131FA08097, III year student of Mech. Engg.
11. Mr. Vika Boddula, Reg. No. 131FA08178, III year student of Mech. Engg.
12. Mr. J. Radheshyam, Reg. No. 131FA02004, III year student of Chemical Engg.
13. Ms. N. U.V.Sai Malini, Reg. No. 141FA01042, II year student of Biotechnology
14. Ms. T. Sri Amrutha Valli, Reg. No. 141FA05054, II year student of ECE

PROCEEDINGS:

At the outset, Dr.C.Thangaraj welcomed all the members and invitees to the meeting and thanked the Chancellor, external members and special invitees for honoring the meeting with their presence. He has felt happy about bringing R-16 regulations and mentioned that all the faculty members had put in their efforts. He had also expressed his satisfaction about structure of curriculum which is well modified with strong skill component and will help the learners in all aspects. The Chair person appreciated the BoS experts for their invaluable inputs and announced that all criteria were open for discussion. Later, he introduced all the external members and special invitees from different industries and institutions to the members.

I. Confirmation of the minutes of the previous Academic Council meeting

The minutes of the previous meeting viz 11th Academic Council meeting held on 26.08.2015 have been circulated to all the members and since there are no remarks from the members, the same has been passed.

II. Action taken on the decisions of the previous Academic Council meeting

A report on the action taken on the points raised during the previous meeting has been placed before the Academic Council members. All the members along with chair had approved the actions taken.

III. Agenda items for approval

(1) Revision of Curriculum, Structure and Regulations for all programs of B.Tech.

Dr. Seetharamanjaneyulu, Dean, Academics, has offered brief description of R16 curriculum structure and regulations. He explained that R16 curriculum with choice based credit system (CBCS) will give more flexibility and viability in choosing courses to the stake holders. He also emphasized that R16 curriculum has been designed to meet the industry needs and while making this, the stake holders suggestions are taken into consideration. He added that R16 curriculum has been modified with intense skill and knowledge components so that the learner would become job ready. He also said that credit based life skills and employability skills are introduced in the curriculum spanning five semesters.

Dr. K. Baburao had opined that outcome based education would help the stakeholders in honing the employability skills. Mr. S. Ramakrishna had suggested that exposing the learner to industrial orientation would be beneficial. Mr. Chandranath Bhatla opined that choice based credit system is good for students where they can find better option to pursue their interest.

Dean Academics has expressed that R16 has been improvised compared with R13 including more skill based aspects and more focused on practical based approach. All the courses in R16 are thoroughly revised with majority of the theory courses amalgamated with laboratory sessions and skill components embedded in them. Each student will be given different practical assignments as part of internal assessment and mini projects which will make the learner job ready. Dean, Academics mentioned that all of the Courses including new courses in R16 B.Tech Curriculum enable either Employability/Entrepreneurship/Skill Development as reviewed and recommended by respective Board of Studies (BoS). The feedback from various stake holders including Students, Employers, Teachers, Alumni, and Parents was carefully reviewed and recommended by BoS for design of R16 B.Tech Curriculum.

Er. D. Ramakrishna said that knowledge-skill aspect should be linked with marketing since it has become more crucial at present. He also felt that it was important to cultivate the thought of need identification. Hence, the expert advised to build curriculum that can improve the skill of developing algorithm. In addition to need identification, the candidate should know developing algorithms for certain problems. It has been found that many job aspirants were with poor algorithms developing skill.

Chancellor has expressed his happiness and appreciated the external experts for contributing valuable ideas. He has said that all suggestions will be well taken.

Dr. S. Salivahanan has suggested that students should be encouraged to do research and faculty should guide them in that direction. Er. D. Ramakrishna has felt that ECE students should have elective as JAVA (CSE elective) as it would be helpful in core profession.

Mr.S.Ramakrishna has suggested planning projects among different streams as it will fetch good products.

Dean Academics opined that offering knowledge in one area does not serve the interests as well as market requirements. So, it would be better to offer knowledge and skills in multiple streams. HoD, ECE informed that the syllabus had been modified and integrated with all possible suggestions by experts. HoD, CSE said that imparting practical knowledge has been taken care in new regulations and assured that after completing the course the student will be ready to build algorithm and ready for job.

Vice-Chancellor added that having strong domain knowledge was crucial for all the students.

Mr.E.Yaswanth student of III year ECE felt that core knowledge is required for every engineering student and going too much beyond core was not beneficial. Mr. Manoj student of II year Agriculture felt that students should be encouraged in extra-curricular and co-curricular activities. Students' interest should be taken into consideration and activities should be planned accordingly. Mr.Chaitanya student of III year Mechanical expressed that introduction of design courses and MAT-lab will be useful. HoD, Mechanical said that some designing courses are already included in new regulation. HoD, S&H informed that MAT-lab was introduced for first year students in this regulation.

In the regulation, it has been stated that no candidate will be promoted into next year without 50% of credits. Many experts have responded differently for credit criteria. Dr.S.Salivahanan notified that the rule was not in UGC guidelines. Dr.V.T Somasekhar felt that chronically ill cases should be considered. Vice-Chancellor has opined that chronically ill and less attendance candidates could not make out good result. Finance Officer felt that a committee should be formed to decide for considering such cases and genuine ill cases should be considered with committee's recommendation. Vice-Chancellor also agreed that such cases will be considered based on committee's recommendations.

Mr.Chaitanya student of III year Mechanical suggested that good students should be judged fairly. Mr.Muzzamil student of III year CSE and many other students from different branches have felt that it is better to implement 50% credit system from 2nd year onwards. Vice-Chancellor had viewed that getting 50% credits was not a big deal for any student as getting through 4 courses out of 8 courses will make 50% of total credits; moreover, summer semester would be helpful in clearing backlogs thereby increasing credits. He also added that good counseling system would help the learner to cope with all criteria so, students should be guided right from the start. Rector has added that the same system has been followed in IITs.

Dean Evaluation has opined that getting 50% credits was possible for most of the students, after summer semester. The detained candidates would be less than 7%. He has also added that if implemented, more students will try to clear the backlogs.

A few external members felt that in JNTU, such system was implemented from 2nd year. Dr.Somasekhar has opined that system should have soft corner towards genuine students. Vice-Chancellor opined that since the system wanted to help the stakeholders, all kind of remedial measures are designed.

Mr.Chandranath Bhatla felt that having stringent rules would yield the desired results. Mr. Uma Mahesh opined that implementing this system was advisable as the student enters into Engineering departments (his / her branch) after first year and gets less opportunity to contact the first year faculty members and seek their help in clearing those first year backlogs. Vice-Chancellor also stressed the same point. After 1styear B.Tech. Programme, every year the learner come across different courses (What they studied in I year they never study in next year).

HoD, S&H opined that objective mode of teaching would be helpful as they (learners) have been in the system sofar. Ms.A.Sharada has opined that first year learners were pressurized immensely and they should be given orientation from day one as immediate switching over to a new system will be tough for students. She also added that it would be better they get slowly habituated to write descriptively.

Outcome: After through discussions R16 curriculum, structure and regulations have been approved for all B.Tech Programmes.

(2) 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 mandatorily required to choose courses for the completion of their course work. In addition to the aforementioned courses, scholars are also provided the option to choose courses from the existing Master's program in their discipline.

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

IV. Agenda items for information

1. Recent semester examination result.

Vice-Chancellor had advised HoD, MBA for focusing on Afghanistan students and enquired about remedial classes. HoD, MBA responded that extra classes were scheduled and language skills were taken care of.

2. Discussion on 4th Convocation

4th Convocation of VFSTRU was scheduled for 29th of July 2016 for awarding degrees to UG, PG and Ph. D students.

3. Accreditation by NAAC with 'A' grade.

Vice-Chancellor congratulated all the staff for Accreditation with 'A' grade by NAAC. He added that all faculty members had put in their complete effort in the achievement.

4. NIRF Ranking

Chancellor felt very happy for standing at 88th place out of 1438 institutions and 233 Universities who participated in the Survey. It was felt that public perception of the University will be beneficial in the long scene.

4. All India Survey on Higher Education (AISHE)

The data in the required format is forwarded by the University.

5. University Research Board (URB) meeting conducted on 23rd Jan 2016.

Dean R&D has given the gist of University Research Board and briefed about all committees and their composition. He had also explained the functions of all committees. He informed that the University had adopted a four tier system for Ph. D programme.

Dean R&D also respond to a query on the preference of four tier system in place of three tier by informing that department level monitoring would be done better by the committee than the HoD.

Course work

Dr.K.Baburao had viewed that for a Ph.D. scholar getting 60% marks in course work would be fair since the M.Tech it is 50%. It has therefore been approved that scholar should get 60% of marks in course work. Vice-Chancellor has informed that the regulation for Ph. D has been drawn in middle of European and American models with 4 course works and 3 research works.

Dr. Somasekhar has said that most of universities have no course work in their curriculums.

Synopsis

Dean R&D has mentioned that scholars should have unpaid publication in either Scopus or SCI journals and they should send their synopsis to examiner before submission.

Examiners

Chancellor had opined that many Universities go with Indian examiners as against foreign ones. Rector has felt that foreign examiners will be fair and genuine feedback could be expected.

6. Scientific Advisory Committee meeting conducted on 22nd March 2016

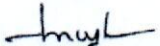
The Scientific Advisory Committee meeting was conducted on 22nd March 2016 and the suggestions made by members have been incorporated.


In the closing address, the Chancellor said that Academic Council is the Apex Body for academic activities where proposals of new programmes should be discussed and suitable ones to be finalized. He expressed his immense happiness for achieving 88th rank in NIRF and

accreditation with 'A' grade by NAAC. He was satisfied that new programmes have been started with new regulations and advised to examine the viability of starting programmes in Law and Travel and Tourism. He further opined that programmes like BBA can be taken to higher level in future.

Vice Chancellor thanked all the members and special invitees for attending the meeting and making it a grand success.

There being no further points, the meeting was adjourned.


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F.No:VFSTRU/Reg/A1/04/2017

Date: 21st July 2017

MINUTES OF THE 17th MEETING OF THE ACADEMIC COUNCIL HELD ON 14th JULY 2017

The 17th Academic Council Meeting of Vignan University was held on 14.07.2017 at 10:00 AM in the Board Room (V Floor) of A-Block under the Chairmanship of Dr.M.Y.S.Prasad, Vice-Chancellor, Vignan University.

Members present:

| | | | |
|----|---------------------------|---|-----------------|
| 1 | Dr. K.Ramamurthy Naidu | Chancellor, Vignan University. | Special Invitee |
| 2 | Er. D.Rama Krishna | MD, Efftronics, Vijayawada | External Member |
| 3 | Dr. K. Babu Rao | Director, Navayuga Infotech, Hyderabad | External Member |
| 4 | Dr. V. Madhusudhan Rao | Dean - E&M | Member |
| 5 | Dr. P.M.V.Rao | Dean - Academic Registration & Evaluation | Member |
| 6 | Dr. Krishna C. Etika | Dean - Academics & HoD, Chemical | Member |
| 7 | Dr. K. P. Vidhu | Dean - R&D | Member |
| 8 | Dr. M.S.S. Rukmini | Dean - Students Affairs | Member |
| 9 | Dr. M. Ramakrishna | Dean - IQAC & HoD, Mechanical | Member |
| 10 | Dr. V.Ravi Kumar | Dean – Admissions | Member |
| 11 | Prof. K V Krishna Kishore | Dean - Lib & IT Service | Member |
| 12 | Dr.Ch. S. S. S. Murthy | Dean – FC | Member |
| 13 | Dr. M. Ramesh Naidu | Dean - T&P | Member |
| 14 | Dr. S. Krupanidhi | Dean - Planning & Monitoring | Member |
| 15 | Dr. D. Vinay Kumar | HoD, AE | Member |
| 16 | Dr. D. Vijaya Ramu | HoD, Biotechnology | Member |
| 17 | Dr. A. Mangamma Hebsur | HoD, Civil | Member |
| 18 | Dr. D. Venkatesulu | HoD, CSE | Member |
| 19 | Dr. N. Usha Rani | HoD, ECE | Member |
| 20 | Dr. G. Srinivasa Rao | HoD, EEE | Member |
| 21 | Dr. K.Kalpana | I/C HoD, MBA | Member |
| 22 | Dr. N. Srinivas | HoD, S&H | Member |
| 23 | Dr. N. Gnaneswara Rao | Professor, Dept. of CSE | Member |
| 24 | Dr. K.HemanthKumar | Professor, Dept. of CSE | Member |

| | | | |
|----|--------------------------|--|-----------|
| 25 | Dr. Avireni Sriniasulu | Professor, Dept. of ECE | Member |
| 26 | Dr. Shaik Jakeer Hussain | Professor, Dept. of ECE | Member |
| 27 | Dr. N. Veeranjanyulu | Professor, Dept. of IT | Member |
| 28 | Dr. K. G. Madhwaraj | Professor, Dept. of IT | Member |
| 29 | Dr. B. Madhusudhan Rao | Professor, Dept. of MBA | Member |
| 30 | Dr. P. Srinivasa Reddy | Professor, Dept. of MBA | Member |
| 31 | Dr. L. Suvarna Raju | Professor, Dept. of Mech. Engg. | Member |
| 32 | Dr. K.Venkata Rao | Professor, Dept. of Mech. Engg. | Member |
| 33 | Dr. M .Sreenivasulu | Professor, Dept. of S&H | Member |
| 34 | Dr. P. L. N. Varma | Professor, Dept. of S&H | Member |
| 35 | Dr. Ruben Nerella | Associate Professor, Dept. of Civil. Engg. | Member |
| 36 | Mr. T. Pitchaiah | Associate Professor, Dept. of ECE | Member |
| 37 | Mr. A. Nagabhushan | Asst. Professor, Dept. of MBA | Member |
| 38 | Mrs. A. Rajani Kumari | Librarian | Member |
| 39 | Mr. K. Dasaradha Ramaiah | Physical Director | Member |
| 40 | Mr. M. Bhanu Praveen | Assistant Registrar | Member |
| 41 | Cmde.Dr.M.S.Raghunathan | Registrar, Vignan University. | Secretary |

Leave of Absence

The following members did not attend the meeting due to prior commitments.

| | | | |
|---|---------------------------|---|-----------------|
| 1 | Dr. Shanthi Swaroop | Chief Technology Officer, Uurmi Systems, Hyderabad | External Member |
| 2 | Dr. Shakeel Ahmad | Pro-Vice Chancellor, Maulana Azad National Urdu University, Hyderabad | External Member |
| 3 | Dr. A. Ramaswamy Reddy | HoD, IT | Member |
| 4 | Dr. B. Seetharamanjanyulu | Professor, Dept. of ECE | Member |
| 5 | Dr. A.Sharada | Professor, Dept. of S&H | Member |
| 6 | Mr. B. Jagan Mohan Rao | Asst. Professor, Dept. of Mech. Engg. | Member |

Student invitees attended:

1. Mr. B. Sanjay Bhargav, Reg. No. 131FA10002
2. Mr. E. Yeswanth Kumar, Reg. No. 131FA05076
3. Ms. Abu Taalha Siddigi, Reg. No. 131FA06002
4. Ms. Ravi Vyshnavi, Reg. No. 141FC01049
5. Ms. Ch. Mrudula, Reg. No. 131FA03011
6. Mr. K. Praveen Murthy, Reg. No. 131FA03030

7. Mr. Sk. Mujamill, Reg. No. 131FA04108
8. Mr. P. Manoj, Reg. No. 131FA12042
9. Mr. N. Chaitanya, Reg. No. 131FA08097
10. Mr. Vika Boddula, Reg. No. 131FA08178
11. Mr. J. Radheshyam, Reg. No. 131FA02004

Proceedings

The Chairman of the Academic Council, Dr.M.Y.S.Prasad greeted and welcomed all the members. In his opening remarks Dr.K.Ramamurthy Naidu, Chancellor, Vignan University, explained the sanctity of Academic Council Meeting and the crucial and multi-dimensional impact of the resolutions passed during this meeting. He desired full participation of the members in knowledge filled and sparkling discussions for systemic reform and progress. Thereafter the Registrar commenced the proceedings of the meeting as per the laid down agenda for the meeting.

1. Confirmation of the minutes of the previous meeting.

The Minutes of the Meeting of the 14th Academic Council held on 28th January, 2017 was placed for approval. Since there were no comments from any member, the Council approved the Minutes of the Meeting held on 28th January, 2017 were confirmed.

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

All the decisions of the previous meeting were meticulous implemented.

(i) Commencement of Ph.D. Programme in English

The members were apprised of the proposal for commencement of Ph.D. programme in English. Feedback from academicians and personnel from industry were contacted to obtain feedback prior to start of the program. The subsequent actions that ensued like issue of public announcement inviting applications for Ph.D. programme, scrutiny of the applications, receipt of research proposals from Scholars, screening test followed by two rounds of interview and the final admittance of three scholars in to part-time Ph.D programme were submitted by Dr.N. Srinivasu, HoD, S&H. The Chair was informed about the availability of Research Supervisors among the faculty of English and the areas of research in which they could offer guidance to the scholars.

(ii) Commencement of B.Sc. Programme

Prof. P.L.N Varma, Department of S&H presented the **launch of B.Sc. programme from the academic year 2017-18.** Encouraged by a thorough survey and consultation on the prospects of launching graduation programme, Prof.Varma conveyed that graduation programme with combination of Maths, Computer Science and Statistics subjects will be offered to the enrolled students.

Hon. Chancellor advised on the prospects of launching Bachelors and Masters Courses in Law and Mass Communication. Responding to the advice of the Hon. Chancellor, Dr.Krishna C.Etika apprised him on the strong inclinations of the local people towards conventional academic courses against which the possible chances of sustainability of elite courses were supposedly bleak.

The council expressed satisfaction on all the actions taken on all items.

3. Agenda Items for Approval

(i) Results of passed out batch for award of degrees

Dr.P.M.V.Rao, Dean, AR&E presented the results statement of 917 students, passed out batches accounted from academic year 2013to highlight the incremental trends in the pass percentage registered in the recent batches as against that of the same recorded in the case of the earlier ones. Dr.P.M.V.Rao pointed that the improvement is more pronounced in the results of I B.Tech. of 2017 which registered an increment of twenty percent when compared with the results of I B.Tech. of 2013. The members of the meeting congratulated the efforts of the Head and staff members of the Dept. of S&H.

(ii) Change in Environmental Studies syllabus as per the UGC guidelines

Dr.N.Srinivasu, HoD, S&H informed the members about the changes in the eight units module syllabus for Environmental Studies which is recommended by Expert Committee constituted by University Grants Commission. As per the orders issued by UGC, an additional unit titled "Human Communities, Environment and the Ecosystem" will be added to the existing syllabus of Environmental Studies. The members of the meeting approved this inclusion.

(iii) Revised Curriculum for BBA (R17)

HoD, Department of Management Studies presented the revised Curriculum, structure and regulations of R17 BBA which follow Choice based credit system (CBCS). 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.

Outcome: The revised R17 BBA Curriculum, structure and regulations was approved.

(iv) Revised Curriculum for M.Tech (R17)

Dr.Krishna C. Etika, Dean, Academics presented the revised curriculum for all M.Tech Programmes. The revised curriculum, structure and regulations of M.Tech Programmes practices Choice based credit system (CBCS), and all M.Tech courses enable employability/entrepreneurship/skill development. Research methodology and Employment orientation program as courses were embedded in the curriculum of all M.Tech programmes. Feedback from various stake holders (students, parents, employers, teachers, alumni) and their analysis were approved by the members of the meeting.

Outcome: The revised R17 M.Tech Curriculum, structure and regulations was approved.

(v) Revised Curriculum for MBA (R17)

HoD, MBA presented revised R17 MBA curriculum. Case studies have become part of the curriculum. The Curriculum follows Choice based credit system (CBCS) with all the revised courses falling under the domains of employability/entrepreneurship/skill development. Inputs were sought from various stakeholders who were reviewed and recommended by BoS. After thorough discussions the members have approved the revised curriculum

Outcome: The revised R17 MBA Curriculum, structure and regulations was approved.

(vi) Change in Bio-Statistics syllabus as per the BOS recommendation.

Once this agenda point was mooted, on the directions by the Chair, Dr.N.Usha Rani explained that with a view to encourage proficiency in probability in the students of Biomedical Engineering, the Board of Studies reviewed the syllabus and recommended the replacement of the unit "Analysis of Variance" with the new unit "Properties of Probability, Probability Distributions and Sampling Distributions". The proposal was approved by the members of the meeting.

(vii) Commencement of new Ph.D. programme in English

Referring earlier discussion [mentioned under heading 2(i)] the commencement of Ph.D programme in English following Choice based credit system (CBCS) to guide the scholars in Literature, ELT and Translation Studies, the members of the meeting approved the above agenda point.

Outcome: The new Ph.D programme in English was approved.

(viii) Commencement of new Ph.D. programme in Agriculture Engineering

HoD Applied Engineering has mentioned the need of launching Ph.D. programme in Agriculture Engineering. The programme follows Choice based credit system (CBCS) and will serve the regional needs of farming community and their allied fields.

Outcome: The new Ph.D programme in Agriculture Engineering was approved

(ix) Introduction of New B.Sc. Programme in Mathematics, Statistics and Computer Science

Referring earlier discussion, [mentioned under heading 2(ii)] the members approved the introduction of B. Sc course with the above said combination of subjects. The new curriculum for B.Sc. practices choice based credit system (CBCS) and all the courses in the programme fall under the domains of either employability/entrepreneurship/skill development. The recommendations by BoS on stake holder's feedback is reviewed by the members of the meeting.

Outcome: The new B.Sc. Programme in Mathematics, Statistics and Computer Science with its structure and regulations are approved

(X) Revision of Ph.D. programmes:

With the inclusion of revised M.Tech and MBA Courses that are offered for Ph.D Students in addition to the other courses in various Ph.D Programmes recommended by DRC and BoS major revision has taken place. All the courses in PhD programmes cater to either employability or skill development or promote the spirit of entrepreneurship

Outcome: The revised PhD regulations were approved by the members.

4. Agenda items for Ratification

No agenda items were presented for ratification in this meeting.

5. Agenda items for information

(i) Appointment of new Vice-Chancellor

The members formally greeted Dr.M.Y.S. Prasad, Distinguished Scientist (APEX), ISRO & Director, SDSC/ SHAR (Retd.) on his appointment as the new Vice-Chancellor of Vignan University. The Vice-Chancellor and Chair of the meeting sought the cooperation and support of all the Deans and HoDs of the meeting for the smooth functioning of the Vignan University.

(ii) Fifth Convocation

The members and the Chair were informed of the University' Fifth Convocation scheduled on 29th July, 2017 for award of degree for UG and PG passed out students. Shri Lavu Nageswara Rao, Hon'ble Judge of Supreme Court shall grace the occasion as the Chief

Guest of the Convocation. Honorary Doctorates (*Honoris Causa*) shall be awarded to Shri A.S. Kiran Kumar, Chairman ISRO, Mr.K. Vishwanath, renowned Film Director and actor and Dr.Kalpana Narendran, Chief Pediatric Ophthalmologist, Aravind Eye Hospital, Coimbatore shall be the Guests of Honour for the Convocation.

(iii) National Institutional Ranking Framework (NIRF) Ranking

Dr.M. Rama Krishna, Dean, IQAC presented that VFSTR was ranked in the 88th place among various Engineering institutions that competed for the national level ranking by NIRF. Dr.K. Babu Rao remarked that after considering the research, infrastructure and other amenities of the VFSTR is worthy to secure a better rating.

(iv) Recent Semester Examination results

Dr.P.M.V. Rao, Dean, AR&E presented the recent semester examination results before the members of the meeting.

(v) Inspection of PCI team for B.Pharmacy programme

Registrar informed the members about the actions taken consequent upon the approval given to commence the course in the last meeting and the inspection of PCI team held on 3rd and 4th July, 2017 in this regard.

(vi) Centre of Excellence in Advanced Wireless Communications

The members were informed about the inauguration of Centre of Excellence in Advanced RF Microwave and Wireless Communications operating under the aegis of M/s Key sight Technologies.

(vii) Workshop on "Power Electronics Applications to Emerging Trends in Energy Systems"

Dr.G.Srinivasa Rao, HoD, EEE informed the members about the five day Faculty Workshop on "Power Electronics Applications to Emerging Trends in Energy Systems" which was held between 27th June, 2017 to 01st July, 2017.

(viii) National Conference on Emerging Trends in Power, Energy and Control

Dr.G.Srinivasa Rao, HoD, EEE informed the members that his department shall be organizing a national level conference titled "Emerging Trends in Power, Energy and Control" on 11th and 12th August, 2017.

(ix) Summer Training Program

Dr.M. Ramesh Naidu, Dean, Training and Placement, informed the members about the Summer Training Program in which students of II, III and IV B.Tech. were trained in verbal ability, quantitative aptitude, verbal and non-verbal reasoning, C- Programming and Data Structures. The training commenced on 12th May, 2017 and ended on 24th June, 2017. The Dean stated that the training yielded good results with 10 students securing ranks

below 100 in the prestigious MockVita organized by TCS in association with Campus Commune.

(x) APSSDC – Progress Report

The members were informed about the training program received by students of CSE and ECE from experts of APSSDC from 12th May, 2017 to 24th June, 2017.

(xi) CELTA Training

The members of the meeting were informed by Dr.N.Srinivasu, HoD, S&H about the training offered for the prestigious Cambridge CELTA in the Cambridge Assessment Centre at Vignan University. He also presented the details of the faculty from Vignan University and its sister concerns who received certificates in CELTA.

6. Discussion on points which were not in the original agenda but came up for discussion with the permission of the Chair.

(i) Testing System in VFSTR

The discussion of testing the students in exams which directly influences the skill building was mooted by the Chair. Dr.Krishna C.Etika responded by describing the internal examination system in which students' attendance to three mid-exams was compulsory.

Er.D.Rama Krishna pointed the variance between the programming skills of students learnt through text based instruction (syntax oriented) and professional programming which is primarily based on synthesis. The Chair, Dr.M.Y.S. Prasad pointed at the troubling gap that exists between the skill set imparted to student and that of the same expected by the recruiting companies. Dr.P.M.V. Rao, Dean, AR&E, clarified Dr.K. Babu Rao's enquiry that testing system in VFSTR adheres to Bloom's Taxonomy and mentioned that the questions selected for exams were framed in a manner to test the analytical ability of the students. Necessary support in place to keep the questions on par with those asked during campus recruitment drives, and the University has a tie-up with the reputed CCC which provides 20% of questions on the above mentioned standard during exams. He also informed that introduction of C Language in I B.Tech. empower the students by the time they arrive in final year.

(ii) Faculty Empowerment

Dr.K.Ramamurthi Naidu, Hon. Chancellor advised to depute some deserving faculty to undergo refresher courses in prestigious institutions like Administrative Staff College which shall keep them updated with the latest trends in technical education and industry. Dr.V.M.Rao drew the attention of the Chancellor towards various programs like Faculty Orientation

Program (FOP), Workshops and Seminars organized in the University to empower the faculty with necessary inputs for good teaching.

(iii) Resolutions and Action Plans

The following resolutions passed and action plans were finalized in the 17th Academic Council Meeting.

| Sl. No | Action Plan | Action to be taken by |
|--------|--|-------------------------------------|
| 1 | More importance to be given for labs and experimentation in the M.Tech. Programmes. | Dean Academics |
| 2 | Study and analyze the suggestion on not to have any choice in questions (in the mid-exams) and present a report in the next Academic Council meeting. | Dean AR&E |
| 3 | Analyze the variance between quality and nature of skills imparted through regular academic course work and their evaluation in the University and that of the same expected by the recruiters. An action plan to narrow down the gap between them should be tabled in the next Academic Council meeting | Dean Academics |
| 4 | To help the prospective teachers for the M.Tech. students, a course on "Methods of Teaching and Technical Communication Skills" has to be introduced in the syllabus | Dean Academics |
| 5 | Faculty to be attached for a minimum period of one month in relevant industry every alternative year. Towards this objective, a committee with two or three members is to be constituted to study its implementation and present it in the next Academic Council meeting | Dean E&M |
| 6 | Qualifying criteria and course requirements for Ph.D. registrations from industry to be studied and presented in the next BoM | Dean R&D |
| 7 | The life-skills building programs planned for Saturdays should be meaningful and well-defined. | Dean Academics |
| 8 | The Chair directed the members that any presentation with comparative data should henceforth be represented graphically and then presented to enable more vivid and quicker appreciation of such data. | All members of the Academic Council |

The members were thanked for their valuable intervention and felicitated. The 17th Academic Council Meeting concluded with the Vote of Thanks rendered by the Registrar of Vignan University, Cmde. Dr.M.S. Raghunathan.

There being no further points, the meeting was adjourned

REGISTRAR

VICE-CHANCELLOR

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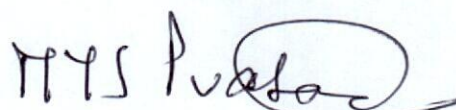
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There being no further points, the meeting was adjourned



REGISTRAR

**VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Deemed to be University)
VADLAMUDI-522 213
GUNTUR (DISTRICT), A.P. INDIA**



VICE-CHANCELLOR

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F.No. VFSTRU/Reg/A1/04/2017_03

Date: 26thDecember.2017

MINUTES OF THE 18TH MEETING OF ACADEMIC COUNCIL HELD ON
21ST DECEMBER 2017

The Academic Council of Vignan University met on 21.12. 2017 at 11:00 AM in the Board Room, 5thFloor, A-Block. Dr. M.Y.S. Prasad, Vice-Chancellor of Vignan University, Chaired the meeting. Chancellor, Dr. K. Ramamurthy Naidu attended the meeting as a special invitee.

Members attended :-

1. Dr. K. Babu Rao : External Member
2. Dr. Shanthi Swaroop : External Member
3. Er. D. Rama Krishna : External Member
4. Dr. V.Madhusudhan Rao : Dean, Engineering & Management
5. Dr. Krishna Chaitanya Etika : Dean, Academics and HoD, Chemical Engg.
6. Dr. M. S. S. Rukmini : Dean, Student Affairs
7. Dr. M. Ramakrishna : Dean, IQAC and HoD Mech. Engg.
8. Dr. V. Ravi Kumar : Dean, Admissions
9. Dr. K. V. Krishna Kishore : Dean, IT & LIS and HoD, IT
10. Dr. S. Krupanidhi : Dean, Planning and Monitoring
11. Dr. D. Vijaya Ramu : I/C Dean, Foreign Collaborations and HoD, Biotechnology
12. Dr. K.V. Madhuri : Dean - R&D I/c
13. Mr. Bhaskara Rao : Assoc. Dean, T&P
14. Dr. D. Vinay Kumar : HoD, Applied Engineering
15. Dr. N. Ruben : HoD, Civil Engineering
16. Dr.D. Venkatesulu : HoD, CSE
17. Mr. T. Pitchaiah : HoD, ECE
18. Dr. G. Srinivasa Rao : HoD, EEE
19. Dr. K. Kalpana : HoD, Management
20. Dr. N.Srinivasu : HoD, Sciences& Humanities
21. Dr. B. Madhusudhan Rao : Professor, Dept. of MBA
22. Dr. P. Srinivasa Reddy : Professor, Dept. of MBA
23. Dr. M. Sreenivasulu : Professor, Dept. of S&H
24. Dr. A. Sharada : Professor, Dept. of S&H
25. Dr. V. Radhakrishna Murthy : Professor, Dept. of S&H

| | | |
|-----|--------------------------|--|
| 26. | Dr. K. G. Madhwaraj | : Professor, Dept. of IT |
| 27. | Dr. N. Veeranjanyulu | : Professor, Dept. of IT |
| 28. | Dr. N.Gnaneswara Rao | : Professor, Dept. of CSE |
| 29. | Dr. K. Hemantha Kumar | : Professor, Dept. of CSE |
| 30. | Dr. B.Seetharamanjanyulu | : Professor, Dept. of ECE |
| 31. | Dr. N.Usha Rani | : Professor, Dept. of ECE |
| 32. | Dr. Shaik Jakeer Husaian | : Professor, Dept. of EEE |
| 33. | Dr. K. Venkata Rao | : Professor, Dept. of Mech. Engg. |
| 34. | Dr. L. S. Raju | : Professor, Dept. of Mech. Engg. |
| 35. | Dr. R. Bharath Kumar | : Assoc. Prof., Dept. of Biotechnology |
| 36. | Mr. P.V.S.Sobhan | : Assoc. Prof., Dept. of EEE |
| 37. | Mr. B. Jagan Mohan Rao | : Asst. Prof., Dept. of Mechanical Engg. |
| 38. | Mr. A. Nagabhushan | : Asst. Prof., Dept. of MBA |
| 39. | Mrs. A. Rajani Kumari | : Librarian |
| 40. | Mr. K. Dasaradha Ramaiah | : Physical Director |
| 41. | Mr. M. Bhanu Praveen | : Asst. Registrar |
| 42. | Dr. P.M.V.Rao | : I/C Registrar and Dean, Academic Registration and Evaluation, Member Secretary |

Leave of Absence:

The following members did not attend the meeting :-

- | | | |
|----|--|-----------------|
| 1. | Dr. Shakee Ahmad Pro Vice-Chancellor, Maulana Azad National Urdu University | External Member |
| 2. | Dr. P. L. N.Varma Professor, Dept. of S&H | Internal Member |

Student invitees attended:

1. Mr. B. Sanjay Bhargav, Reg. No. 131FA10002
2. Mr. E. Yeswanth Kumar, Reg. No. 131FA05076
3. Ms. Abu Taalha Siddigi, Reg. No. 131FA06002
4. Ms. Ravi Vyshnavi, Reg. No. 141FC01049
5. Ms. Ch. Mrudula, Reg. No. 131FA03011
6. Mr. K. Praveen Murthy, Reg. No. 131FA03030
7. Mr. Sk. Mujamill, Reg. No. 131FA04108
8. Mr. P. Manoj, Reg. No. 131FA12042
9. Mr. N. Chaitanya, Reg. No. 131FA08097
10. Mr. Vika Boddula, Reg. No. 131FA08178
11. Mr. J. Radheshyam, Reg. No. 131FA02004
12. Ms. N. U.V.Sai Malini, Reg. No. 141FA01042

13. Ms. T. Sri Amrutha Valli, Reg. No. 141FA05054

PROCEEDINGS:

The Chairman of the Academic Council, DR. M.Y.S. Prasad greeted and welcomed all the members to the meeting. Hon. Chancellor, Dr. K. Ramamurthy Naidu, in his opening remarks mentioned that the UGC-AICTE inspection team reported favorably after their inspection to VFSTR in October, 2017. Hon. Chancellor advised that this success should inspire VFSTR to apply for other accreditations. He also advised that VFSTR to commence Off-campus academic operations; launch more job-oriented courses.

Acting Registrar, Dr. P.M.V Rao took over and briefed the Members on the following aspects:

- a. Visit of UGC and AICTE Joint committee.
- b. Constitution of URB and its first meeting.
- c. Visit of team from South Korea led by Mr. Tim.
- d. Honorary Doctorate Degree to the Vice-Chancellor, Dr. M.Y.S. Prasad by Sri Krishna Devaraya University, Ananthapur.

After that, the Acting Registrar commenced the proceedings of the meeting as per the laid down agenda of the meeting.

1. Confirmation of the Minutes of the Previous Academic Council Meeting.

The Minutes of the meeting of the 17th Academic Council held on 14-07-2017 was placed for approval. Since there were no comments from any member, the Council approved the Minutes of the Meeting.

2. Action Taken on the Decisions of the Previous Meeting.

Dr. PMV Rao informed the meeting that all the decisions of the previous meeting were meticulously implemented.

(i) Lab activity and experimentation in the M.Tech. Programs

Dr. Krishna C. Etika quoted the provision of lab integrated theory courses in M.Tech. R17 curriculum meets the requirements. For example: the three lab integrated theory courses in the machine design program increased the practical periods and experimentation skills of the students.

(ii) Choice in the mid-exams

Acting Registrar and Dean, Evaluation, Dr. PMV Rao responded that the current system that mandates three mid-exams compels the students to learn the entire prescribed syllabus. Examination reforms like inclusion of objective type questions given in every question paper of mid-exams and internal choice questioning pattern with uniform difficulty level maintained in questions are deemed to sustain to standards of testing and still produce impressive results. He further added that, the choice system shall however be gradually discontinued in a phased manner in the near future.

(iii) Industry expectations – Quality of skills imparted: Variance

Dr. Krishna C. Etika responded that with the introduction of minor projects, actions taken on skill acquirement through laboratory exercises, attachment of faculty to industry for a stipulated period and collecting feedback from industry and using it to take necessary action shall reduce the said variance.

(iv) Methods of teaching and Technical communication skills for M.Tech. Students

Dean, Academics responded by explaining that the introduction of compulsory credit-based "Employment Orientation Program" (EOP) will hone the students skills in teaching, pedagogy and presentation. This programme mainly aims for orienting the students towards teaching profession. Responding to the members query about industrial job training, Dean Academics responded that the year-long industry internship and analysis/simulation based project works will meet the said requirement.

(v) Faculty: Attachment to Industry

Dean, E&M, Dr. V.M. Rao responded that 10% of the faculties from all departments were attached to industry for a period ranging from 15-30 days and the skills gained thereby were being transferred to students. HoD, ECE, Mr.T.Pitichiah shared his experience gained through industry exposure. Members opined that that the industry attachment should be treated as a continuous programme for an extended period of time.

(vi) Qualifying criteria and course requirement for Ph.D registrations from industry personnel

Dr.K.V.Madhuri Associate Dean-R&D explained that relaxation is not planned for Ph.D. entrance examination. However, keeping in view of the requirement of the industry personnel there are proposals to consider NPTEL courses as an option for course work. Similarly based on the number of Scholars, class work may be conducted online. These

proposals will be discussed in the next URB meeting before bringing them to the notice of the Academic Council. Er. D. Ramakrishna, External Member recommended elimination of the memory related learning and testing for deciding the qualifications for admission and course work requirement of Ph.D. programme. Procedures similar to open book test will be in line with professionals from industry and help the University in attracting good number of senior and talented scholars from industry.

(vii) Life-skills building program on Saturdays

The discussion on this point is deferred to a later point of time during the meeting as the point is presented as agenda item for information.

(viii) Launching Bachelors and Masters courses in English Litt. etc.,

Dean, E&M responded on this point stating that committees were constituted to recommend on the above proposal and their work is in progress and the final report on the recommendations of the committees shall be submitted in the forthcoming Academic Council meeting. Dr. N. Rueben, HoD, Civil Engineering reported on the efforts made so far to commence bachelors course in Architecture.

3. Agenda points for Approval

The following agenda points were presented for approval of the Council. The members discussed and approved them with recommendations.

(i) B.Pharmacy Curriculum

The agenda point was presented by Dr.Jithendra, Associate Professor, Pharmacy and the curriculum of B.Pharmacy following **Choice based credit system (CBCS)** was approved after discussion. Dr.Jithendra informed the members that the course structure satisfies the PCI requirements and also having flexibility to meet the industry requirements. All the courses in the programme **cater to employability/skills** and promote the spirit of entrepreneurship.

Outcome: The B.Pharmacy Curriculum, structure and regulations following PCI guidelines have been approved.

(ii) Changes in the 2ND year courses of Bio-Medical Engineering (BME)

The details were presented by Dr.Seetaramanjeneya Reddy and Dr.N.Usha Rani, Department of ECE and the changes were approved. Microbiology and pathology course was replaced with Basic Clinical Science.

(iii) Comprehensive Viva-voce and examination for M.Tech. Programmes

The details are explained by the Dean Academics. Replying to the members suggestion to involve external examiners into the evaluation process Dean Evaluation responded that the scheme is still evolving and based on feed-back on its implementation the need of external examiner will be considered. The members have approved the proposal.

4. Agenda Items for Ratification

Revised procedures for lab course work and assessment

The agenda point on revised procedures for lab course and assessment was presented by Dean, Evaluation, Dr. PMV Rao. The point was discussed in the Council and was ratified.

5. Agenda items for Information

The details related to the following events were informed to the Academic Council.

- i) UGC visit during 09th-11th October, 2017
- ii) URB Meeting conducted on 13th October, 2017
- iii) Visit of South Korean delegates on 16th November, 2017
- iv) Details of faculty attended Workshops and Conferences
- v) Programs for building Life-skills
- vi) Participation in NIRF-2018
- vii) Conduct of Vignan Mahotsav – 2018
- viii) Ph.D admission in the Odd semester 2017-18
- ix) Faculty awarded Ph.D
- x) Candidates who have completed Ph.D in VFSTR
- xi) Sanctioned research grants and funding from various agencies.
- xii) Conduct of Cambridge BEC Exam (22nd December, 2017) and PET Exam (on 11th November, 2017)

The 18th Academic Council concluded with closing remarks by the Acting Registrar, Dr. PMV Rao and felicitation to External Members by the Chancellor.

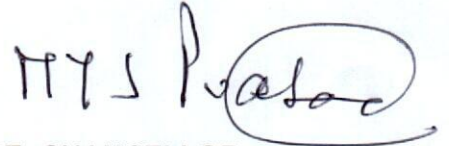
The chair of the meeting proposed a vote of thanks to all the members.

There being no further points, the meeting was adjourned.



I/C REGISTRAR

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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:-

- | | |
|---|-----------------|
| 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.

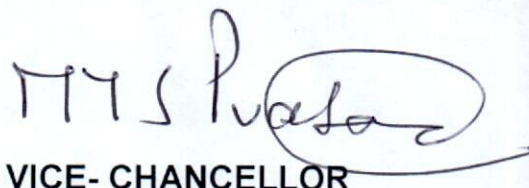
The Council felt that more quantitative data has to be presented to analyze the evolution and growth down the years. The Vice Chancellor thanked everyone for their presence. The members of the Academic Council were thanked and felicitated by the Chairman.

There being no further points, the meeting was adjourned.



REGISTRAR

**VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Deemed to be University)
VADLAMUDI-522 213
GUNTUR (DISTRICT), A.P. INDIA**



VICE- CHANCELLOR

**VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
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VADLAMUDI-522 213
GUNTUR (DISTRICT), A.P. INDIA**



F.No. VFSTR/Reg/A1/04/2019

Date: 06th May 2019

MINUTES OF THE 21ST MEETING OF ACADEMIC COUNCIL HELD ON
29TH APRIL 2019

The Academic Council of VFSTR met on 29.04.2019 at 09:30 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. Ramamurthy Naidu, Chancellor, VFSTR : Special Invitee
2. Dr. K. Babu Rao : External Member
MD, NAVAYUGA Infotech Pvt. Ltd., Hyderabad
3. Er. D. Rama Krishna : External Member
MD, Effotronics, Vijayawada
4. Dr. M. Malakondaiah : Special Invitee
Former DGP, Andhra Pradesh
5. Prof. Mukesh Doble : Special Invitee
Professor, Dept. of Biotech., IIT Madras
6. Dr. Veeresh Babu : Special Invitee
Assoc. Prof., Dept. of Mech. Engg., NIT Warangal
7. Dr. K. Satya Prasad, Rector : Internal Member
8. Dr. V. Madhusudhan Rao, Dean, Engg. & Management : Internal Member
9. Dr. P.M.V.Rao : Permanent Invitee
Dean, Academic Registration and
Evaluation and Controller of Examinations
10. Dr. M.S.S. Rukmini, Dean – Student Affairs : Internal Member
11. Dr. D. Vijaya Ramu : Internal Member
Dean, Academics and I/c Dean, Foreign
Collaborations
12. Dr. M. Ramakrishna, Dean - IQAC : Internal Member
13. Dr. K.V.Krishna Kishore : Internal Member
Dean, IT & LIS and HoD, Dept. of IT
14. Prof. S. Krupanidhi : Internal Member
Dean, Planning & Monitoring and HoD, Dept. of Biotech
15. Dr. G. Srinivasa Rao, : Internal Member
Dean, R&D and HoD, Dept. of EEE
16. Dr. V. Ravi Kumar, Dean - Admissions : Internal Member
17. Mr. D. Vijay Krishna, Dean – T&P : Internal Member
18. Dr. M. Ramesh Naidu, HoD, Dept. of Chem. Engg. : Internal Member
19. Mr. A. Narayana Rao, HoD, Dept. of AE : Internal Member
20. Dr. N. Ruben, HoD, Dept. of Civil Engg. : Internal Member
21. Dr. D. Venkatesulu, HoD, Dept. of CSE : Internal Member
22. Mr. T. Pitchaiah, HoD, Dept. of ECE : Internal Member

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|--|--------------------|
| 23. Dr. L. S. Raju, HoD, Dept. of Mech. Engg. | : Internal Member |
| 24. Dr. N. Srinivasu, HoD, Dept. of S&H | : Internal Member |
| 25. Dr. K. Kalpana, HoD, Dept. of MBA | : Internal Member |
| 26. Dr. B. Madhusudhan Rao, Professor, Dept. of MBA | : Internal Member |
| 27. Dr. M. Sreenivasulu, Professor, Dept. of CSE | : Internal Member |
| 28. Dr. P.L.N.Varma, Professor, Dept. of S&H | : Internal Member |
| 29. Dr. N. Veeranjanyulu, Professor, Dept. of IT | : Internal Member |
| 30. Dr. N. Gnaneswara Rao Professor, Dept. of CSE | : Internal Member |
| 31. Dr. K. Hemantha Kumar, Professor, Dept. of CSE | : Internal Member |
| 32. Dr. B.Seetharamanjanyulu, Professor, Dept. of ECE | : Internal Member |
| 33. Dr. N.Usha Rani, Professor, Dept. of ECE | : Internal Member |
| 34. Dr. Shaik Jakeer Husaian, Professor, Dept. of ECE | : Internal Member |
| 35. Dr. D. Satyanarayana, Assoc. Prof., Dept. of Mech. Engg. | : Internal Member |
| 36. Mr. P.V.S.Sobhan, Assoc. Prof., Dept. of EEE | : Internal Member |
| 37. Dr. K. Annapurna, Asst. Prof., Dept. of ECE | : Internal Member |
| 38. Mr. K. Praveen Kumar, Asst. Prof., Dept. of IT | : Internal Member |
| 39. Mr. R. Suresh Kumar, Systems Manager | : Internal Member |
| 40. Mr. A. Gouri Sankar Rao, Asst. Registrar | : Internal Member |
| 41. Cmde. Dr. M.S.Raghunathan, Registrar | : Member Secretary |

Leave of Absence:

The following members did not attend the meeting :-

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|---|-------------------|
| 1. Dr. Shanti Swarup Director of Engg., MathWorks, Hyderabad | : External Member |
| 2. Dr. Vidhu Kampurath Poduvattil Joint Director (PHE), NIPHM, Hyderabad | : Special Invitee |
| 3. Dr. Mani, Assoc. Dean, Dr. NTR College of Agricultural Engg., Bapatla | : Special Invitee |
| 4. Dr. A. Sharada, Prof., Dept. of S&H | : Internal Member |
| 5. Dr. Jithendra Chimakurthy, HoD, Pharmacy | : Internal Member |
| 6. Mr. R. Sambaiah, Finance Officer | : Internal Member |

Student participants:

1. Ms. K. Harika, Reg. No. 171FA04154
2. Ms. U. Mounika, Reg. No. 171FA04181
3. Ms. P. Akanksha, Reg. No. 171FA05321
4. Ms. M. Pravallikadevi, Reg. No. 161FA05393
5. Ms. V. Gayathri, Reg. No. 161FA04204

Proceedings:

Dr.M.Y.S. Prasad, Vice Chancellor, VFSTR, welcomed the external and internal members and special invitees to the meeting. He informed the members that the focus of the 21st Academic Council Meeting would be R-19, the revised curriculum for VFSTR in the following academic year. He then invited Prof. Ramamurthy Naidu, Chancellor, VFSTR to give his initial comments. Prof. Naidu expressed that certain items on the agenda such as the projects that were presented in Srujanankura and Anveshan must be discussed in detail but may be postponed as discussions on R-19 are more important. He also expressed that Convocation should have been an agenda point. Dr. M Malakondiah, Former DGP, Andhra Pradesh, opined that gainful employment, niche area research, faculty development programmes, residential facility for faculty and physical and mental fitness of the faculty and students must be the focus in the subsequent years. Er. D. Ramakrishna, MD, Effotronics Systems Pvt. Ltd., highlighted the importance of ability of self-learning. He opined that self-learning would help students to understand the mindset required to function in the industrial era as well as aspire for high profile jobs. Dr. K. Babu Rao, Former Professor, NIT Warangal & Director Navayuga Infotech, Hyderabad said that the course design must focus on course outcome, delivery and evaluation. Prof. Mukesh Doble, Professor, Dept. of Biotechnology, IIT Madras, opined that summer internships must be mandated and credited to improve the students' exposure to industry. He opined that the university may invite industrial collaborators to improve the chances of student internships too. He also recommended active research through filing patents, writing grants, encouraging start-ups by students.

1. Confirmation of the Minutes of the previous meeting.

Minutes of the 20th Meeting of Academic Council held on 30.07.2018 was placed for confirmation. The Chair invited comments from the members on the minutes of 20th Academic Council meeting. With no comments, members confirmed the minutes.

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

A report on the actions taken on the decisions of the previous meeting was placed for information. The same was duly noted by the members.

3. Agenda Items for Approval

a) Revision of Curriculum, structure and regulations for all B.Tech Programmes

Dr. D. Vijaya Ramu, Dean Academics, VFSTR, presented the R19 B.Tech curriculum, structure and its regulations. The R19 B.Tech Curriculum follow Choice Based Credit System as like any other curriculum at VFSTR. All of the Courses including new Courses in the respective R19 B.Tech Curriculum enable Employability / Entrepreneurship / Skill Development which were reviewed and recommended by respective Board of Studies (BoS). The feedback from various stake holders including Students, Employers, Parents and Teachers was carefully reviewed by BoS for design of R19 B.Tech Curriculum.

Dean, Academics presented the major inputs from the BoS members of all the departments and suggestions from experts at BITS Pilani (Hyderabad campus). He informed the members that good features from the previous regulation such as seminar, mini project and semester-long internship are maintained in R19 and that R19 focused more on aspects such as self-study, project-based learning (further divided into Intra disciplinary, Inter-departmental and societal projects) and physical fitness, sports and games. He said that the total number of credits have been reduced to 170 but has not been maintained at 160 (as per AICTE guidelines) because the university has decided to give credits to certain courses to encourage the students. He briefed the members on the list of courses and their distribution throughout the semesters. He emphasized on the inclusion of credit based courses pertaining to life skills and employability skills. He also elucidated on the procedure followed in the interdisciplinary, inter departmental and societal projects in R19, physical fitness and games, inclusion of courses in the humanities and management stream and environmental sciences and the procedural details of the honors programme. Registrar VFSTR informed the members that the curriculum design was undertaken by forming two committees; one that looked at R19 and the other that worked on online courses. He presented the process followed in the preparation of R-19 which was a systematic one and prepared with due diligence. He informed the members that R-19 has been finalized by considering the inputs from BoS members, other expert panels and reviews in DDH Meetings.

A presentation on online courses (MOOCs) was made by Dr. Shaik Jakeer Hussain, Prof., Dept of ECE. He explained the process of course identification, list of courses identified, process of evaluation and grading scheme. He informed the members that as a trial and as well as a source of feedback required for implementing the SWAYAM courses in R-19, faculty and students of the university enrolled themselves for these courses and appeared for the exams. He said that all facilities required to run the courses have already been implemented in the university. Dr. Malkondiah opined that courses offered by foreign universities and the ones that do not fall within the purview of AICTE and SWAYAM could be offered as non-credited courses.

Further, Dr. P.M.V. Rao, Dean AR & Evaluation, explained the scheme of evaluation for R19. He informed the members that the question papers have already been revised to suit R-19 based on revised Bloom's Taxonomy. He explained the change in evaluation scheme for R-19 and the blueprint for the evaluation of intra departmental, inter-disciplinary and societal projects, internship, semester-long projects, life skills and employability, online courses, physical fitness and games. The members opined that the internal members may consider drawing a separation between first class and distinction degrees awarded to the students. Dr. M.Y.S Prasad, Vice Chancellor, VFSTR, said that the matter would be discussed internally and a decision would be reached upon. Er.D.Ramakrishna, MD, Effotronics, Hyderabad, and Dr.M. Malakondiah, Special Invitee opined that the number of examinations held could be

reconsidered. Vice Chancellor, Dr. M.Y.S Prasad, recommended that the matter be discussed internally.

Next, course-wise changes from previous regulation to R19 and their rationale was explained by the respective departments. HOD of CSE presented the curriculum and said that the focus of the same is on building programming skills. Er. D.Ramakrishna opined that mobile computing technology may be included as its scope is widening day by day. He suggested teaching the methodology than technology which in turn would prepare the students for more than a routine job. He also suggested that the faculty of the department could attend Gartner conferences to have a better understanding and planning of the courses. He also suggested that certain professional courses as mentioned in the curriculum could be offered in the first year of the programme and that courses such as computer organization and OS could be included in one of the first four semesters.

This was followed by a presentation by Dr. K.V. Krishna Kishore, HOD IT and Dean IT Services. Er. D.Ramakrishna suggested that the topics in electronics could cover more of digital aspects than analog. He opined that the curriculum could include OS structures than compiler design. Dr. K. Babu Rao, external member recommended that big data analytics could be made a regular course.

Next was the presentation of R19 by department of ECE. It was suggested that digital broadcasting be included as an elective. Market oriented elective courses such as AWS were also suggested to be included as electives. It was discussed that industry centric and society centric projects may run simultaneously so that the problems dealt with in the projects be better defined. Dr. Mukesh Doble, special invitee suggested that a list of industries could be identified for these projects and can be taken forward through CSR funding.

This was followed by R19 curriculum for department of EEE and the same was presented by Dr. G. Srinivasa Rao, HOD of EEE and Dean R&D. Dr. M.Y.S Prasad, Vice Chancellor, VFSTR, opined that the need for the course on power systems protection for a full semester may be reconsidered.

Thereafter, Dr.S.Krupanidhi, HoD, Department of Biotechnology, presented the salient changes brought about in the R19 curriculum for Biotechnology and Bioinformatics. The members suggested that the number of industrial experts on the BoS could be improved. This was followed by a presentation by Dr.L.S.Raju from the department of Mechanical Engineering. Dr. M.Malakondiah, special invitee recommended that courses in conventional designing, basic sciences, particularly courses in basic engineering could be retained as self-study courses if it could not be accommodated as per AICTE guidelines. This, according to him would make sure that the overall content does not undergo any reduction.

Dr. N. Srinivasu, HoD of Department of Sciences & Humanities, informed the member that in R19, courses in chemistry, physics and mathematics with branch specific contents incorporated will suit the requirements of respective branches. The members

suggested that the courses in mathematics may be aligned along modern methods than the conventional style. For the course on Professional Ethics, it was suggested that ethical issues discussed should be branch-specific for better understanding of work ethics.

This was followed by a presentation on R19 curriculum for Food Technology. It was mentioned that the courses have been designed in tune with recent changes in the field. Prof. Doble recommended that lectures by industrial experts and industrial visits must be necessary components for the curriculum in Food Technology as much of the knowledge in the area has to come through industry experience. Incorporation of credit-based industry learning system recommended by Dr.M.Malakondiah has been added to this suggestion by recommending the names of possible collaborators such as CFTRI, Mysore, ICT, Mumbai, Mango processing units in Chittoor and IICT, Hyderabad.

Dr. Ruben, HoD, Department of Civil Engineering in his presentation informed the members that the course has been designed with a focus on construction and infrastructure development. It was suggested that the courses must also incorporate construction methodologies, project planning, field methods and climate-change effective methods.

HoD, Applied Engineering presented the curriculum for Agriculture Engineering and Automobile Engineering. The members were informed that since there was no AICTE regulation applied on the course, the structure of the curriculum is aligned with that of ICAR. It was advised that a course on plant mechanization procedure be included and Nagpur Farm Equipment manufacturers be contacted for collaboration. It was also advised that ICRISAT be included in the BoS. For automobile engineering, it was opined that the Society for Automobile Engineering be contacted through which changes and progress in the field can be analyzed. Dr.M.Y.S Prasad recommended to maintain the electric vehicle project.

Presentations on R19 for Biomedical Engineering was made. It was advised that Bio medical engineers from hospitals be made a part of the BoS. This was followed by presentation of curriculum for Chemical Engineering by HoD Chemical Engineering. The members recommended inclusion of courses in bioreactors and bioprocess engineering to improve employability quotient. Next, presentations were made by the members of Textile Technology, and Petroleum Engineering.

The external members then gave their concluding comments on R19. Prof. Doble stressed upon the in-house teaching-learning centres to ensure better teaching inputs. He advised contacting industries for rural-project funding via CSR. He also stressed on publications, patents and other research related activities for the overall growth of the university. He said that research and teaching are simultaneous and active research could lay the base for effective teaching. Dr. M. Malakondiah emphasized the importance of practicality over syllabus. He said that faculty development schemes should be prioritized.

Outcome: All the R19 B.Tech programmes along with their Curriculum, structure, and regulations have been approved.

b) Revision of Curriculum, structure and regulations for MBA Programme

HoD, Department of Management Studies presented the R19 MBA curriculum, structure and its regulations. She mentioned that R19 MBA Curriculum follows **Choice Based Credit System** and **Case studies** are also included. All the Courses in the Curriculum enable Employability or Entrepreneurship or Skill Development which were reviewed and recommended by respective Board of Studies (BoS). **The feedback from various stake holders** including Students, Employers, Parents and Teachers was carefully reviewed by BoS for design of R19 MBA Curriculum and the same is here with approved.

Outcome: The R19 MBA programme along with its Curriculum, structure, and regulations have been approved.

c) Revision of PhD Programmes

• PhD (English)

Dean, R&D presented the revised curriculum of PhD (English) where in new courses were added and presented the details of the revised PhD English Curriculum. With inclusion of 4 new courses for PhD course work as suggested by DRC and recommended by BoS.

• PhD (Agriculture Engineering)

Dean, R&D presented the revised curriculum of PhD (Agriculture Engineering) where in new courses were added and presented the details of the revised PhD Agriculture Engineering Curriculum. With inclusion of 4 new courses for PhD course work as suggested by DRC and recommended by BoS, the curriculum is more oriented towards societal centric problems in Agriculture.

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 mandatorily required to choose courses for the completion of their course work. In addition to the aforementioned courses, scholars are also provided the option to choose courses from the existing Masters program in their discipline.

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

4. Agenda Items for Ratification

NIL

5. Agenda Items for Information

Following items were presented for information of the members and all the points were duly noted.

- a. Continuation of the Deemed to be University status accorded by MHRD to VFSTR
- b. First Semester Results of Academic Year 2018-19
- c. Srujanankura (National Level Tech Extravaganza) and Anveshan - South Zone Student Research Convention 21 - 23rd Feb 2019
- d. Management Development Programme (MDP) in Administrative Staff College of India (ASCI) Hyderabad for Senior faculty members from 11-15 Mar 2019
- e. Parents Felicitation function on 06.04.2019.

The decisions / actions from the 21st Academic Council Meeting are as given below:

1. Society Centric Projects should also include projects from industry and on industry related problems
(Action: Dean, Academics and All HoDs)
2. To check how much credits other universities are allotting for online courses
(Action: Dean, Academics)
3. Credit based summer internship for one month for the students during 2nd and 3rd year to study and consider
(Action : Dean, Academics)
4. A team should visit some of the Deemed to be Universities and study their curriculum and regulations
(Action : Dean, Academics and Dean, Evaluation)
5. All the branches have included in the semester IV-I the management related subject, it may be difficult for the Department of MBA to cater to the load. To examine rearrangement.
(Action : Dean, Academics & HoD, MBA)
6. Evaluation criteria for physical fitness for sports and games is still Grey, to be finalized
(Action : Dean, Evaluation)
7. Mobile Technology and Mobile Computing Course are to be shifted from electives to core
(Action : HoD, ECE and HoD, CSE)
8. Introduce usage of readymade tools in analytics curriculum
(Action : HoD, CSE)
9. Big Data Analysis should be introduced as core subject in the Department of Information Technology
(Action : HoD, IT)
10. The electronic contents in the courses should be more digital, and analog electronics to be shortened only for the introduction
(Action : HoD, ECE)
11. The positioning of computer organization course in the semester after students study digital logic design – to be re-examined.
(Action : HoD, CSE and HoD, IT)
12. Compilers need not be a detailed subject. More emphasis to be given to platforms and real time operating systems
(Action : HoD, CSE and HoD, IT)
13. Cameras and Vision should be subjects as vision based applications will further evolve.
(Action : HoD, ECE)
14. Digital Broad Casting had to be introduced in appropriate semester.
(Action : HoD, ECE)
15. To examine whether there is enough content for two semester long courses on Power Systems Protection.
(Action : HoD, EEE)
16. The professional electives of the EEE department should include more advanced courses in electrical engineering also.
(Action : HoD, EEE)
17. To examine whether online courses in Basic Science and Engineering can also be included in the list
(Action : Dean, Academics and HoD, S&H)
18. Food Technology Department should include more field training in the industry, and it should be credit based
(Action: HoD, Chemical Engineering)

19. The Food Technology syllabus can also be reviewed by more food industry and food research experts (like CFTRI)

(Action: Dean, Academics and HoD, Chemical Engineering)

20. Department of Civil Engineering should include more field oriented visits and courses, and they should be credit based.

(Action: HoD, Civil Engineering)

21. Agricultural Engineering syllabus to get reviewed by Head, Engineering Section of ICRISAT.

(Action: Dean, Academics and HoD, AE)

22. Bioreactors to be included as electives in the Chemical Engineering Department

(Action: Dean, Academics and HoD, Chemical Engineering)

General:

1. Proper facilities have to be developed for physical fitness use like Gym etc, especially for use during hot months

(Action: Dean, Student Affairs)

2. Finishing school concept has to be brought in and implemented in lead departments

(Action: Dean, Engineering and Management)

3. It should be examined whether we are doing too much of examinations to be verified with other universities, to be reduced if required

(Action: Dean, Evaluation)

4. Future recruitments may change and hence future on-campus recruitment may concentrate more on technical content. University should prepare for such change in future

(Action : Dean, Training and Placement)

5. The implementation of R19 and practicality are important involving students, in the follow-up actions on R19

(Action: Dean, Academics)

6. Chancellor suggested that eminent academicians from across the country and from various Deemed to be Universities to be included in the BoS of all the departments

(Action: All HoDs)

7. University should evolve from teaching to research, and more emphasis to be put on faculty development

(Action : Dean, Academics and Dean, R&D)

Dr.M.Y.S Prasad gave the concluding remarks.The external members and special invitees of the Academic Council were felicitated.

There being no further points, the meeting was adjourned.

REGISTRAR

VICE-CHANCELLOR

**VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Deemed to be University)
VADLAMUDI-522 213
GUNTUR (DISTRICT), A.P. INDIA**

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VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956



F.No. VFSTR/Reg/A1/04/2019

Date : 12th DEC 2019

**MINUTES OF THE 23rd MEETING OF THE ACADEMIC COUNCIL HELD ON
29TH NOVEMBER 2019**

The Academic Council of VFSTR met on 29.11.2019 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:

1. Dr. K. Ramamurthy Naidu, Chancellor, VFSTR : Special Invitee
2. Dr. K. Babu Rao
MD, NAVAYUGA Infotech Pvt. Ltd., Hyderabad : External Member
3. Er. D. Rama Krishna
MD, Efftronics, Vijayawada : External Member
4. Dr. Shanti Swarup
Director of Engg., MathWorks, Hyderabad : External Member
5. Dr. K. Satya Prasad, Rector : Internal Member
6. Dr. P.M.V.Rao : Permanent Invitee
Dean, Academic Registration and
Evaluation and Controller of Examinations
7. Dr. M.S.S. Rukmini, Dean - Student Affairs : Internal Member
8. Dr. D. Vijayaramu : Internal Member
Dean, Academics and I/c Dean, Foreign Collaborations
9. Dr. K.V.Krishna Kishore : Internal Member
Dean, IT & LIS and HoD, Dept. of IT
10. Dr. G. Srinivasa Rao, : Internal Member
Dean, R&D and HoD, Dept. of EEE
11. Dr. V. Ravi Kumar, Dean - Admissions : Internal Member
12. Mr. D. Vijay Krishna, Dean - T&P : Internal Member
13. Dr. M. Ramesh Naidu, HoD, Dept. of Chem. Engg. : Internal Member
14. Mr. A. Narayana Rao, HoD, Dept. of AE : Internal Member
15. Dr. N. Ruben, HoD, Dept. of Civil Engg. : Internal Member
16. Dr. N. Srinivasu, HoD, Dept. of S&H : Internal Member
17. Dr. K. Kalpana, HoD, Dept. of MBA : Internal Member
18. Dr. Dr. Jithendra Ch, HoD, Dept. of Pharmacy : Internal Member
19. Dr. B. Madhusudhan Rao, Professor, Dept. of MBA : Internal Member
20. Dr. A. Sharada, Prof. and Division Head of English,

- Dept. of S&H : Internal Member
21. Dr. M. Sreenivasulu, Prof. and Division Head of Physics, Dept. of S&H : Internal Member
22. Dr. P.L.N.Varma, Prof. and Division Head of Mathematics, Dept. of S&H : Internal Member
23. Dr. B.Seetharamanjaneyulu, Professor, Dept. of ECE : Internal Member
24. Dr. N. Usha Rani, Professor, Dept. of ECE : Internal Member
25. Dr. K. Annapurna, Assoc. Prof., Dept. of ECE : Internal Member
26. Mr. K. Praveen Kumar, Asst. Prof., Dept. of IT : Internal Member
27. Mr. N.S.N.Murthy, Finance Officer : Internal Member
28. Mr. R. Suresh Kumar, Systems Manager : Internal Member
29. Mr. A. Gouri Sankar Rao, Asst. Registrar : Internal Member
30. Dr. K. Prabhakar Rao, Prof. and Division Head - Chemistry : Special Invitee
31. Mr. T. Nagendra Kumar, Asst. Prof., Dept. of MBA : Special Invitee
32. Cmde. Dr. M.S.Raghunathan, Registrar : Member Secretary

Leave of Absence

The following members did not attend the meeting due to various reasons: -

| Name of the member | External / Internal member |
|---|----------------------------|
| Dr. V. Madhusudhan Rao, Dean, Engg. & Management | Internal Member |
| Dr. M. Ramakrishna, Dean - IQAC | Internal Member |
| Dr. S. Krupanidhi, Dean, Planning & Monitoring and HoD, Dept. of Biotech. | Internal Member |
| Dr. N. Veeranjanyulu, Professor, Dept. of IT | Internal Member |
| Dr. K. Hemantha Kumar, Professor, Dept. of CSE | Internal Member |
| Dr. Shaik Jakeer Husaian, Professor, Dept. of ECE | Internal Member |
| Dr. D. Satyanarayana, Professor, Dept. of Mech. Engg. | Internal Member |
| Mr. P.V.S.Sobhan, Assoc. Prof., Dept. of EEE | Internal Member |
| Dr. D. Venkatesulu, HoD, Dept. of CSE | Internal Member |
| Dr. T. Pitchaiah, HoD, Dept. of ECE | Internal Member |
| Dr. L. S. Raju, HoD, Dept. of Mech. Engg. | Internal Member |

Student participants:

1. Ms. K. Harika, Reg. No. 171FA04154
2. Ms. U. Mounika, Reg. No. 171FA04181
3. Ms. P. Akanksha, Reg. No. 171FA05321
4. Ms. M. Pravallikadevi, Reg. No. 161FA05393
5. Ms. V. Gayathri, Reg. No. 161FA04204

Proceedings

Dr. M.Y.S. Prasad, Vice-Chancellor, VFSTR, greeted and welcomed the external and internal members as well as the special invitees to the meeting. Briefing the members on the meeting's agenda, the Vice-Chancellor informed the members that the focus of 23rd Academic Council Meeting would be on the commencement of four new P.G Programmes i.e., M.A (English), M.Sc. (Chemistry), M.Sc (Mathematics) and M.Sc. (Physics) and two U.G Programmes B.A LL.B (Hons) and BBA LL.B (Hons) from the Academic Year 2020-21. He then invited the Chancellor, Prof. Ramamurthy Naidu, to make his opening remarks. He informed the members that certain items on the agenda must be discussed in detail and sought suggestions and support from the external members on the subject of commencement of new Programmes and their feasibility. He also informed the members about revision of B.Sc. and B.Pharmacy Programmes. Dr. Prasad, briefed the Council on the events that had taken place in VFSTR since the last Academic Council Meeting on 26-07-2019.

In his initial remarks, Dr. K. Babu Rao, opined that timely execution and delivery is critical for processes and work in the industry and suggested that people working in the academia should also work with the same kind of expediency and speed. Mr. D. Ramakrishna, opined that the faculty must focus on the latest trends and the changing dimensions of technologies and how new technologies such as IOT, Machine Learning and AI were impacting the world and suggested that it could be not only brought into curriculum but allied areas could also be pursued in research. Dr. Santhi Swarup advised the introduction of online courses for the students. Also, he felt that if faculty members could first undergo these courses, they could design some assessment tests to check the learning of the students in the courses. If students could enroll for more number of courses through the NPTEL and SWAYAM platform, he felt it would improve the scope for experimental learning in relevant and emerging areas. Mr. Ramakrishna felt that these online courses could be followed up by some small projects to provide the students some hands-on, on the technologies learned. He also said that it is heartening to see VFSTR growing very fast, and suggested that the university should be guided with a long term plan to develop and distinguish itself on some clear thrust areas in the next 5-7 yrs. The long term academic goal should be to think of reengineering some real world products in the future.

I. Confirmation of the Minutes of the previous meeting.

Minutes of the 22nd Academic Council meeting held on 26-07-2019 was placed for confirmation. The Chair invited comments from the members on the Minutes of 22nd Academic Council Meeting, with no comments, members confirmed the minutes.

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

A report of the action taken on the decisions of the previous meeting held on 26.07.2019 was placed for information.

1. **Compare R19 syllabus with other deemed to be Universities:** Dean, Academics responded that a total of 170 credits are to be acquired by a student for successful completion of degree. He presented a chart comparing the credit system of premier engineering universities of the region like SRM, Chennai, VIT, Chennai, SASTRA, Manipal, GITAM and KLU. Dr. Santhi Swaroop reiterated that both students and faculty should register and pursue courses on emerging technologies and their applications in Coursera. Dean, Academics responded that online courses through NPTEL, SWAYAM & Coursera were already being pursued by many students and faculty members of VFSTR.
2. **Identify deemed to be Universities and verify the credits awarded to online courses in those deemed to be Universities:** Dean, Academics answered that a total of 9 credits are awarded out of 170 credits for NPTEL courses. A total of 12 credits were being obtained for NPTEL courses in VIT, Vellore while Amrita University and BITS, Pilani did not have any provision to offer credits to online courses. Mr. Rama Krishna advised that the course and content relevance should be carefully studied before recommending it for students, as sometimes the content may be very basic and not really add to their learning.
3. **Concentration on III Yr. students who have backlogs:** Speaking on this point, Dr. Santhi Swaroop advised that students with backlogs should be given additional help from first year instead of waiting until third year. The HoD of S&H responded by pointing out to the members that remedial classes for slow learners and backlog classes were being conducted for students right from their first year.
4. **Encouragement to faculty publishing papers in international conferences outside the country:** Dean, R&D responded to this point by explaining the financial support to the publishing faculty to extent of 50% of the registration fee and airfare. He also mentioned that 70\$ per day is granted to these faculty attending and publishing papers in international conferences. He presented the details of faculty members who had availed this provision from VFSTRU.

III. Agenda items for Approval

1. Commencement of new programmes from the next Academic Year 2020-21

A. M.A (English)

Prof A. Sharada, Head, Division of English, presented the proposal of the M.A (English) programme. She presented the feasibility of the course in VFSTR and shared details of the findings of the survey conducted by the English department, where she compared the course structure being followed in different institutions and the limitations they have in offering the MA. Further, she informed members about the course content and number of credits allocated for each course where in Choice based credit system is being offered to provide more flexibility. She also mentioned about orientation of courses towards employment opportunities. She briefed the members of how the curriculum had been designed taking the support of eminent experts like Prof. T. Nageswara Rao, of the English and Foreign Languages University and Dr. Susmita Pani

of Ravenshaw University, Cuttack. Further, she informed the members that the proposed syllabus had been vetted by two more subjects experts, Prof. M.Vedasharan of EFLU, Hyderabad and Prof. M. Suresh Kumar of Acharya Nagarjuna University, Guntur. Dr. Shanti Swarup advised that, the criteria for the selection of the students should be stringent to see that only competitive students are admitted into the programme. He also suggested project samples from IT companies may be useful for documenting writing errors and training students on the writing skills.

Outcome: The Council strongly recommended the commencement of the Programme from the academic year 2020-21

B. M.Sc. (Chemistry)

Dr. Koya Prabhakara Rao, presented the proposal for the start of M.Sc (Chemistry) from the academic year 2020-21 in VFSTR. He explained the demand and feasibility of the course highlighting the specializations, fee structure and course structure. He mentioned that Choice based credit system is being implemented to provide more flexibility. He also informed the members that the thorough review of syllabus had been carried out in consultation with various stakeholders and the suggestions made by the external BoS members were also included in the revised syllabus. Further, he briefed about the infrastructure required, and course outcomes. Dr.Koya also mentioned that majority of courses in the programme are oriented towards industrial needs. Mr. D. Ramakrishna suggested that the nomenclature of M.Sc. Chemistry should be changed in order to capture the attention of the stakeholders. He also pointed out that the Programme should focus on specializations. The council opined that, an upskilling course may be initiated.

Outcome: Based on the presentation and discussion, the Council approved the Programme.

C. M.Sc. (Mathematics)

Dr. Varma, Head, Division of Mathematics, made a presentation on the proposal of M.Sc in Mathematics & Computing Programme in VFSTR from academic year 2020 - 2021. He informed the members of the Council the significance of the Programme by highlighting the Programme objectives and outcomes. He also briefed on the course structure and details of the syllabus including the suggestions made by the external BOS members Dr. Y.N. Reddy, Professor, Department of Mathematics, NIT Warangal, Dr. S. Sreenadh, Professor, Department of Mathematics, Sri Venkateswara University, Tirupati and Dr. E.D. Boobalan, Data Scientist, ZakApps Software Pvt. Ltd., Chennai. Further, he informed the members the requirements of the course and number of credits and electives in each semester. Dr.Varma mentioned that the curriculum follows choice based credit system and will serve the needs of academia and industry. Er. D. Ramakrishna suggested, having Data Science Course which has a huge demand and such courses be initiated in the syllabus and must be revised every year.

Outcome: Based on the presentation and discussion, the Council approved the Programme.

D. M.Sc. (Physics):

The division Head made a presentation on M.Sc. Physics from the academic year 2020 - 21. He informed the members that there is a need to introduce M.Sc. Physics in VFSTR, focusing on the objectives and specializations of the Programme and the resources available in the department. He informed the members that BOS meeting was held on 23rd Nov 2019 to initiate the programme and inputs were sought from academia and industry personnel prior to initiation of the programme. He also presented the proposed programme structure following Choice based credit system (CBCS) and open electives, and specializations such as Material science and Photonics. The council opined that course syllabus should incorporate relevant engineering subjects and also encourage job potential and its relevance in research. Vice Chancellor suggested that there should be focus on two areas viz. Sensors and Lithium Ion Batteries.

Outcome: Based on the presentation and discussion, the Council approved the course.

2. Commencement of Law programme from the next Academic Year 2020-2021:

Dean, Academics, Dr. Vijay Ramu presented the proposal of B.A LL.B (Hons) and BBA LL.B (Hons) from the next academic year 2020-21. He informed the members that there is a need to empower aspiring youth in this region on the subject of law with a view to make them understand different subjects in law profession. He also highlighted 10 law programs at international and national level have been analyzed in order to get the best outcome of the proposed law programmes. He emphasized that majority of the law programmes do not have Honors degree and therefore it is the need of the hour that the VFSTR should initiate the honors program. He also informed the council that eminent people from various universities like Prof. Y. Sathyanarayana, Former VC, Damodaram Sanjivayya, National Law University, Vishakapatnam and Prof. G. Subramanyam, Former VC, GITAM University, Vishakapatnam were involved in this process.

The Council strongly recommended the proposal of law programme for commencement from the academic year 2020-2021. However, the council recommended taking the suggestions of Prof. Dr. A. Lakshminath, former Vice Chancellor and an expert in Law after going through the curriculum of National Law University, Bangalore and NALSAR University of Law, Hyderabad.

3. Revision of UG Programmes

The revision of B.Sc. and B.Pharmacy Programmes was presented before Academic Council for discussion and approval.

(i) **B.Sc. Programme**

Prof. P.L.N.Varma, Division Head for Mathematics presented the details of the revised B.Sc Curriculum following Choice Based Credit System (CBCS). He mentioned that they have adopted Learning Outcome Based Curriculum Framework of UGC. He explained that the curriculum was revised based on stakeholders feedback. He mentioned that the numbers of credits were reduced from 160 to 145. He also mentioned that the syllabus comprises training for PET and BEC with credits. Physical Fitness, Sports and Games, NCC and NSS were given credits. Prof. Varma mentioned that Web Technologies and Artificial Intelligence courses were introduced in to the syllabus. He also mentioned that Calculus course is introduced in the first semester to facilitate the better learning of Differential Equations.

As the Chair enquired about the removal of computer science fundamentals and its effect on the learning of Artificial Intelligence, the HoD mentioned that by the time the B.Sc. students reach final year, they complete course in programming. Dr.Varma presented the semester wise course structure for which Dr. Shanti Swarup appreciated the same as comprehensive.

Outcome: The revised B.Sc. Curriculum, Structure and Regulations were approved by the members.

(ii) **B. Pharmacy Programme**

HoD, Department of Pharmaceutical Sciences presented the details of the revised B.Pharmacy Curriculum with inclusion of 21 courses as electives. Already the existing B.Pharmacy Curriculum is following Choice Based Credit System (CBCS) and inclusion of these elective courses would add more choice. The courses were incorporated based on stakeholders feedback to enhance skills in allied fields.

Outcome: The revised B.Pharmacy Curriculum was approved by the members.

4. **Revised Examination Manual**

Dr. P.M.V. Rao, Dean Evaluation, made a presentation on the exercise carried out by the institution towards the revision of the examination manual. He opined that there would be three formats in the exam manual, classifying (I) Examination manual (Confidentiality of Exam), (II) Formats (Application) and (III) Applications (Instructions). He added that all these are included in the new manual, and a section on the special arrangements available for physically challenged students. In this regard, comments were sought from all the members by end December 2019. It was agreed that the draft copy of the manual would be circulated to all for further comments. In case no comments are received within the mentioned time, revised manual would be considered as approved.

IV. Agenda items for ratification

Nil

V. Agenda items for information

Following items were presented for information of the members and all the points were duly noted.

a) Status of research activities

Dean, R&D briefed the members on the research activities that had happened during the year 2019. He informed the members that the number of papers published in SCI, SCOPUS and UGC Index journals had been significantly increased. During the 2019, 333 faculty members attended the conferences and four projects were sanctioned by the Government agencies worth of 121.6 lakhs and two laboratories were established.

b) Faculty members who have acquired PhD since the last Academic Council meeting held on 26/07/2019.

Seven faculty members from the various departments have been awarded PhD since 26/07/19.

A report on the visit of senior faculty, which included the five Deans to NTU Singapore during 06/10/2019 to 10/10/2019 was given by Dean Academics, where he shared that the visit had been most productive. He expressed satisfaction that important links had been established for future collaborations for academic exchange like internships, as well as Research

The following action plans were arrived at during the meeting:

| S.No | Action Point | Action to be taken by |
|------|---|-----------------------|
| 1 | A thorough review should be conducted on the syllabi, content and outcomes of M.Sc. (Chemistry), M.Sc. (Mathematics) and M.Sc. (Physics) courses to be commenced from the next Academic Year 2020-21. | HoDs concerned |
| 2 | No of faculty publications and quality of the papers to be further increased through identification of thrust areas department wise. | Dean, R & D |
| 3 | Faculty and students to be encouraged to participate in 'trade-fairs', along with conferences | Dean, R & D |
| 4 | Remedial classes to be conducted for all backlog students from I Yr. to III Yr. | All HoDs |

The agenda items for information were placed before the members and the members took note of it. There being no further points, the meeting was adjourned.

REGISTRAR

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NAAC
Accredited A

F.No.VFSTR/Reg/A1/04/2020

Date: 30.07.2020

**MINUTES OF THE 24TH MEETING OF THE ACADEMIC COUNCIL
HELD ON 25TH July 2020**

All the Internal Members of VFSTR attended the meeting in person while the External members participated the meeting virtually.

1. Dr. K. Ramamurthy Naidu, Chancellor, VFSTR : Special Invitee
2. Dr. K. BabuRao
MD, NAVAYUGA InfotechPvt. Ltd., Hyderabad : External Member
3. Er. D. Rama Krishna
MD, Efftronics, Vijayawada : External Member
4. Dr. Shanti Swarup
Director of Engg., MathWorks, Hyderabad : External Member
5. Prof. P.B. Kavi Kishore, Research Advisor : Special Invitee
6. Dr. P.M.V.Rao
Dean, Academic Registration and
Evaluation and Controller of Examinations : Permanent Invitee
7. Dr. V. MadhusudhanRao, Dean-E&M : Internal Member
8. Dr. D. Vijayaramu
Dean, Academics and Dean,
Foreign Collaborations: Internal Member
9. Dr. K.V.Krishna Kishore : Internal Member
Dean, IT & LIS and HoD, Dept. of IT
10. Dr. G. SrinivasaRao, : Internal Member
Dean, R&D and HoD, Dept. of EEE
11. Dr. V. Ravi Kumar, Dean - Admissions : Internal Member
12. Dr. M. Ramakrishna, Dean-IQAC : Internal Member
13. Mr. D. Vijay Krishna, Dean - T&P : Internal Member
14. Dr. M. Ramesh Naidu, HoD, Dept. of Chem. Engg. : Internal Member
15. Dr. L. SuvarnaRaju, HoD, Dept. Of Mech. Engg. : Internal Member

16. Dr. D. John Babu, HoD, Dept. Of Biotechnology : Internal Member
17. Dr. D. Venkatesulu, HoD, Dept. Of CSE : Internal Member
18. Dr. T. Pitchaiah, HoD, Dept. Of ECE
19. Mr. A. NarayanaRao, HoD, Dept. of AE : Internal Member
20. Dr. N. Ruben, HoD, Dept. of Civil Engg. : Internal Member
21. Dr. N. Srinivasu, HoD, Dept. of S&H : Internal Member
22. Dr. K. Kalpana, HoD, Dept. of MBA : Internal Member
23. Dr. B. MadhusudhanRao, Professor, Dept. of MBA : Internal Member
24. Dr. A. Sharada, Prof. and Division Head of English,
Dept. of S&H : Internal Member
25. Dr. M. Sreenivasulu, Prof. and Division Head of
Physics, Dept. of S&H : Internal Member
26. Dr. P.L.N.Varma, Prof. and Division Head of
Mathematics, Dept. of S&H : Internal Member
27. Dr. N. Usha Rani, Prof., Dept. of ECE : Internal Member
28. Dr. K. Hemantha Kumar, Prof., Dept. Of CSE : Internal Member
29. Dr. M. NirupamaBhat, Prof. Dept. Of CSE : Internal Member
30. Dr. N. Veeranjanyulu, Prof., dept. Of IT : Internal Member
31. Dr. ShaikJakeerHussain, Prof., Dept. Of ECE : Internal Member
32. Dr. D. Satyanarayana, Prof., Dept. Of Mech. Engg. : Internal Member
33. Mr. P.V.S. Sobhan, Assoc. Prof., Dept. Of EEE : Internal Member
34. Mr. K. Praveen Kumar, Asst. Prof., Dept. of IT : Internal Member
35. Mr. N.S.N.Murthy, Finance Officer : Internal Member
36. Mr. R. Suresh Kumar, Systems Manager : Internal Member
37. Mr. A. GouriSankarRao, Asst. Registrar : Internal Member
38. Cmde. Dr. M.S.Raghunathan, Registrar : Member Secretary

Leave of Absence

The following members did not attend the meeting due to various reasons:-

1. Dr. M.S.S. Rukmini, Dean - Student Affairs : Internal Member
2. Dr. S. Krupanidhi, Dean, Planning & Monitoring : Internal Member
3. Dr. B.Seetharamanjanyulu, Professor, Dept. of ECE: Internal Member
4. Mr. S.V. Ramakrishna, Assoc. Dan, E&M, Dept. Of CSE : Internal Member

Proceedings of the meeting:

The opening remarks were rendered by the Chair who stated that the University made a good progress since the last Academic Council meeting. He informed the members that UGC 12 (b) status was accorded and the National Board of Accreditation (NBA) was accorded to five departments such as CSE, ECE, EEE,

Mechanical Engineering and Bio Technology. He mentioned that the University secured 100th rank in overall and 118th rank for Engineering as per NIRF rankings. He informed the members that the students were given assignments before the Covid 19 break. The University diligently conducted online classes during the lockdown period and also successfully conducted the online end semester exams. He also informed that 8879 online classes were conducted by 337 faculty. The Chair informed the members of the meeting that the University obtained approval from AICTE for the year 2021 and also mentioned about the reduction of seats in the departments of ECE and MBA. The Chair spoke on the commencement of four new programs in emerging areas namely Artificial intelligence & Machine Learning, Cyber Security, Computer Science - Business Systems and Robotics and Automation, and implementation of decision from AICTE to reduce the duration of MCA from three years to two years. The Chair appreciated the research activity in the University by pointing at 75% of publications published in unpaid peer reviewed journals. He mentioned that VFSTRU will reopen on 13 August 2020 and in case of students not turning up, online classes will be conducted. The Chair concluded his opening remarks by thanking the External members for their good suggestions during the break period.

Dr. Shanti Swarup, External Member remarked that he was impressed by the way VFSTRU displayed resilience during Covid 19 situation. He also said that he was glad about commencement of new programs in emerging areas.

Er. D. Rama Krishna spoke that the pandemic was a major challenge. He advised to share videos for online classes. He also advised to create online labs for the benefit of students.

I. Confirmation of Minutes of the previous meeting

The Minutes of the 23rd Academic Council Meeting held on 29-11-2019 was placed for confirmation. The Chair invited comments from the members on the Minutes of 23rd Academic Council. With no comments, the members confirmed the Minutes.

II Actions taken on the decisions of the previous meeting

1. On the first action taken on the design of syllabi, content and outcomes of M.Sc. (Chemistry), HoD, S&H informed the members that all the suggestions of the Academic Council were implemented. BoS was constituted with experts from IITs,

NITs, Central Universities and industry. The member mentioned that each semester shall have 20 credits. He also mentioned that seminars will be organised every semester.

2. The second action taken regarding research in VFSTRU, the Dean R&D responded that a total of 539 papers were published of which 453 papers were published in unpaid journals. He further informed that 129 papers secured. The Dean mentioned that H-Index of the University is 24.

At this point, Research Advisor Dr. Kavi Kishore mentioned that impact factor as per Thomson and Reuters should be considered. He also mentioned that peer reviewed journals should be considered for publishing papers.

3. Regarding the third action point, Dean, R&D informed the members that 209 faculty members presented 339 papers in national and international conferences.

4. Regarding fourth action point, all the HoDs responded that they conducted remedial classes in their departments for all students with backlogs in I, II and III years.

III. Agenda Items for discussion and approval

1. Revision of Curriculum, structure and regulations for all programmes of M.Tech

Prof. Vijaya Ramu introduced the presentation on revised M.Tech programs that follows Choice based credit system, as in the past. Feedback is obtained from various stakeholders while revising the curriculum. He mentioned that revised M.Tech curriculum comprises of MOOCs courses which are made mandatory. Audit courses are also introduced as per AICTE model curriculum. In addition to it, year long internship/major project, minor projects and Societal-centric/industry oriented projects are introduced. The curriculum lay emphasis on project-based learning approach.

Dr.Kavi Kishore serving as advisor to department of Biotechnology, VFSTR mentioned that there should be separate labs to test the efficacy of natural products. Dr. Shanti Swarup advised the HoD, Biotechnology to consult the seminal research of Mary Oxman in MIT who was working on advanced concepts of Biotechnology. Er.D.Rama Krishna advised that Domain Characteristics and Application of Devices should be introduced in M.Tech Embedded Systems. He also advised to stress on building protocol for communication.

Dr. Shanti Swarup enquired about the Virtual Analysis Technology for which the HoD, ECE responded that they were incorporating.

HoD, Mechanical Engineering presented on the R20 syllabus and he mentioned that new courses like Failure Analysis, Theory of Elasticity and Plasticity and Computer Aided Simulation were included in the syllabus of M.Tech Machine Design. He also mentioned that in the second semester, Robotics and Automation along with three new electives which are included in the curriculum.

HoD Chemical Engineering mentioned that new courses like Food Chemistry and Nutrition were introduced in M.Tech Food Processing Technology.

All the courses in M.Tech as per R20 have been approved by the Council and they cater to employability/entrepreneurship/skill development.

Outcome: Revised regulations of R20 M.Tech for all programmes along with its curriculum, structure and regulations have been approved.

2.Revision of Curriculum, structure and regulation of BBA

The HoD of Management studies presented the revision of BBA curriculum which follows Choice based credit system and brought about skill based learning and Analytics in Marketing and HR streams. The programme was revised by obtaining feedback from various stakeholders. MOOCs courses are also introduced and made mandatory. The HoD presented the semester wise syllabus of revised BBA. She also mentioned that there will be a summer internship for eight weeks. Concerning this, Er. D. Rama Krishna enquired about the inclusion of case studies into the syllabus to which the HoD responded that out of 40 marks of Internal Exams, 5 marks were allotted to case studies. As Dr.Madhusudan Rao enquired on inclusion of society related problems in BBA, the HoD responded that the project work in II and III years corresponds to societal related issues. All the courses in the programme cater to employability/entrepreneurship or skill development.

Outcome: Revised regulations of R20 BBA along with its curriculum, structure and regulations have been approved.

3. Revision of Curriculum, structure and regulation of MCA

HoD IT Dr. Krishna Kishore presented the revised MCA curriculum as per the new regulations of UGC and AICTE which insists that the course duration is to be reduced from three to two years. Er. D. Rama Krishna mentioned that the students passed out of B.Tech will be appointed as Software Project Manager, Quality Management and Tertiary Management. He advised that the system of providing software and the systems in education should be standardized. Er. D. Rama Krishna mentioned that MCA students will be appointed in Testing and Verification, 5G, Security and Wireless Networking Skills. He mentioned that strong skills in

Programming Language and Software Engineering were needed. He informed that lot of tools were available and they are used multi-dimensionally. He stated that EDCI is a major activity in the industry using integrated software. More management courses should be integrated with MCA to improve the decision making skills of students. Dr. K. BabuRao mentioned that theoretical knowledge is less and is required in students. He pointed that there is no management course in 2 year MCA. Dr. Krishna Kishore responded on this and mentioned that Software Project Management is included in the Principles of Management course.

Outcome: Revised regulations of R20MCA along with its curriculum, structure and regulations have been approved.

IV. Agenda Items for Information:

1. Starting of four new B-Tech programmes in Artificial intelligence and Machine Learning, Cyber Security, Computer Science and Business Systems and Robotics and Automation from the new academic year 2020-21:

The Registrar informed the members that AICTE has accorded approval for the commencement of four new B.Tech. programmes with intake of 30 seats each from the next academic year 2020-21.

2. Status of research activities:

Dean R&D responded that 539 papers were published of which 43 were conference papers. Three projects worth Rs. 106 lakhs were in progress. He stated that plans to organize 5 international and 6 national conferences. Total of 36 patents were obtained and 58 doctoral degrees were awarded. The Dean mentioned that the H-Index of the university was 24.

3. Online end semester exams for students:

Dean, Evaluation informed the members of the Council that online exams were conducted for the final year students of VFSTR with the technical support of TCS. For each exam, 60 MCQs were to be answered in 120 minutes. The students writing the exam were monitored through video. The results have been announced in seven days on completion of online exams. The online exams for I, II, and III year students were in progress.

4. NBA Accreditation:

The Registrar informed the members of the Council that after the visit by NBA in February 2020, accreditation was granted to five programs namely BT, CSE, ECE,

EEE and Mechanical Engineering. The Registrar stated that the accreditation will be valid up to 2023.

5. International E-Conference on “Research trends in drug discovery, diagnostics and therapeutics” from 02-07-2020 to 04-07-2020 by department of Bio Technology:

HoD of Biotechnology informed the Council that the conference was conducted from 09:30AM to 04:30PM. Eighteen invited speakers delivered talks in the conference. The HoD mentioned that 1750 registrations and the attendance of 50 scholars were the highlights of the conference. He also informed that articles of the conference will be published in journals.

6. Faculty who have acquired Ph.D since the last AC meeting held on 29-11-2019:

Dean, R&D informed the members that five faculty members from BT, CSE, ECE, EEE and Mechanical Engineering branches were awarded doctoral degrees since the last Academic Council meeting.

V. Any other points with the permission of the Chair:

Two points were raised by the Chancellor as given below:

1. Eminent persons visited and addressed the students on department wise:

The following eminent persons visited VFSTR and interacted with the concerned department students & faculty:

| Department | Eminent persons visited & addressed the students |
|------------|---|
| Chemical | (a) Dr.C.R.Sukumaran Associate Dean (Rtd.,) College of Food Science Technology, Bapatla, ANGRAU |
| | (b) Dr. Tadapaneni Venkata Ramana Rao, Professor, Dept. of Biosciences, Sardar Patel University, Satellite Campus, Bakrol, Gujarat-388120 |
| CSE | (a) Prof DVLN Somayajulu, Director, IIIT, KURNOOL |
| | (b) Prof D Vara prasad, BMS College of Engineering, Bangalore |

| | |
|------------|--|
| | (c) Prof CR Muthukrishnan, former Deputy Director, IIT Madras |
| | (d) Prof K Babu Rao, Director, Navayuga Infotech, Hyderabad |
| | (e) Prof Sounder Rajan, Retd Professor of Nanyang Technological University, Singapore |
| Mechanical | (a) Dr.Dorotya Guban. Scientist, German Aerospace Centre (DLR) Cologne. Germany. |
| | (b) Dr.Rizlman Mamath Professor in Mechanical Engineering Dept. The University of Malaysia., Pahang |
| S&H | (a) S. Ilamgovan University of Hyderabad, Resource Person |
| | (b) Dr. C.V.S. Brahmanand Rao Head, Solution Chemistry & Mass Spectrometry Section, Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamilnadu |
| Civil | (a) Dr. P. Rathish Kumar Professor - Civil Engineering Department NIT Warangal |
| | (b) Dr. D.V. Prasada Rao Professor - Civil Engineering Department SV University, Tirupati |
| ECE | (a) Prof . Krishna Prasad Former Professor, NIT Warangal |
| | (b) Mr.Pathy Iyer , Head, Business Development - Keysight |
| | (c) Prof. Dr.Venkatapathy Prithiviraj Former Principal, PEC,Pondicherry |
| | (d) Prof.Krathi Keyan Professor, IIT Roorkee |
| | (e) Prof.K. Chandra Bhushana Rao Professor, JNTU, Vijayanagaram |
| | (f) Dr. A. S. Gandhi NBA expert Member,Professor, VNIT, Nagpur |
| | (g) Dr. P.K. Singhal NBA expert Member Professor, MITS, Gwalior |
| EEE | (a) Dr.Narasimham Sundara Rajan Former Director, ISRO Professor, Dept. of EEE NTU, Singapore. |
| | (b) Dr. Muhammad Harunur Rashid University of West Florida, Pensacola, Florida, USA |

| | |
|-----|---|
| | (c) Dr.Sisil Kumarawadu University of Moratuwa, Sri Lanka |
| | (d) Dr.Dharmasa Pawar National University of Science and Technology, Muscat, Oman |
| | (e) Dr. Sivaji Chakravorti National Institute of Technology, Calicut, Kozhikode, Kerala |
| AE | (a) Mr. Vunnava Gopi Chand, Lead Engineer, John Deere India Private Limited, Pune, Maharastra |
| | (b) Mr. Kiran Raj Goli Principal Advisor to CEO, Avera New and Renewable Energy Moto corp, Nunna, Vijayawada |
| | (c) Mr. Ch. Raghu Kiran Senior Manager, NTPC, Simhadri, Vishakhapatnam |
| | (d) Mr. G. Rajkumar Quality Assurance Engineer Kirloskar Toyota Textile Machinery PVT.Ltd.Jigani, Bangalore. |
| BT | (a) Dr. R. Satish Babu HoD, Biotechnology, NIT Warangal |
| | (b) Dr. K. Muralidhar FNA, UOH, Hyderabad |
| | (c) Dr. Noboyosh Yamashita Chief Senior Researcher Env. Management Researcher Grap NIAISR, Onogawa, Ibaraki, Japan. |
| | (d) Prof. Sankar Mitra Radiation Oncologist Hastar Methochist Research Institute |
| | (e) Prof. Paturu Kondaiah Chairman, Molecular Reproduction Development and Genetics (MRDG), Indian Institute of Sciences, Bangalore |
| | (f) Prof. Vadlamudi Raghava Rao Rtd., DG, Anthropological Survey of India |
| | (g) Prof. Kondapi Anand Kumar Department of Biotechnology & Bioinformatics University of Hyderabad |
| | (h) Prof. Voleti Sreedhara Chief Executive Officer, Bionest University of Hyderabad |
| MBA | (a) Ms. T. Yamini, Conference Producer, UBS Mumbai |
| | (b) Mr. P. Pavan kumar and Sivaramakrishna, Cube welfare society |

| | |
|----|---|
| | (c) Mr Vamsi Krishna Sales Manager & Branch Head, Guntur., HDFC AMC |
| | (d) M.S.K. Prasad Former Indian National Cricket Team chief selector, |
| | (e) Mr. Raja Kalahsthi Chief Information Officer, Commercial Bank, USA |
| IT | (a) Dr. Manish Jain, Corporate Trainer, Samridhi Solutions, Indore |
| | (b) Mr. Akhilesh Kumar Chousara Corporate Trainer, Samridhi Solutions, Indore |
| | (c) Dr. Seela Veerabhadreswara Rao, Professor and Head CSE Indian Institute of Technology Guwahati |
| | (d) Mr. Ravi Teja Vupasi, Mobile Apps Engineer Fintech Software Solutions, Bangalore |
| | (e) Mr. Prasanth Sahoo, Corporate Trainer and Blockchain expert, TCS, India |

2. Suggestions from external experts regarding thrust areas in preparing projects and getting international collaborations:

| Department | Thrust areas |
|-------------------------|---|
| Mechanical Engineering. | 1. Composite Materials 2. Tools & Machine Condition Monitoring 3. Bio-Fuel Preparation and Characterization |
| EEE | 1. Low power AC-DC converters 2. Long range Electric Vehicles 3. Micro grids |
| MBA | 1. Hospital Administration 2. Digital Marketing 3. E- Commerce |

The Chair before winding up the discussion informed the members that there shall be another Academic Council Meeting at the end of August.

The following action points were brought up during the meeting:

| Sl.No | Action Point | Action to be taken |
|-------|---|--|
| 01 | There should be a thorough study of needs of industry and courses which attract jobs from industry should be identified | HoD, ECE |
| 02 | HoDs of Mechanical Engineering, and Applied Engineering should identify interdisciplinary courses for the students and include them in the syllabus. | HoDs of Mechanical Engineering, and Applied Engineering. |
| 03 | HoD IT, HoD CSE and Head Mathematics Division to review the content of "Probability and Statistics course for B.Sc and different B.Tech programmes and to harmonize them to the maximum extent. | HoD IT, HoD CSE and Head Mathematics |
| 04 | MCA syllabus should be checked for proper share of integration of tools and applications in the courses | HoD IT |
| 05 | HoD Mechanical Engineering, HoD Applied, HoD CSE and HoD ECE to review the course on Vehicle Monitoring and Prognosis hardware and software in the other departments and to review whether it is necessary for M. Tech Farm Machinery | HoD Mechanical Engineering, HoD Applied, HoD CSE and HoD ECE |
| 06 | HoD CSE shall hold another BoS meeting with additional industry experts and review the courses of its M.Tech after debating on the job requirements for post-graduates | HoD CSE |
| 07 | Department of ECE should bring algorithm course into core for its M. Tech program. | HoD ECE |
| 08 | The projects being given to the M.Tech VLSI students should be linked to theoretical courses, industry needs and latest devices and requirements. | HoD ECE |
| 09 | Testing and validation should be a core for M.Tech VLSI and not an elective. | HoD ECE |
| 10 | All courses for new programmes in the emerging areas should be reviewed keeping in view the content being taught in the leading universities. | Dean Academics and HoDs CSE, MECH and IT |

There being no further points, the meeting was adjourned.

REGISTRAR

VICE-CHANCELLOR

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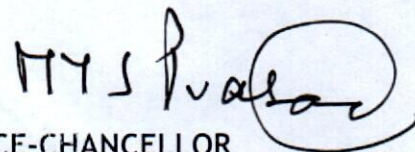
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