

MINUTES
OF
22ND ACADEMIC COUNCIL MEETING

NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND
TECHNOLOGY (NERIST)

NIRJULI :: ITANAGAR :: ARUNACHAL PRADESH
Deemed University (u/s 3 of the UGC Act, 1956)




VENUE : BOARD MEETING ROOM, NERIST
DATE : 27.02.2016
TIME : 10:00 AM

**MINUTES OF 22nd MEETING OF ACADEMIC COUNCIL HELD ON
27.02.2016 AT BOARD MEETING ROOM, NERIST.**

Following were present:

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| 1. Prof. P.K. Das Director, NERIST | - | Chairman |
| 2. Prof. P.K. Tripathy, Dean (Academic) | - | Member |
| 3. Prof. Md. A. Hussain, Dean (Planning & Development) | - | Member |
| 4. Prof. Binay Singh, Dean (Students Affairs) | - | Member |
| 5. Prof. M.F. Hussain, Dean (Administration) | - | Member |
| 6. Prof. Sankar Chandra Deka, Deptt. of , Food Engg & Tech. Tezpur University, Tezpur (Assam) | - | Member |
| 7. Prof. D.N. Das, Dean, Faculty of Life Science, Rajiv Gandhi University, Doimukh (Itanagar) | - | Member |
| 8. Prof. Tomo Riba , Dean Faculty of Environmental. Science, Rajiv Gandhi University, Doimukh, Itanagar | - | Member |
| 9. Mr. Talo Potom, ADM cum CEO, Govt. of A.P, Itanagar. | - | Member |
| 10. Prof. J. Choubey, Deptt. of Mathematics | - | Member |
| 11. Prof. S.K. Singh, Deptt. of Civil Engg. | - | Member |
| 12. Prof. Mubarak Hussain, Deptt of Chemistry | - | Member |
| 13. Prof. M. Muralidhar, Deptt. of ME | - | Member |
| 14. Prof. S.K. Pandey, HoD, Deptt. of Mathematics | - | Member |
| 15. Prof. (Mrs). P. Rethy, Deptt. of Forestry | - | Member |
| 16. Prof. P.P. Dabral, Deptt. of A.E | - | Member |
| 17. Prof. L.K. Arora, Deptt. of Mathematics | - | Member |
| 18. Prof. K.N. Dewangan, HoD, Deptt. of A.E | - | Member |
| 19. Prof. Saibal Chatterjee, Deptt. of E.E | - | Member |
| 20. Prof. B.D. Nayak, Deptt. of HSS | - | Member |
| 21. Prof. C.L. Sharma, Deptt. of Forestry | - | Member |
| 22. Prof. A.S. Rai, Deptt. of Mathematics | - | Member |
| 23. Prof. N. Deb, HoD, Deptt. of Chemistry | - | Member |
| 24. Dr. R.K. Prasad, HoD I/c (CE) | - | Member |
| 25. Prof. P. Lingfa HoD (ME) | - | Member |
| 26. Prof. S. Gao, HoD (EE) | - | Member |
| 27. Dr. A.D. Singh, HoD (ECE) | - | Member |
| 28. Dr. (Mrs.) N. Marchang, HoD (CSE) | - | Member |
| 29. Prof. (Mrs.) M. Sharma, HoD (Forestry) | - | Member |
| 30. Dr. P. Parida, HoD (HSS) & COE | - | Member |
| 31. Prof. S.K. Shrivastava, HoC (CATARD) | - | Member |
| 32. Sri D.K. Shyamal, Associate Prof., Deptt. of A.E | - | Member |
| 33. Dr. R.K. Mehta, Associate Prof., Deptt. of E.E | - | Member |


Registrar
NERIST (Deemed Univ
Nirjuli: Arunachal Pr

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|---|---|----------------------|
| 34. Prof. M. Chandrasekaran, Deptt. of ME | - | Invitee |
| 35. Prof. (Mrs.) K. Shrivastava, Deptt. of FO | - | Invitee |
| 36. Dr. A. Pandey, Ho Di/c, Deptt. of PH | - | Invitee |
| 37. Dr. A. Bandopadhyay, Deptt. of AE | - | Invitee |
| 38. Dr. R.P. Bhattacharjee, Registrar | - | Non-Member Secretary |

The chairman welcomed all the member present in the meeting, specially the new members who have recently promoted and conveyed his congratulations. He requested the Dean (Acad) to present the agenda items.

AC. 22.01: To consider confirmation of the minutes of the 21st AC meeting held on 22.08.2015.

[Note: The minutes of the 21st AC meeting held on 22.08.2015 were circulated to the Hon'ble Members of Academic Council on 01.09.2015. No comment has been received from any members].

The Academic Council may like to confirm the minutes.

RESOLUTION: The Academic Council confirmed the minutes of 21st Academic Council Meeting.

AC. 22.02: To consider Action Taken Report on the minutes of the 21st AC Meeting.

(a) To consider Grant of Permission for pursuing higher studies in North Eastern Regional Institute of Science & Technology as requested by Jharkhand State Open School.

[Note : As per resolution of Agenda Item No. 21.05 of the 21st Academic Council Meeting held on 22.08.2015, a letter was sent to the Chairman, AICTE vide office letter No. Acad/UGC/2010/311 dated 30th September, 2015 which is a concerned Technical Body along with all the documents as sent by the JSOS for clarification whether there is any ban on the pass out students of Class X/XII from the State Open School to sit/compete in the JEE and other Entrance Examination for admission in the Government Technical Institutions].

(a) To consider allowing students of Council of Indian Open School Education (CIOSE) to get admission in NERIST.

[Note: As per resolution of Agenda Item No. 21.06 of the 21st Academic Council Meeting held on 22.08.2015, a letter was sent to the Chairman, AICTE vide office letter No. Acad/UGC/2010/311 dated 30th September, 2015 for clarification whether there is any ban on the pass out students of Class X/XII from the State Open School to sit/compete in the JEE and other Entrance Examination for admission in the Government Technical Institutions].

[Note: In response to above (a) & (b) Prof. A. Rajasekaran, Adviser (PC), AICTE has sent a letter vide letter No. PC/AICTE/Gen. Dist. Edu. Policy/2012/715 dated 26.10.2015 along with an enclosure regarding the AICTE's norms related to duration and eligibility of students for

admission to different programmes/courses of technical education, for the technical/engineering institutions approved by the AICTE. However, Under Secretary, UGC, New Delhi has advised to approach Central Board of Secondary Education in this regard].

The members deliberated on the matter in detail. It was suggested that the Institute should have its own admission criteria following the AICTE Guidelines. However, it was suggested to constitute a Committee to examine the course curriculum of the Open Schools who have requested to accommodate their pass out students of Class 10 and Class 10+2.

RESOLUTION: The Academic Council constituted a Committee with the following members to examine the course curriculum of the Open School and suggest the suitabilities of its pass outs for admission into NERIST programmes:

1. Prof. P.P. Dabral, Dept. of Agricultural Engineering - Chairman
2. Chairman, NEE - Member
3. HoDs (Physics, Chemistry & Mathematics) - Member
4. Assistant Registrar (Acad) - Member Secretary

- (b) To consider for providing concession to Kashmir Migrant student under supernumerary quota vide their letter No. F.1-13/2010CPP-II dated 23.03.2015.

As per resolution of Agenda Item No. 21.07 of the 21st Academic Council Meeting held on 22.08.2015, a letter has been sent to Prof. Dr.Jaspal S. Sandhu, Secretary, UGC vide office letter No. Acad/AICTE/online/2011/361 dated 30.09.2015 containing some clarifications and its reply is awaited. A reminder has also been sent on 22.02.2016.

RESOLUTION: Noted.

- (c) To consider the proposal submitted by Chairman, NEE regarding enhancement of honorarium of the officials who are performing the duties pertaining to NEE

As per resolution on agenda item No.21.13 of the 21st Academic Council Meeting held on 22.08.2015 an order has been issued to Chairman and Members of the Committee vide Office order No. Acad/21st AC/ATR/2015/458 dated 9th September, 2015 to submit its report to the Chairman, Academic Council within thirty days from the issue of the letter. It is to inform that the committee has submitted the Report to the Competent Authority and the matter shall be placed in the forthcoming Finance Committee Meeting.

RESOLUTION: Noted.

- (d) To consider the proposal for modification/revision of the existing SRIC rules.

On the basis of the resolution taken in the 21st Academic Council meeting under Additional Agenda Item No. AC 21.16 (a), a committee was formed under the Chairmanship of Prof. P.R. Alapati to finalize the new SRIC rules and submit its report to the Chairman, A.C. Accordingly, a meeting of the committee was held on 14.01.2016 &

17.02.2016 and framed a new modified draft SRIC rules after incorporating comments so received from the faculty members of NERIST. The report was submitted to Director and as per the directions of the Competent Authority matter is placed to the Academic Council.

The Academic Council may like to deliberate please.

SRIC committee suggested that one person each from Finance Section and Stores & Purchase may be deployed for one hour per day or as per requirement to work in the SRIC Cell for project work only. It was also suggested that the one of the cheque signatories would be the SRIC Coordinator and SRIC Coordinator may be delegated financial powers. It was pointed out that Consultancies have not been considered in the SRIC Rules.

RESOLUTION: It may be examined by the SRIC Committee after obtaining feedback from all the departments. The draft of SRIC Rules may be submitted to the Registrar for scrutiny and subsequently for consideration of the Academic Council.

AC.22.03 : To consider the proposal regarding Feed Back form submitted by the In-charge (Training & Placement).

[Note: Dr. A. Bandyopadhyay, Incharge (Training& Placement) has forwarded a completed Feed Back Form received from the President, M/S DataZen Engineering, USA (now camped at Guwahati), who visited NERIST for placement of NERIST final year CS, EC & ME students. But the students did not satisfy them due to some lapses of Institute's curriculum. The President of M/s DataZen Engineering, in his remark has mentioned the following drawbacks of the students (especially, other than CSE branch) which need immediate correction].

- Object oriented Programming (NET, JAVA, C++, C#)
 - Database skills etc. (Oracle, SQL Server, mySQL, SWLite)
 - CNC programming with focus on "Advanced Manufacturing"
 - Equipment(s) monitoring
 - + energy consumption
 - + Software, PLC, Sensors
 - + Ladder Logic
 - + Standards (Open source)

- Partner with companies to do joint projects

Now the following points are put up to the Academic Council for discussion and necessary action:

1. Inclusion in the course curriculum of our UG students (Especially ECE/EE/ME and CSE)
2. The Object oriented Programming is taught to all branches in third year, which should be brought to 5th Year, or, another OOP course to be included for all branches (AE/CE/ME/EE/ECE) in 5th year.
3. Provision for joint projects with companies and/or full-time internship in the last semester

Academic Council may deliberate and decide please.

Dr. A. Bandyopadhyay was invited and he clarified the matter in detail. The matter was deliberated at length. It was suggested to send the proposal by the T&P Cell to the respective departments for their views.

RESOLUTION: The proposal may be sent to the respective departments by the T&P Cell by the 1st March, 2016 to get the views of the respective departments. The respective departments may incorporate the suggestions of the T&P Cell and submit their revised syllabus through their BoS.

AC.22.04 : To consider the modification of Degree equivalency certificate suggested by Dr. Arnab Bandyopadhyay, In-charge, Training & Placement Cell

[Note: Dr. Arnab Bandyopadhyay, In-charge Training & Placement Cell has mentioned that, "Recently GREF being a central government organization doubted whether our 2 years Diploma is at par with 3 years diploma of other institutes. So a certificate was issued for the concerned student (who cleared their recruitment program) from A.R (Acad)'s office stating that: As our students of 2 years diploma have the minimum eligibility criteria of a 2 years ITI (Certificate course) post class X (NEE I verticals) or need to pass class XII (NEE-II Laterals) so our Diploma students complete minimum of 4 years (2+2) after class X, unlike Diploma students of other institutes who complete 3 years after class X. Thus our students are at par with other institute Diploma students, if not better."]

In-charge T&P Cell requested to avoid confusion by the recruiters. The certificate issued by the Academic Section of the Institute is placed at Annexure. The copy of the clarification, as sought by the MHRD is also placed at Annexure.

Academic Council may deliberate and decide please.

The Director informed that a meeting of the 4 CFTIs was held in SLIET on February 18-19, 2016. This matter was taken up in the meeting and a draft proposal containing course curriculum of two year certificate programmes will be submitted to HRD Ministry for approval of a suitable competent body. In addition, a proposal for Integration of Certificate and Diploma (ICD) Programmes may be submitted to the Academic Council and BoM for approval.

RESOLUTION: Academic Council endorsed the proposal.

AC.22.05: To consider the enrolment of the Ph.D. students in Part-time or Full-time those who are working in the project.

[Note: Prof. K.N. Dewangan, HoD(A.E) mentioned that in the Institute Academic Bye-Laws under 3.7.9 have provision for change of status from full time to Part time/from Part time to Full time. However, there is no specific provision who should be considered as part time. Furthermore there are some students who are doing Ph.D. and are working in the project as JRF/SRF/JPO. HoD (AE) requested the Academic Council to consider the status of the students who are working in the project and enrolled in the Ph.D. programme. As per Clause 3.2.4 of Academic Bye-Laws (Master & Ph.D. programme), the candidates who are

professionally employed in Recognized R&D Organization, Academic Institutions, Govt. Organizations or industrial organizations will be considered for Part time registration].

Academic Council may deliberate and decide please.

The HoD (AE) clarified the matter in brief. It was pointed out that a comprehensive proposal may be submitted along with references of other Institutions/Universities to amend the Rules of the Academy Bye-Laws (Master & Ph.D. programmes).

RESOLUTION: Comprehensive proposal may be submitted by the concerned HoDs to consider the amendment in the Academic Bye-Laws (Master & Ph.D. programmes).

AC.22.06: To consider the following points submitted by HoD Physics

[Note: The HoD (Physics) has given a note regarding the following points for kind consideration of the competent authority]. :

- a. Status of Institute Fellowship for science Ph.D candidates
- b. Conduct of regular classes for Ph.D Work papers.
- c. Implementation of UGC Regulations with respect to Ph.D. Supervisor
- d. Recruitment of Adjunct Faculty.

Academic Council may like to deliberate and decide please.

1. Institute sent letters to the MHRD on the matter. It was informed that the matter has also been taken up in the last meeting of the BoM and on the advice of BoM, a reminder has been sent to the MHRD. Reply is still awaited from the MHRD.
2. The respective department may decide what is best for them.
3. It was agreed to incorporate the proposal in the Ph.D. regulations.
4. Provision for adjunct/visiting faculty may be adopted with the approval of BoM.

RESOLUTION:

- (i) The Institute will continue pursuing the proposal for providing Ph.D. scholarship for non-NET/GATE students in line with the Central Universities.
- (ii) The UGC regulations with respect to Ph.D. Supervisors will be incorporated in the Ph.D. regulations.
- (iii) The Departments will take steps suitably regarding conduct of regular classes for the Ph.D. students
- (iv) The proposal for creating provisions for adjunct/visiting faculty at NERIST.

AC.22.07: To consider the minutes of the 29th Board of Post Graduate Studies (BPGS) meeting held on 02.02.2016.

[Note: The 29th meeting of the Board of post Graduate Studies (BPGS) was held on 02.02.2016 and the minutes of the meeting is placed at Annexure for consideration].

Academic Council may like to approve please.

RESOLUTION: All the HoDs were suggested to submit their Feedback on Ph.D. for the amendment of Academic Bye-Laws (Master & Ph.D. programme) to Dean (Academic) by 30.03.16. The Dean (Academic) may convene a meeting of the HoDs suitably and finalize the amendment by 15.04.2016. With this the Academic Council approved the minutes of 29th BPGS.

AC.22.08: To consider the proposal of Coordinator (TEQIP) on the dropout of students Intake of the Institute

[Note: Dr. Saibal Chatterjee, Professor mentioned that while date was updated in the online MIS of TEQIP, it was found that the transition rate of first year Diploma and Base Module students are decreasing for the last few years. Transition Rate is the number of students successfully completing the first year without any Backlog/M-Grade/Supplementary.

Dr. Chatterjee requests the members to discuss and suggest measures to arrest the decline as it hampers the academic strength of NERIST].

Academic Council may deliberate and decide please.

Prof. S. Chatterjee clarified the matter and the members deliberated at length. After deliberation, the following was resolved.

RESOLUTION:

1. Attendance to be taken on regular basis and at the end of the month the attendance sheets to be sent to Dean (Acad).
2. Base Module exam should be scheduled on alternative days.
3. Constant Counselling of the academically weak students - The HoDs may submit their proposal for consideration of the Academic Council.

AC.22.09: To consider Visvesvaraya Ph.D. Scheme at NERIST

[Note: Prof. Md. Anwar Hussain, Department of Electronics & Communication Engineering has mentioned that, the Department of Electronics and Information Technology, Government of India has launched a scheme to enhance the number of Ph.D.s in the Electronic Design and Manufacturing (ESDM) and IT/IT enabled Services (ITES) sector. This scheme has been sanctioned and approved by the Department of Electronics and Information Technology, Govt. of India.

In the scheme, Ph.D. project proposal is invited for Full-Time and Part-Time Ph.D. by the DeitY from the NITs/IITs/Central Universities/Other National Institutions of importance and after presentation by the Nodal Officer of the Institute/University proposals of merit are sanctioned and approved for grants. In October, 2015 DeitY approved 5 Full-Time and 1 Part Time Ph.D. project proposals to the Department of ECE of North Eastern Regional Institute of Science & Technology for the session 2015-16.

As the sanction and approval of the proposals may not match with the admission session of NERIST, admission of Ph.D. scholars for the Visvesvaraya Scheme is to be done as and when the approval is received by the concerned department in NERIST. Admission criteria and other guidelines may be same as guidelines for normal session admission in Ph.D. programme of NERIST. The details features, duration & others are at Annexure].

Academic Council may deliberate and decide please.

Prof. Md. A. Hussain clarified the matter.

RESOLUTION: Academic Council approved in principle that the Ph.D. scholars may be admitted any time during the semester after receipt of approval of Visvesvaraya Scheme. However, information from other Institutions/Universities may be obtained by the Academic Section on this matter for a final decision in future.

AC.22.10: To consider the revised Undergraduate Syllabus, Department of CSE.

[Note: A meeting of BoS, Department of CSE was held on 12.02.2016 and approved the Diploma & Degree syllabi. The HoD (CSE) has submitted revised undergraduate syllabus for its approval from Academic Council. The syllabi are at Annexure].

Academic Council may deliberate and decide please.

RESOLUTION: The Academic Council suggested incorporating the modifications as required by the Training & Placement Cell and submitting it in the next meeting of Academic Council. All the Departments were requested to submit their syllabi as soon as possible so that the action may be initiated for printing of the syllabi by the Academic Section for introduction from the July, 2016 onwards.

AC. 22.11: Approval for awarding Degrees & Gold medals to the pass out students for the year 2015

[Note: The details of the list and summary of the pass out students are enclosed at Annexure.

Further, it is to inform that, a meeting of Gold Medal finalization committee for 5th Convocation was held on 11th Feb. 2016. The committee members after discussions finalized the list of eligible students, to whom the awards of Gold medals are to be given for the year 2015. Details are at Annexure].

The Academic Council may approve please.

RESOLUTION: The Academic Council approved the examination results for 2014-15 along with the list of gold medal awardees.

Agenda Item No.22.12: REPORTING ITEMS

- (a) **To report appeal letter dated 30.09.2015 of Mr. Tarkin Tayem and action taken by Institute Authority.**

[NOTE: An appeal dated 30.09.2015 was made by Mr. Tarkin Tayem to the Institute authority against his termination from the Institute, but the competent Authority did not accept his appeal vide letter No. CON-1/2015/Part, dated 05.10.2015].

The Academic Council may like to ratify please.

RESOLUTION: Ratified.

- (b) **To consider of the minutes of the Board of Studies (BoS) meeting held on 27.11.2015, Department of Physics.**

[NOTE: (i) The proposal of HoD (Physics) regarding course content was put up in the 21st AC meeting held on 22.08.2015. The AC advised to get it approved in BoS first and then place it in the next Academic Committee. Accordingly a meeting of BoS was held on 27.11.2015 in the department to consider syllabi of the new papers for Ph.D. work and revise the syllabi of some of the existing courses at all levels. Out of the 16 Courses mentioned in the note, the courses at Sl. No. 8 to 13 was approved by the Director & Chairman Academic Council.

(ii) Rest of the courses were approved in principle by the BPGS in its meeting held on 02.02.2016 subject to proper unitization with a limit to 5 units per course, as far as possible].

The Academic Council may like to ratify (i). Academic Council may consider for approval of the remaining courses.

RESOLUTION: Ratified.

- (c) **To consider the three new elective courses for M. Tech. CIMA, Department of Mechanical Engineering.**

[NOTE: (i) The proposal of HoD (ME) regarding course content for M.Tech. (CIMA) was put up in the 21st AC meeting held on 22.08.2015. The AC advised to get it approved in BoS first and then place it in the next AC. Committee. Accordingly a meeting of BoS was held in the department to consider the syllabi.

Finally the suggested/modified syllabi of the three proposed electives was put to Director as it was required for registration of three Ph.D. scholars in the current semester and accordingly Director as Chairman of the Academic Council approved the syllabi.

Academic Council may like to ratify.

RESOLUTION: Ratified.

ANY OTHER ITEM(s):

- a) To consider ratification of the Academic Calendar 2016.

RESOLUTION: The Academic Council ratified.

- b) To consider the proposal of nomination of Mr. Talo Potom, CEO- cum -ADM, Govt of Arunachal Pradesh as Acting President of NERIST Alumni Association of the Institute for the year 2016.

RESOLUTION: Academic Council approved the proposal.

- c) To report on the expected visit of Experts from National Board of Accreditation (NBA) to this Institute for providing training to the faculty and employees after 5th Convocation of the Institute


RESOLUTION: Noted.

- d) To report on the meeting of the 4 CFTIs (NERIST, Nirjuli; SLIET, Longowal; CIT, Kokrajhar and GKCIT, Malda) held on February 18-19, 2016 at SLIET, Longowal, Punjab.

The minutes of the meeting was circulated to all the members in the meeting.

RESOLUTION: Noted.

The meeting ended with vote of thanks to the Chair.


Registrar
NERIST (Deemed University)
Nirjuli: Arunachal Pradesh