

OFFICE OF THE REGISTRAR
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR
AN INSTITUTE OF NATIONAL IMPORTANCE
(FORMERLY BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR)

No.:RMS/6296/17

Date: 03.11.2017

NOTICE

The 3rd meeting of the committee constituted for submission of application for 'Institute of Eminence' was held on 2nd November, 2017 at 12 noon in the conference room of the Director. The meeting was chaired by the Director. The following decisions have been taken in the meeting:

1. A core team comprising Prof. Goutam Bandyopadhyay, Prof. Indranatha Sinha, Dr Debjani Ganguly, Prof. Manas Sanyal and Dr Biman Bandyopadhyay, Registrar will oversee the process and extended help in compilation of the document to be submitted. The committee will be at liberty to co-opt such other members as it may feel necessary or expedient. Prof Goutam Bandyopadhyay will be the Nodal person to monitor the entire gamut of activities to be undertaken for timely submission of the 'application for Institute of Eminence' to UGC through MHRD.
2. The committee constituted for preparation of the 'Vision for Institution of Eminence' will submit their report to the Director by 6th November, 2017. The report will, hopefully, furnish all necessary information in the prescribed format as stipulated in Sl. No. III a, b, c and d of Part-1 (III) of the prescribed proforma.
3. The committee constituted for preparation of the 'Proposed Fifteen Year Strategic Plan' will submit their report to the Director by 20th November, 2017 as per the requirement given in Sl. No. IV ('a' to 'q') of the Part-1 of the proforma prescribed by UGC. The next meeting of this Committee will be held on 13.11.2017. However, since this part is the most vital part of the whole report to be submitted, following designated faculty members will submit their reports on each of the subcomponents of Sl. No. IV (i.e. 'a' to 'q') to Prof. Subhasis Banerjee, the Convener of this Committee, so that the committee will be able to submit their report more comprehensively by 20th November, 2017:
 1. Prof. Ajoy Krumar Ray, Director – regarding subcomponent 'a' of part IV of the Part -1
 2. Prof. Bichitra Kr. Guha and Prof. Anjan Ghosh - regarding subcomponents 'b' & 'c' of part IV of the Part-1
 3. Prof. Amitava Basumallick - regarding subcomponents 'd' and 'e' of part IV of the Part-1
 4. Prof. Hiranmoy Saha - regarding subcomponent 'f' of part IV of the Part-1
 5. Prof. Santunu Kr. Karmakar and Prof. Pratik Dutta - regarding subcomponents 'g' and 'm' of part IV of the Part-1
 6. Prof. Nilratan Bandyopadhyay - regarding subcomponent 'h' of part IV of the Part-1
 7. Prof. Aditya Bandyopadhyay, Dr. Biman Bandyopadhyay, Prof. Manas Sanyal, Prof. Souvonic Roy, Prof. Sudip Kr. Roy and Prof. Subrata Paul - regarding subcomponent 'i' of part IV of the Part-1
 8. Prof. Indranatha Sinha Prof. Anjan Ghosh and Prof. Anirban Gupta - regarding subcomponent 'j' of part IV of the Part-1
 9. Prof. Indranatha Sinha and Prof. Anjan Ghosh - regarding subcomponents 'k', 'l', 'n' and 'q' of part IV of the Part-1
 10. Prof. Hafizur Rahaman - regarding subcomponent 'o' of part IV of the Part-1
 11. Prof. Rupen Basumallick and Prof. P.S. Roy - regarding subcomponent 'p' of part IV of the Part-1
4. The committee constituted for preparation of 'Land Details' will submit their report to the Director by 6th November, 2017 as per the requirement given in Sl. No. IV of Part-1 of the proforma.
5. The committee constituted for preparation of 'Financial Plan' will submit their report to the Director by 13th November, 2017 as per the requirement given in Sl. No. VII of Part-1 of the proforma
6. Details of 'Books and Journals' will be submitted by the Librarian (Acting) and Prof-in-charge Library to the Dean Academic Affairs by 6th November, 2017 as per requirement given Sl. No. III in Part-3 of the proforma
7. Details of 'Equipment' (as required in Sl. No. III of Part-3 of the prescribed proforma) will be provided by the concerned heads of the Departments/Schools/Centres and Workshop Superintendent to the Dean Academic Affairs by 6th November, 2017.



8. Details of 'Academic Activities' as required in Sl. No. IV of Part 3 of the prescribed proforma will be submitted by Dean (Academic Affairs), Dean (Faculty Affairs), Dean (R&D) and HOD (HRM) to the Director by 6th November, 2017.
9. Setting mega trends and principal themes are considered *sin-qua-non* for planning of academic institute of IEST's stature. Following six broad areas towards which the institute would align have been identified by the Director after discussion with the faculties at various levels.
- Energy
 - Health Sciences and Technology
 - Environment and water
 - Advanced Materials
 - Sustainable living, and
 - Informatics

These will be the guiding factors for the seventeen interdisciplinary research areas which have already been identified in the 2nd meeting of the committee and other areas identified/ to-be-identified by the faculty members of different departments/centres/schools. Some of the new areas proposed by the faculties are: i) advanced spectroscopy by Prof. Shyamal Chattopadhyay, ii) Advanced laboratory for analysis of Small system by Prof. Syed Minahaz, iii) Bioinspired Manufacturing of Materials and environment' submitted by Head School of Material Science and Engineering iv) Centre for advance catalysis by the Department of Chemistry, v) laboratory on Structural-property Correlation at microstructure length scale of thin semiconductors for device application' by CEGESS and School of Material Sciences & Engg. vi) Super Sonic Wind Tunnel Facility for Institute of Eminence by HOD, AE &AM etc.

All proposals will be presented by the concerned faculty members before a committee to be chaired by the Director at Alumni Seminar Room on 13th November 2017 at 2.30 pm

10. All Departments/ Centres/ Schools will submit a 5-10-15 years roadmap following the outline of the template issued in this regard vide office RMS/6283 dated 07.11.17 as per the annexure attached with the order..
11. All relevant orders and documents related to "Institute of Eminence" will be circulated again to all the stakeholders in this matter.
12. An intra website will be created by Prof. Arindam Biswas to communicate all information and document to all the institute members.

This is issued with the approval of the Director.

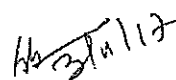
Sd/-
(Biman Bandyopadhyay)
Registrar

Enclosures:

1. Committee constituted for submission of application for 'Institute of Eminence' (vide notification no. RMS/6225/17 dated 10.10.2017)
2. Advertisement of the UGC inviting proposals for Institute of Eminence' and proforma of the proposal
3. UGC (Declaration of Government Educational institutions as Institutions of Eminence) Guidelines 2017
4. Office order on the resolution of the 1st meeting of the committee (vide no. RMS/6234/17 dated 12.10.2017)
5. Office order on the resolution of the 2nd meeting of the committee (vide no. RMS/6269/17 dated 25.10.2017)
6. Office order regarding Submission of 5-10-15 years roadmap for the department/schools/centres vide no. RMS/6283 dated 31.12,2017 and the template as annexure 1.

Copy forwarded for information and necessary action to:

- (1) Director
- (2) All Deans /Heads of the Departments / Centres / Schools/Officers
- (3) All faculty members –through the concerned Heads of the Departments / Centres / Schools
- (4) Institute Website


Registrar



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(FORMERLY BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR)

No: RMS/6225/17

Date : 10.10.2017

NOTICE

This is for information of all concerned that Mr. Sanjeev Kumar Sharma, Director (NIT), requested to our Director to submit proposal for establishing an Institution of Eminence at IEST, Shibpur. Accordingly, Director has constituted a committee comprising of the following members to discuss the issues to consider the request from MHRD and fill up the proforma for submission of the proposal for Institution of Eminence:

- (1) Prof. Shyamal Kumar Chattopadhyay, Professor Dept of Chemistry and Member of BOG
- (2) Prof. Subrata Chakraborty, Professor, Dept. of Civil Engg. and Member of BOG
- (3) All Deans and Associated Deans
- (4) All Heads of the Departments / Centres / Schools
- (5) Registrar
- (6) Finance Officer (Actg.)
- (7) Controller of Examinations
- (8) Dy. Registrar (Audit)
- (9) Co-ordinator, TEQIP-II & TEQIP-III

In this context it may be noted that UGC has finalised the regulatory architecture for establishing 20 Institutions of Eminence to achieve world class status from amongst the Government/Private institutions and new institutions from the private sector (Copy of the said notification is enclosed as ready reference). The details of eligibility conditions, selection process, autonomy to be provided, monitoring, review, etc. Have been provided in these Regulations and Guidelines which are available in UGC Website <http://www.ugc.ac.in/>.

The first meeting of the said committee will be held on Wednesday, 11th of October, 2017 at 3.00 p.m. in the Conference Room of the Director to discuss the issue.

Sd/-
(Biman Bandyopadhyay)
Registrar

Encl.: As stated

Copy forwarded for information and necessary action to:-

1. Director
2. Prof. Shyamal Kumar Chattopadhyay, Professor Dept of Chemistry and Member of BOG
3. Prof. Subrata Chakraborty, Professor, Dept. of Civil Engg. and Member of BOG
4. All Deans and Associated Deans
5. All Heads of the Departments / Centres / Schools
6. Registrar
7. Finance Officer (Actg.)
8. Controller of Examinations
9. Dy. Registrar (Audit)
10. Co-ordinator, TEQIP-II & TEQIP-III
11. Meeting Section, Office of the Registrar

Registrar

published
on 12.09.17

University Grants Commission

Bahadurshah Zafar Marg,
New Delhi - 110 002

Inviting proposals for Institutions of Eminence

The Government is committed to improvement of quality of higher educational institutions. In this regard, the Government intends to establish twenty 'Institutions of Eminence' to achieve world class status, from amongst the existing Government/private institutions and new institutions from the private sector.

To achieve this goal, University Grants Commission (UGC) has finalized the enabling Regulatory architecture through UGC (Institutions of Eminence Deemed to be Universities) Regulations, 2017 for private institutions and UGC (Declaration of Government Educational Institutions as Institutions of Eminence) Guidelines, 2017 for public Institutions which provides for greater Academic, Financial, Administrative and other regulatory autonomy to these institutions. The details of eligibility conditions, selection process, autonomy to be provided, monitoring, review, etc have been provided in these Regulations and Guidelines which are available on UGC Website <http://www.ugc.ac.in/>

Accordingly, applications are invited from the eligible and interested applicants to become Institutions of Eminence (IOEs) under the following categories:-

- (i) Existing Government educational institutions.
- (ii) Existing private higher educational institutions to upgrade themselves to Institutions of Eminence.
- (iii) Sponsoring organizations for setting up of new Institutions of Eminence.

The Government Educational Institutions selected as public institutions of eminence under (i) above will be given financial incentives as provided in the guidelines. The selected applicants from category (ii) and (iii) above will be declared as 'Institutions of Eminence Deemed to be Universities' as provided in the regulations.

The completed application in the prescribed format (soft as well as three hard copies) along with processing fee shall be submitted to Secretary, Department of Higher Education, Ministry of Human Resource Development, Government of India, Shastri Bhawan, and New Delhi-110001 within ninety days of publication of the advertisement.

Secretary, UGC

Proforma for submission of the proposal for as 'Institution of Eminence'

(For Public Institutions)

PART-1

I. Particulars of the Institution:

S No	Information / details
a.	<p>Details of the University / Institution:</p> <ul style="list-style-type: none">i. Name:ii. Address:iii. Location (Metropolitan / Non-metropolitan / Non-urban area):iv. Type of Institution:<ul style="list-style-type: none">a) Central Universityb) Government owned and controlled Deemed to be Universityc) Institution of National Importanced) State Universitye) Stand alone Institution (Details of orders of the Government under which it has been established)v. Contact details of the Vice Chancellor, Registrar and Nodal person identified for this purpose.(Name, designation, landline, mobile, fax, email):

II. Fulfilment of Eligibility Criteria:

a.	<p>I. NIRF Ranking (University)</p> <ul style="list-style-type: none">i. NIRF Ranking for the year 2016:ii. NIRF Ranking for the year 2017: <p>II. NIRF Ranking in other category: (Specify category)</p> <ul style="list-style-type: none">i. NIRF Ranking for the year 2016: _____ (Category: _____)ii. NIRF Ranking for the year 2017: _____ (category: _____) <p>II. Latest International Ranking obtained by the institution (If any):</p> <p>Times Higher Education World Ranking: QS world university Ranking: Shanghai's Jiao Tong University Ranking: (Details (if any) of Previous World Ranking may also be provided.</p>
b.	<p>Based on above information and Guideline 6.3.3. and 6.3.4, does the institution fulfil the eligibility criteria for Institution of Eminence: <u>Yes / No</u></p>

III. Vision for Institution of Eminence:

S. No.	Information to be provided
a.	Fifteen year Vision Plan including Mission Statement, Values, Institutional Goals & Vision to meet the objectives and Characteristics of an Institution of Eminence with quantified milestones and timelines to achieve world class repute as expected in the Regulations.
b.	How far is the Institution/ University from becoming an Institution of Eminence, including the present status of the institution, the status which seek to achieve to become as world class and gap in each parameter as given in Regulation 4.2 & 4.3.
c.	Plan for becoming an Institution of Eminence. The plan should give the status of the Institution at the present stage on all relevant parameters, the status to which they seek to reach after ten years and fifteen years on each of the parameters, and how they target to reach the same on each of the parameters.
d.	SWOT analysis of the institution focusing on its present status in the quality hierarchy and the proposed measures to address the shortcomings?

IV. Proposed fifteen year strategic Plan (for each five years):

a.	An academic plan showing the courses proposed and a research plan focussing on current thrust / niche area(s) of expertise and proposed plan in pursuit of excellence in those areas.
b.	A faculty recruitment policy and plan to meet the academic plan requirements and to achieve 1:10 faculty-students ratio.
c.	Proposal, if any, to recruit faculty from industry, Government, Non-profit Organizations, etc. Including foreign faculty.
d.	Student admissions policy mentioning plan to select Indian and foreign students.
e.	Plan to provide scholarship to meritorious Indian and foreign students.
f.	A comprehensive plan to develop research laboratories with demonstrable progress towards it.
g.	Plan for Teaching and Research Collaborations with Global Universities figuring in the most reputed global rankings.
h.	Networking plan outlining the teaching and research collaborations and partnerships
i.	Infrastructure development plan. (Existing and Proposed infrastructure with financial repercussion and time line for development)

j.	Administrative plan for getting accreditation from National and International Agencies as well as marketing and promotion.
k.	Governance plan elaborating the proposed Institutional structure and how it overlaps with ownership, decision-making process and social engagement.
l.	Clarify as to how Governance plan will be committed to the highest global standards of transparency, accountability and efficiency.
m.	Plan for involving the alumni in the management of the Institution and leveraging alumni financial resources.
n.	Intended target on possible world ranking after five, eight, ten, thirteen and fifteen years.
o.	A research plan indicting the research laboratories and other facilities proposed to be established. In case of humanities, social sciences and other interdisciplinary faculties, the research plan should indicate the broad areas and nature of field work and research sought to be done
p.	Sustainability plan for the period when the additional public funding ceases.
q.	Plan for affiliating any other HEI, if act permits (please refer guidelines 6.4.3(e)(i))

V. Land details

a.	Land owned/on lease and details thereof: (in acres)
b.	Land Available at Main Campus:
c.	Land available at Off campuses/constituent institutions:
d.	Area of land proposed to be acquired or to be taken on lease if any:
e.	Total:

VI. Proposed five years implementation plan (for each five year)

a.	Mention the detailed and tangible action plan, milestones, and timelines by which it seeks to achieve each of the parameters laid down in Guideline 4.1 & 4.2, mentioning milestones to be achieved in first five years and over 15 years.
b.	Timeline to achieve the expectations for each of the parameters as proposed in the fifteen year strategic plan.

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VII. Financial plan

A. Existing Resources and Expenditure:

a.	<p>i. Existing Revenue Sources (average of last five years) (In Crore):</p> <p>*Funds Received from Central Govt:</p> <p>*Funds Received from State Govt:</p> <p>Fees collected from students (Indian):</p> <p>Fees collected from foreign students (if any):</p> <p>Interest from corpus fund, if any:</p> <p>Earnings from consultancy:</p> <p>Resource Mobilization by the university</p> <p>International Funding</p> <p>Project based funding National and International</p> <p>Industry funding</p> <p>Donations</p> <p>Support from alumni:</p> <p>Other earnings from training, workshops, etc:</p> <p>Other (please specify):</p> <p>Total: _____ crore.</p> <p>*(Please specify names of Ministries of Central Govt or the State Govt or UGC or any other Agencies of the Govt from where the funds are being received)</p> <p>(Details to be provided at Annexure 1 (page.....to))</p>
b.	<p>i. Existing Expenditure (separately for academic, administrative and research activities)(average of last five years) (In Crore):-</p> <p>Revenue:</p> <p>Capital:</p> <p>Total:</p> <p>(Year wise details to be provided at Annexure 2 (page.....to))</p>
c.	<p>Corpus Fund of last five years (year-wise) if any (In Crore):</p>

B. Expected Expenditure:

a.	Annual planned Expenditure (In Crore) in first five years separately for administrative, academics and research: Revenue: _____ (Cr) Capital: _____ (Cr) Total: _____ (Cr) (Year wise and item wise details to be provided at Annexure 3 (page.....to))
b.	Average yearly planned Expenditure (beyond five years) separately for administrative, academics and research (In Crore):- Revenue: _____ (Cr) Capital: _____ (Cr) Total: _____ (Cr) (Details of calculation to be provided at Annexure 4 (page.....to))
c.	Proposed Corpus Fund if any (In Crore): 2021-22 - 2026-27 -

C. Expected Resources:

a.	Expected Sources (for first five years) (In Crore): Expected Funds to be received from Central Govt: Expected Funds to be received from State Govt: Fees to be collected from domestic students: Fees to be collected from foreign students : Interest from corpus fund, if any: Earnings from consultancy: Support from Alumni: Project based funding: International funding: Donations: Other earnings from training, workshops, etc: Other please specify: Total: _____ crore. (Details of year wise calculation to be provided at Annexure 5 (page.....to))
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b.	<p>Expected yearly Financial Resources (beyond five years when funding ceases to exist under the scheme) (In Crore):-</p> <p>Expected Funds to be received from Central Govt:</p> <p>Expected Funds to be received from State Govt:</p> <p>Fees to be collected from domestic students:</p> <p>Fees to be collected from foreign students :</p> <p>Interest from corpus fund, if any:</p> <p>Earnings from consultancy:</p> <p>Support from Alumni:</p> <p>Other earnings from training, workshops, etc:</p> <p>Other please specify:</p> <p>Total: _____ crore.</p> <p>(Details of calculations to be provided at Annexure 6 (page.....to))</p>
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PART-2

I. Processing Fee (Rs. One Crore):

S.No.	Particular
a.	<p>The processing fee to be sent through RTGS/NEFT to the following accounts:-</p> <p>Name of the Bank - Canara Bank (UGC-General) Branch - UGC, New Delhi Account No. - 8627101002122 IFSC Code - CNRB0008627 MICR No. - 110015170</p> <p>The Institute to sent the following details about the processing fee sent:-</p> <p>Name of the Institution - Address - Name of the Bank - Branch - Branch Code - Account No. - IFSC Code - Amount - UTR No. -</p> <p>In case of DD - In favour of The Secretary, UGC as per the Guidelines with the relevant details.</p>

PART-3

I. Basic information of the Institution / University:

S No	Information to be provided		
a.	Name of the Institution: Address of the Institution / University:		
b.	Location of the applicant Institution / University (Please mark <input checked="" type="checkbox"/>): i. Metropolitan area ii. Non-metropolitan area iii. Non-urban area		
c.	Name, Contact No., Email, Address, etc. of Director / Vice-Chancellor and Registrar of the applicant Institution / University: <table border="1" data-bbox="236 819 1329 1373"> <tr> <td data-bbox="236 819 767 1373"> Designation: _____ Name: _____ Address: _____ _____ _____ Email: _____ Mobile: _____ Phone: _____ Fax: _____ </td> <td data-bbox="767 819 1329 1373"> Designation: _____ Name: _____ Address: _____ _____ _____ Email: _____ Mobile: _____ Phone: _____ Fax: _____ </td> </tr> </table>	Designation: _____ Name: _____ Address: _____ _____ _____ Email: _____ Mobile: _____ Phone: _____ Fax: _____	Designation: _____ Name: _____ Address: _____ _____ _____ Email: _____ Mobile: _____ Phone: _____ Fax: _____
Designation: _____ Name: _____ Address: _____ _____ _____ Email: _____ Mobile: _____ Phone: _____ Fax: _____	Designation: _____ Name: _____ Address: _____ _____ _____ Email: _____ Mobile: _____ Phone: _____ Fax: _____		
d.	Act / Notification / MoA under which existing Institution / University established: (Please enclose copy of the Act / Notification / MoA as Annexure: 7 (Pages ___ to ___))		
e.	Year of Establishment: _____		
f.	No. of Off campuses: No. of Off shore campuses: No. of Constituent Unit: No. of Constituent Institutions: No. of Affiliated Colleges: (Names and Address of above institutions & Approval of the Government to be provided		

b. No. of courses offered at UG Level:
 No of Courses offered at PG Level:
 (Names of courses to be provided at Annexure : 14 (Pages ___ to ___))

c. No. of courses offered in Distance education:
 UG Level:
 PG level:
 (Names of courses to be provided at Annexure: 15 (Pages ___ to ___) along with details of study centres, if any)

d. Details of Students enrolled during the last three years:

Number of admitted students	CAYm2	CAYm1	CAY
UG courses			
PG courses			
Ph.D			
Other courses			
Total			

CAY – Current Academic Year, CAYm1 is current academic year minus 1 year, CAYm2 is current academic year minus 2 year

(The course wise details separately for main campus and off-campus / affiliating colleges to be provided as per Annexure: 16 (Pages ___ to ___))

e. Details of foreign Students enrolled during the last three years:

Number of admitted students	CAYm2	CAYm1	CAY
UG courses			
PG courses			
Ph.D.			
Other courses			
Total			

CAY – Current Academic Year, CAYm1 is current academic year minus 1 year, CAYm2 is current academic year minus 2 year

Handwritten note: whole of items

Handwritten note: whole of items

	in Annexure: 8 (Pages ___ to ___))
g.	<p>Complete Accreditation status of the Institutions / Universities, if any, by National Assessment & Accreditation Council (NAAC) / National Board of Accreditation (NBA)/International Accreditations, if any:</p> <p>NAAC Accreditation Grade:- Validity Period:- (for all cycles)</p> <p>NBA</p> <hr/> <p>(Documentary evidence to be provided in Annexure: 9 (Pages ___ to ___))</p>
h.	Whether the applicant Institution / University is multi-disciplinary, inter disciplinary or single disciplinary? Names of disciplines may be specified with justification at Annexure: 10 (Pages ___ to ___))

II. Administrative Structure:

a.	<p>Details of Organisation and its structure:</p> <p>(The details of composition of BoM / Governing Council or any other Committee may be provided at Annexure 11 (Pages ___ to ___))</p>
b.	<p>Governance structure:</p> <p>i. Composition of Apex Governing Body of Institutions of Eminence:-</p> <p>ii. Governance Structure of proposed Institution of Eminence:-</p> <p>iii. Governance Structure of Sponsoring Organization:-</p> <p>(Details of credentials of members, etc. to be provided at Annexure 12 (Pages ___ to ___))</p>

III. Existing academic details:

a.	<p>No of Department at UG level:</p> <p>No of Department at PG Level:</p> <p>No of Centres / Schools:</p> <p>(Names of Departments / Centre / school to be provided at Annexure: 13 (Pages ___ to ___))</p>
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	(The course wise details separately for main campus and off-campus / affiliating colleges to be provided as per Annexure: 17 (Pages__ to __))
f.	<p>Number of the existing faculty as against sanctioned positions (regular):</p> <p>Main Campus:</p> <p>Off-Campus:</p> <p>Constituent Institutions:</p> <p>Constituent Units:</p> <p>(Department / Centre / School-wise details of the existing faculties (regular, ad-hoc, part-time, guest, visiting, contractual faculty, etc) to be provided at Annexure: 18 (Pages__ to __))</p> <p>Note: i. Please indicate if there is a ban on faculty recruitment and the last time faculty recruitment was undertaken?</p> <p>ii. One faculty to be placed in one category only.</p>
g.	<p>Number of the existing foreign faculty:</p> <p>Main Campus:</p> <p>Off-Campus:-</p> <p>Constituent Institutions:-</p> <p>Constituent Units:-</p> <p>(Department / Centre / School-wise details of the foreign faculties (regular, ad-hoc, part-time, guest, visiting, contractual faculty, etc) to be provided at Annexure: 19 (Pages__ to __))</p> <p>(Note: One faculty to be placed in one category only)</p>
h.	Department-wise details of the faculties like names, designations, qualifications, Pay Scale and experience to be provided at Annexure: 20 (Pages__ to __)
i.	<p>Existing faculty-students ratio: _____.</p> <p>(The faculty means regular faculty, adjunct faculty, and long term faculty (for at least three years). Part time faculty shall not be counted for the purpose)</p>
j.	<p>Existing students admission policy for domestic students:</p> <p>(Details at Annexure: 21 (Pages__ to __))</p>
k.	<p>Existing students admission policy for foreign students, if any:</p> <p>(Details at Annexure: 23 (Pages__ to __))</p>
l.	Existing faculty recruitment policy:

	(Details at Annexure: 24 (Pages ___ to ___))
m.	Existing reservations policy for students & faculty: (Details at Annexure: 25 (Pages ___ to ___))
n.	Existing policy on providing scholarship to meritorious / needy students: (Details at Annexure: 26 (Pages ___ to ___))

III. Books & Journals and Equipment:

a.	Institution-wise and discipline/faculty-wise No. of Books and Journals (List of Books and Journals to be provided at Annexure 27 (Pages ___ to ___))
b.	Institution-wise and department-wise list of equipment (more than Rs. 25 lakh) (Details at Annexure 28 (Pages ___ to ___))
c.	Details of the modern information resources (Broadband connectivity, internet connections, wi-fi enabled campus and other learning materials) (Details at Annexure 29 (Pages ___ to ___))

IV. Academic Activities:

a.	Academic achievements by the faculty for the last five years: <ul style="list-style-type: none"> i. No. of Books and Edited Books:- ii. No. of Book Chapters:- iii. No. of Articles in Referred Journals (SCOPUS):- iv. No. of Peer-reviewed Monographs:- v. No. of Referred Papers and Presentations:- vi. Other publications (occasional papers, monographs, working papers, policy briefs, etc:- (Details to be provided at Annexure 30 (Pages ___ to ___))
b.	No. of Honours and Awards in the last five years (Details to be provided at Annexure 31 (Pages ___ to ___))
c.	Research Grants and Fellowships received during the last five years (Details to be provided at Annexure 32 (Pages ___ to ___))
d.	i. Professional Experience / Activities ii. Contribution to Professional and / or Public Service iii. Dissertation supervised by Regular faculty (Details of the last five years to be provided at Annexure 33 (Pages ___ to ___))
e.	Research Projects / sponsored research undertaken during the last 5 years including

	those completed during the period (Name of the Faculty / Department, No. of Research Projects completed / in progress, sponsoring agency, funds received, etc. to be provided at Annexure 34 (Pages ___ to ___))
f.	Extramural research projects sponsored by other agencies (public and private) and implemented by the Institute (s) during last five years: (Details including names of the Principal Investigator, sponsoring agencies and funds received at Annexure: 35 (Pages ___ to ___))
g.	No. of Patents in last five years: Copyrights in last five years: Transfer of Technology in last five years: (Details at Annexure 36 (Pages ___ to ___))
h.	National / International Conferences / Seminar / Symposia /Workshop organized in the last five years: Numbers (Year Wise): (Details at Annexure 37 (Pages ___ to ___))
i.	Other research oriented activities in the last five years
j.	Details of the inter-disciplinary orientation
k.	No. of Research linkages of the Institution (s) with the University and other national and international agencies: (Details at Annexure 38 (Pages ___ to ___))
l.	Details of the full time Doctoral/Post-Doctoral research programmes: (Details at Annexure 39 (Pages ___ to ___))

Dr Manoj Sanyal

Dean

Dean (R&D)

V. Programmes and Activities:

a.	Whether academic programmes offer sufficient scope for interdisciplinary learning and research? If yes, the details thereof. (Details at Annexure 40 (Pages ___ to ___))
b.	Examination process: (Details at Annexure 41 (Pages ___ to ___))
c.	Evaluation system: (Details at Annexure 42 (Pages ___ to ___))

VI. Miscellaneous:

a	Details of periodic reviews and assessments of the Institution/University by recognized external accrediting/assessment agencies, if any (Documentary evidence at Annexure 43 (Pages __ to __))
b.	Details of extension services/activities, societal engagements, continuing education programmes, sports and games, cultural activities etc. undertaken by the Institution/University (Details at Annexure 44 (Pages __ to __))

Certificate

This is to certify that all the information provided in this proposal is true to the best of my knowledge and belief.

Signed and Sealed by the Head of the Institution

Note:-

1. Ministries / Departments of Central / State Governments to give an undertaking that all necessary conditions as prescribed in the UGC (Declaration of Govt. Educational Institutions as Institutions of Eminence) Guidelines, 2017 will be mandatorily adhered to in letter and spirit in respect of Universities / Institutions selected.
2. Serial Number of Annexures should not be changed. If any additional Annexure is to be submitted, it may be mentioned at Annexure -1(A), 1(B)....., 2(A), 2(B).....etc.
3. If Institutions so desires to submit additional information, they may do so at appropriate places along with the Annexures, if any.

**UGC (Declaration of Government Educational Institutions as Institutions of Eminence)
Guidelines, 2017**

(for providing regulatory structure for enabling higher educational institutions to become world class teaching & research institutions)

1. Introduction:

There is a felt need to create a distinct category of deemed to be Universities, called Institutions of Eminence Deemed to be Universities, which shall be regulated differently from other deemed to be universities so as to evolve into institutions of world class in a reasonable time period. This is in order to implement the commitment of the government announced by the Hon'ble Finance Minister in his budget speech in 2016. As per the Budget announcement:

'It is our commitment to empower Higher Educational Institutions to help them become world class teaching and research institutions. An enabling regulatory architecture will be provided to ten public and ten private institutions to emerge as world-class Teaching and Research Institutions. This will enhance affordable access to high quality education for ordinary Indians. A detailed scheme will be formulated.'

2. Objective:

2.1 To provide an enabling regulatory architecture to ten public and ten private Higher Educational Institutions to emerge as world-class Teaching and Research Institutions.

3. Application:

3.1 The present guidelines shall apply to Government Institutions viz. Central Universities, Government owned and controlled Deemed to be Universities, Institutions of National Importance such as Indian Institutes of Technology, Indian Institutes of Information Technology, National Institutes of Technology and Indian Institutes of Science Education and Research, Government owned standalone Institutions working under individual MoAs, such as Indian Institutes of Management and State Universities set up under a law made by Legislative Assembly of a State (Collectively referred as Government Institutions of Eminence).

4. Expectations from a Government Institution of Eminence:

4.1 While a Government Institution declared as an Institution of Eminence, is free to choose its path to become an institution of global repute, an indicative list of parameters, the institution should satisfy within a reasonable pre-determined time frame from the date of notification declaring it as a Institution of Eminence are as follows:

- i) It should preferably be multi-disciplinary and have both teaching and research focus of an exceptionally high quality.
- ii) Apart from the regular courses, it should also offer various inter-disciplinary courses, including in areas of emerging technology and interest as well as those of relevance to the development concerns of countries like India.
- iii) It should have a good proportion of foreign or foreign qualified faculty. Institutions which succeed in mobilizing a broadly diverse national and international academic staff are likely to maximise knowledge capacity. Foreign / Foreign qualified faculty means:
 - a. Any faculty of non Indian citizenship. or

- b. Any Indian citizen who has spent considerable time in academics in a foreign country, with his academic qualification /experience from top 500 Institutions figuring in a reputed world ranking.
- iv) There should be a reasonably good mix of domestic and foreign students.
 - v) There should be a transparent merit based selection in admissions, so that the focus remains on getting meritorious students.
 - vi) The admission process should be need-blind so that once a student gets admission purely on merit, such a meritorious student should not be turned away for lack of financial ability.
 - vii) The faculty student ratio should be not be less than 1:20 at the time of notification issued declaring an Institution as an Institution of Eminence and should increase over time so as not to be less than 1:10 after five years of this date. The faculty for this purpose includes the regular faculty, adjunct faculty, and long term faculty (for at least three years). Part time faculty shall not be counted for the purpose.
 - viii) There should be laboratory facilities that do cutting-edge scientific research for those Institutions engaged in scientific research. In case of humanities and social science and other interdisciplinary areas, the faculty should be engaged in research and field work in frontier areas using the latest methodologies.
 - ix) The Institution should have a world-class library with subscriptions to reputed journals in the areas of its course offerings.
 - x) It should have student amenities comparable with that of globally reputed institutions.
 - xi) The Institution should have reasonably large owned campus with adequate space for expansion.
 - xii) The Institution should strive to achieve social impact by engaging in applied research and innovation in issues of concern to developing societies.
 - xiii) Governance structure of the Institution should be distinct from the governance structure of the organization sponsoring/funding the Institution.
 - xiv) It should be financially sound, either in terms of recourse to public funding.
 - xv) The Institution should have teaching and research collaborations with a reasonable number of global universities figuring in the most reputed global rankings.
 - xvi) The Institution should be known for promoting a culture where faculty are encouraged to publish regularly in peer-reviewed journals and engage academically with the issues of concern to the society. It should have a record of research publications at the mean rate of at least one per faculty member each year in reputed peer-reviewed International Journals based on publication made by top 100 global Universities in these journals. For this purpose:
 - a. Any papers published in international publications which are included in SCOPUS, Web Science or similar international agencies can be counted.
 - b. Instead of every faculty satisfying the publication criteria, it would be enough if the parameter is satisfied as an average across institution.
 - xvii) A multi-disciplinary institution should have a student enrolment of at least ten thousand students in a period of fifteen years. However, the institutions may project a lower figure as its enrolment target with justification on how that enrolment figure would enable it to become a world class university. EEC will examine whether it is feasible for an institution to become world class with the proposed lower figure.



- xviii) The Institution should be accredited by National Assessment and Accreditation Council (NAAC) or an alternative version of NAAC which conforms to UGC (Institutions of Eminence Deemed to be Universities) Regulations, 2017 or its amendments and also be assessed by one reputed international accreditation agency, one whose ratings are a credible and widely accepted global benchmark. The Institution may however appeal on accreditation of NAAC or alternative version of NAAC to the Empowered Experts Committee, whose decision shall be final.
- xix) It should come in top five hundred of any of the world renowned ranking frameworks (such as the Times Higher Education World University Rankings or QS or Shanghai's Jiao Tong University) in the first ten years of setting up on being declared as Institution of Eminence, and having achieved top five hundred rank, should consistently improve its ranking to come in the top one hundred eventually over time.

4.2 The Institution giving an application to be declared as a Institution of Eminence, should in its proposal mention the detailed and tangible action plan, milestones, and timelines by which it seeks to achieve each of parameters in Guideline 4.1 above, mentioning milestones to be achieved in first five years and over 15 years.

5. New Regulatory Structure for setting up Institutions of Eminence:

5.1 As far as Government owned institutions are concerned, they will continue to function as per the existing regulatory provisions under which they have been created.

5.2 Thus, the Institutes of National Importance, created under Acts of Parliament, would continue to function under their existing Acts. However, within the ambit of the Act, they would be given additional flexibility as listed out in Guideline 6.1 hereinafter.

5.3 Similarly, State Public Universities set up under State Acts would continue to function under their respective Acts.

5.4 As far as deemed universities controlled by Government are concerned, they would also be given additional incentives given in these Guidelines, and the same would be provided for in the UGC Regulations to be framed for Institutions of Eminence Deemed to be Universities.

5.5 Institutions which are also regulated by their Professional Regulatory Councils would continue to be regulated by the councils and no relaxation is proposed on rules and regulations laid down by these regulatory bodies.

5.6 Empowered Expert Committee referred in these Guidelines means the committee UGC (Institutions of Eminence Deemed to be University) Regulations, 2017.

6 Guidelines for Government owned Institutions:

6.1 Additional Incentives Proposed:

The Government owned Institutions including Government controlled Deemed to be Universities, which are declared Institutions of Eminence, would be allowed for the following, subject to the same being compliant to the rules and regulations of their Professional Regulatory Councils:

- a. The Institutions of Eminence would be free to admit additionally foreign students on merit subject to a maximum of thirty percent of the strength of admitted domestic students.

- b. The Institutions of Eminence would be free to fix and charge fees from foreign students without restriction.
- c. The Institutions of Eminence would have the freedom to determine the domestic student fees, subject to the condition that no student who gains admission should be turned away for lack of finance. This should be accompanied with a credible programme of scholarships and loans to ensure that the needy are able to pursue higher studies without any financial problems.
- d. The Institutions would have the freedom to offer courses within a program as well as to offer degrees in newer areas, including inter-disciplinary ones, after approval of its Governing Council and broadly conforming to the minimum prevailing standards which shall be intimated to the Commission or Professional Regulatory Councils.
- e. The Institutions of Eminence will have the flexibility of course structure in terms of number of credit hours and years to take a degree, after approval of their Governing Council and broadly conforming to the minimum prevailing standards.
- f. The Institutions of Eminence shall have complete flexibility in fixing of curriculum and syllabus, with no UGC mandated curriculum structure.
- g. The Institutions of Eminence will have freedom to offer online courses as part of their programmes with the restriction that not more than twenty percent of the programme should be in online mode. However, this twenty percent restriction would not preclude the Institutions from offering certificate courses entirely through online mode.
- h. Institutions would have the freedom to recruit faculty from outside India subject to the limit of twenty five percent of its faculty strength.
- i. The Institutions of Eminence will be permitted to hire personnel from industry, etc, as faculty who, though being experts in their areas, may not have the requisite higher academic qualifications.
- j. Academic collaborations with foreign higher educational institutions *ranked in top 500 in global rankings* would be exempt from government approvals, except with Institutions from negative list of countries determined by Ministry of External Affairs/Ministry of Home Affairs.
- k. The Institutions of Eminence shall be free to enter into academic collaborations with other Institutions within the country.
- l. The Institution of Eminence will have complete financial autonomy to spend the resources raised and allocated, subject to general restrictions of the Statutes and GFR.
- m. The institution of eminence shall follow the pay scales of that category of public institutions to which they belong. However, they may build in an incentive structure to attract talented faculty, with the condition that the incentive structure would have to be paid from their own revenue sources and not from government funds.
- n. The institutions will have the freedom to hire foreign faculty/foreign qualified faculty on "tenure/ contract" basis as per the terms & conditions, approved by its governing council.

6.2 Financial Assistance:

6.2.1 Financial Assistance would be provided to Government Institutions which have been declared Institutions of Eminence.

6.2.2 The assistance would be up to an amount of Rupees One thousand Crore or 50 to 75% of the requirement projected in the perspective and detailed plans submitted by the institution, whichever is less, to each Institution in a span of five years starting from the financial year of declaration of Institute as Institution of Eminence. The exact amount to be given and the exact percentage in the 50 to 75% band would depend on the perspective and detailed plan proposal of the institution and assessed and accepted by the Empowered Expert Committee.

6.2.3 The annual release would be dependent on the institution achieving the financial and physical outcomes laid down in its implementation plan.

6.2.4 However, if any Institution shows capacity to absorb the funds earlier and is able to give the expected outcomes, an accelerated pace of funding would also be allowed.

6.2.5 The funding under these guidelines would be in addition to the existing funding to which they are entitled to.

6.2.6 The funds provided under these guidelines shall not be used for purchase of any land or taking land on lease.

6.2.7 Apart from this, the Institution would have the full freedom to mobilize resources from the industry or alumni or other donors and utilize it in accordance with its implementation plan without having to seek any permission from any authority.

6.3 Eligibility criteria for Government owned and controlled Institutions to become Institution of Eminence:

6.3.1 Total of ten Institutions under this category shall be selected to be declared as Institutions of Eminence.

6.3.2 These ten Institutions would be a mix of technical institutions, management and arts institutions and central universities.

6.3.3 These Institutions should figure in the top fifty of the ranking in their category under the latest National Institution Ranking Framework as available on the last date of submission of application or in the immediate preceding ranking of NIRF.

6.3.4 Institutions finding place in top five hundred of some of the internationally recognized ranking frameworks such as the *Times* Higher Education World University *Rankings* or QS or SJTU (Shanghai's Jiao Tong University) would also be eligible for inclusion in the programme.

6.4 Procedure of Selection of Government owned and controlled Institutions to become Institutions of Eminence:

6.4.1 Inviting Application:

6.4.1.1 Commission will call for applications, to be submitted to Ministry of Human Resource Development (MHRD), from existing Government owned and controlled institutions, including Government owned and controlled Deemed to be Universities, desirous of being declared as a Institution of Eminence.

6.4.1.2 The advertisement would be issued both in print media and also would be put on the website of University Grants Commission (UGC) and Ministry of Human Resource Development. A minimum time of ninety days will be given for submitting applications from the date of the advertisement.

6.4.2 Application:

6.4.2.1 Applications in specified format shall be submitted to the Government along with processing fee of Rupees one crore by way of Demand Draft drawn in favour of The Secretary, University Grants Commission, Bahadurshah Zafar Marg, New Delhi. However, Rs seventy five lakh shall be returned to applicants who are not selected as Institutions of Eminence.

6.4.2.1 The Institutions controlled by Central Government, the application shall be made by the Institution through their controlling Ministries / Departments.

6.4.2.2 In case of State Public Universities, the application shall be made by the Institution through the State Government.

6.4.2.3 The application will have two parts: a fifteen year strategic vision plan as well as a five year implementation plan. The former will be the long-term (fifteen years) strategic plan to meet the objectives and characteristics of an Institution of Eminence and will also contain the quantified milestones and timelines for the Institution to achieve world-class repute as laid down in Guideline 4 above. It should also include a SWOT analysis of the institution focusing on their present status in the quality hierarchy, and the proposed measures to address the shortcomings. The implementation plan should contain detailed and tangible annual action plans to achieve the objectives laid out in the strategic plan.

6.4.3 Accompanying documents:

Each application should be accompanied by the following:

- (a) Details of the organization and its structure.
- (b) Financial strength of the institution, in terms of existing and expected revenue sources, existing and anticipated expenditure, and details of existing and expected corpus funds.
- (c) Details of land available for the institution.
- (d) Details of governance structure, including apex Board.
- (e) Details of a five year implementation plan to establish the foundations of an Institution of Eminence and consisting of the following:
 - (i) An academic plan showing the courses proposed and their schedule of offering.
 - (ii) A faculty recruitment policy and plan to meet the academic plan requirements. The faculty plan should strive to maintain the faculty-student ratio of at least 1:10. A share of the faculty should have either studied or worked in the top-tier global universities. This should also contain information about any proposal to draw faculty resources from industry, government, non-profits etc.
 - (iii) A student admissions policy and plan to select Indian and foreign students and expand the enrolment of students as mentioned in guideline 4.1.xvii. The admissions policy should also contain the details of the scholarships that will be provided to ensure that meritorious selected students without adequate financial capability are not turned away.
 - (iv) A research plan indicating the research laboratories and other facilities proposed to be established. In case of humanities, social science and other interdisciplinary faculties, the research plan should indicate the broad areas and nature of field work and research sought to be done.

- (v) A networking plan outlining the teaching and research collaborations and partnerships with private sector and foreign universities, research Institutions, think-tanks, labs etc. that are proposed to be put in place.
 - (vi) An infrastructure development plan that would meet the proposed academic and admissions plans as well as all student and other amenities.
 - (vii) A financing plan, with details of the sources and estimated amounts, to meet the aforementioned plans as well as modalities for their transfer to the institution.
 - (viii) An administrative plan for getting accreditation from national and international agencies, as well as marketing and promotion.
 - (ix) A governance plan that indicates the institutional structure and how it overlaps with ownership, decision-making processes, and social engagement. This governance plan should be committed to the highest global standards of transparency, accountability and efficiency.
 - (x) All these plans should signal the clear commitment of the promoters to achieve the objectives and characteristics laid down in Guideline 4 of these Guidelines and should have actionable items with clear and quantified milestones and timelines.
 - (xi) The objective should be that the Institution should have stabilized and established enough credibility within the five years to be on a path to become a university of global repute in the first fifteen years.
- (f) The five year implementation plan would be recast for each five year cycle, so as to achieve the objectives outlined in the 15 year strategic plan.
 - (g) Plan for involving the alumni in the management of the institution and leveraging alumni financial resources.
 - (h) A sustainability plan for the period when the additional public funding ceases.
 - (i) The institute, if it has the provisions to affiliate in the establishing act, will provide its plan for affiliating any other higher educational institutions in its 15 year perspective plan. Any deviation in the submitted plan will be subject to EEC approval. The EEC may lay down minimum standards for any such affiliation after it has been declared as Institution of Eminence.
 - (j) Any other information or document which the advertisement/ application format specifies.

6.4.4 Selection of Institutions:

The applications shall be processed in the following manner:

- (a) After receipt, the applications that have been submitted in accordance with the format prescribed and within the due date shall be processed and forwarded by the Ministry of Human Resource Development to the Commission which shall entrust it to Empowered Expert Committee.

(b) The Empowered Expert Committee shall conduct its appraisal based on the document submitted by the applicant as well as any other measure of demonstrated commitment to the cause of developing an Institution of Eminence. This appraisal will be a table one, involving scrutiny of papers submitted, along with multiple interactions with the representatives of the sponsoring organisation and may also involve any field visit. The Empowered Experts Committee would engage with the Institutions to study their proposals, hear presentations from them and after a thorough scrutiny, rank the Institutions for their suitability for inclusion in this scheme, based on which the Empowered Experts Committee would make its recommendations.

(c) The recommendations of the Empowered Expert Committee shall be placed before the Commission. The Commission will send the recommendation within fifteen days of the receipt of the recommendations from EEC.

(d) Based on the recommendations of the Commission and Empowered Experts Committee, the Ministry of Human Resource Development, shall issue orders on selection of Institutions under this scheme.

6.4.5 Notification:

After issuance of the Government order, the strategic and implementation plans for each selected Institution of Eminence would be converted into a MoU that would guide and govern the development of the Institution. The notification for Institution of Eminence shall be made immediately after signing the MoU by the selected Institution with the Government.

6.5 Monitoring and Review:

6.5.1 The Institutions of Eminence shall be reviewed once in three years after their notification as such by the Ministry of Human Resource Development by the Empowered Expert Committee for adherence to their implementation plans, keeping in view their fifteen year strategic plans. The monitoring and review shall continue till the Institution gets into top hundred in a world ranking of repute for two consecutive years or till fifteen years, whichever is earlier.

6.5.2 However, the Institution shall inform the Empowered Expert Committee every year on the progress made in realising the goals laid out in the implementation and strategic plans in a manner so prescribed by the Committee.

6.5.3 The Empowered Experts Committee may also evolve such other monitoring and review systems with shorter periodicity especially in the initial years, with the objective of guiding and supervising the growth of the Institution.

6.5.4 Apart from this, the Empowered Expert Committee may require the Institutions of Eminence to annually self-report and publicly display certain information relating to compliance with their implementation and strategic plans.

6.5.5 The annual review exercise should be completed by June each year.

6.5.6 The Empowered Expert Committee may suggest remedial action to address deficiencies, if any. The Institution shall take steps to address them within a reasonable time period.

6.6 Accreditation and Ranking:

6.6.1 The Institution of Eminence, within five years of the notification shall have to get accreditation in terms of Guideline 4.1 (xviii) above.

6.6.2 The Institution of Eminence shall continue to be ranked in the National Institutional Ranking Framework and, within five years of notification, shall get itself ranked in an International Ranking index of repute. It should from then on continue to be ranked in the National and International ranking frameworks.

6.7 Penalties:

6.7.1 If the Institution is unable to meet the goals at the end of fifth and subsequent years, and there are grave enough deviations, as determined by the Empowered Expert Committee, from the implementation plan, the Empowered Expert Committee may recommend to the Ministry of Human Resource Development for taking action as given below.

6.7.2 The Ministry of Human Resource Development, on recommendation of the Empowered Expert Committee, may take any one or more of the actions given below:

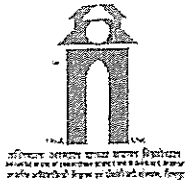
- a) Removal of the Institution of Eminence status and reverting it back to the original status which it was before getting the Institution of Eminence Status.
- b) Withdrawing of any or all additional incentives given to it under paragraph 6.1.
- c) Any other penal provision available in the Statute under which the Institution was set up.

7. Secretarial Support:

UGC will provide all secretarial assistance to the programme, including to the Empowered Expert Committee including honorarium to be paid to the members. The expenditure on account of accessing any expert either domestic or international by Empowered Expert Committee shall also be borne by UGC. There shall be no provision for creation of posts.

8. Power to remove Difficulties:

In case there is any difficulty encountered in the course of implementation of any of the provisions, the Central Government, with intention to remove the difficulty, may give suitable clarifications, not amounting to change in the guidelines itself.



OFFICE OF THE REGISTRAR
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR
AN INSTITUTE OF NATIONAL IMPORTANCE
(FORMERLY BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR)

No.: RMS/6234/17

Date: October 12, 2017

NOTICE

The first meeting of the committee constituted vide notification no. RMS/6225/17 dated 10.10.2017 was held on Wednesday the 11th October, 2017 at 15:00 hr at the conference room at the seventh floor of the science and technology building. The meeting was chaired by the Director. The following decisions have been taken in the meeting.

1. An all out effort should be made to prepare a well documented application in UGC prescribed format. It was also felt that the first draft may be prepared well ahead of the last date to allow revision and fine-tuning. It was decided that the proposal will be ready in all respect by the end of November 2017 so that application may be made well in time. All concerned will make necessary endeavour to ensure an early completion of the preparatory work.
2. A committee with the following members will prepare the 'Vision for Institution of Eminence' as required to submit as per part 1 of the proforma prescribed by UGC.
 - i) Prof. Indranath Sinha – Chairman
 - ii) Prof. Shyamal Kumar Chattopadhyay
 - iii) Prof. Subrata Chakraborty
 - iv) Prof. Kalyan Bhar
 - v) Prof. Amitava Basumallick
 - vi) Prof. Prabir Paul, and
 - vii) Prof. Anjan Ghosh (Head, SOMS) - Convenor
3. A committee comprising all Deans (Dean Academic Affairs as Chairman) and Prof. Aparna (Dey) Ghosh as convenor will prepare the 'Proposed Fifteen Year Strategic Plan (for next three five year periods)' as per part 1 of the prescribed proforma.
4. A committee comprising the Dean, IIPM (as Chairman), the Registrar and the University Engineer (as convenor) will prepare the 'Land details' as required to submit as per part 1 of the proforma prescribed by UGC.
5. The committee constituted vide office order no.RDO/119/15 dated July 21, 2015 regarding management of the Institute fund under the chairmanship of Dean Administrative Affairs will prepare 'Financial plan' as required to submit as per part 1 of the proforma.
6. 'Details of Students enrolled' and 'Details of foreign Students enrolled' during the last three years as required in part 3 of the prescribed proforma will be provided by the Dean (Academic affairs) and the Controller of Examinations (Acting).
7. Details of 'Books and Journals' as required in part 3 of the prescribed proforma will be provided by the Librarian.
8. Details of 'Equipment' as required in part 3 of the prescribed proforma will be provided by the concerned heads of the Departments/Schools/Centres and Workshop Superintendent. The heads concerned may, if they so desire, designate one/ two faculty members as the resource persons who will facilitate preparation of the document.
9. Details of 'Academic Activities' as required in part 3 of the prescribed proforma will be provided by Dean (Academic Affairs), Dean (Faculty Affairs), Dean (R&D) and HOD (HRM).
10. Prof. Amitava Ghosh and Prof. A. Mallick will be invited in the Committee as advisors.
11. Since application money for submission of application for participation in the program of Institution of Eminence is Rs. 1 Crore, this will be placed before the BOG for approval.
12. The committee constituted for preparation of 'Vision for Institution of Eminence' will organise 2/3 small workshops with all the members of the committee and interested faculty members. First such workshop will be held on 16.10.2017 at 12 noon in the conference room of the Director.
13. The next meeting of the committee will be held on 20.10.2017 at 3 p.m. in the conference room of the Director.

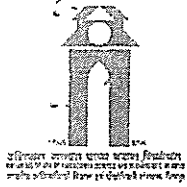
This is issued with the approval of the Director.

Sd/-
(Biman Bandyopadhyay)
Registrar

Copy forwarded for information and necessary action to:

- (1) Director
- (2) Prof. Shyamal Kumar Chattopadhyay, BOG Member
- (3) Prof. Subrata Chakraborty, BOG Member
- (4) All Deans /Associated Deans/Heads of the Departments / Centres / Schools/Officers
- (5) Prof Aparna (Dey) Ghosh
- (6) Co-ordinator, TEQIP-II & TEQIP-III
- (7) Workshop Superintendent
- (8) Institute Website

Registrar



OFFICE OF THE REGISTRAR
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR
AN INSTITUTE OF NATIONAL IMPORTANCE
(FORMERLY BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR)

No.: RMS/6269/17

Date: 25.10.2017

NOTICE

The 2nd meeting of the committee constituted vide notification no. RMS/6225/17 dated 10.10.2017 was held on Wednesday the 20th October, 2017 at 3 pm in the conference room of the Director. The meeting was Chaired by the Director. The following decisions have been taken in the meeting:

1. The committee constituted for preparation of the 'Vision for Institution of Eminence' (as required to submit as per part 1 of the proforma prescribed by UGC) will organize two more workshops and will finalize their document and submit the same to the Director by 6th November, 2017. 2nd such workshop will be held on 31.10.2017 at 12 noon in the conference room of the Director.
2. The committee constituted for preparation of the 'Proposed Fifteen Year Strategic Plan - for next three five year periods' (as required to submit as per part 1 of the prescribed proforma prescribed by UGC) will submit their report to the Director by 6th November, 2017. Prof. Subhasis Bandopadhyay, HOD, Humanities and Social Sciences will act as the convener of the committee instead of Prof. Aparna Dey Ghosh.
3. The committee constituted for preparation of the 'Land details' (as required to submit as per part 1 of the proforma prescribed by UGC) will submit their report to the Director by 30th October, 2017.
4. The committee constituted for preparation of 'Financial plan' (as required to submit as per part 1 of the proforma prescribed by UGC) will submit their report to the Director by 6th November, 2017.
5. Committee noted the 'Details of Students enrolled' and 'Details of foreign Students enrolled' during the last three years (as required in part 3 of the prescribed proforma prescribed by UGC) have been submitted by the Dean (Academic affairs) and the Controller of Examinations (Acting).
6. Details of 'Books and Journals' (as required in part 3 of the prescribed proforma prescribed by UGC) will be submitted by the Librarian (Acting) to the Dean Academic Affairs by 30th October, 2017.
7. Details of 'Equipment' (as required in part 3 of the prescribed proforma prescribed by UGC) will be provided by the concerned heads of the Departments/Schools/Centres and Workshop Superintendent to the Dean Academic Affairs by 31st October, 2017.
8. Details of 'Academic Activities' as required in part 3 of the prescribed proforma will be submitted by Dean (Academic Affairs), Dean (Faculty Affairs), Dean (R&D) and HOD (HRM) to the Director by 5th November, 2017.
9. Being the need of the hour to be at par with the global peers, interdisciplinary orientation will be the main focus of the research areas of the Institute. Seventeen interdisciplinary research areas have been identified. Several other research areas may be identified by the interested faculty members. For each research area, a research group will be formed from amongst at least two departments. The groups are to work for preparing project proposals to make India's best centers in terms of advanced laboratories and research facilities represented by able faculty members. With these objectives following areas have been identified with the designated faculty members responsible for constitution of the group and preparing the proposals with the group:
 - i. Embedded Innovation lab - Prof. Hafizur Rahaman (II), Prof. Debjani Ganguly (EE) and Prof. Chandan Giri (IT)
 - ii. Centre for Nano-electronics and VLSI - Prof. Hafizur Rahaman (IT) and Prof. Partha Bhattacharyya (ETC)
 - iii. Genetic and Bio-Technology lab- Prof. Pallab Datta (CHST)
 - iv. Bio Materials – Prof. Sukumar Kundu (M &ME) and Prof. Amitava Basu Mallick (M &ME)

- v. Bio Chemical - Prof. Ajit Kumar Mahapatra (Chemistry) and Prof. Jhuma Ganguly (Chemistry)
- vi. Medical Instrumentation – Prof. Chirasree Roy Chaudhuri (ETC)
- vii. Medical Implants – Prof. Amit Roy Chowdhury (AE & AM)
- viii. Automotive Engineering – Prof. Mainak Sengupta (EE) , Prof. Kaushik Mukherjee (EE), Prof. Subhasis Bhaumik (AE & AM) and Prof. Shyamal Chatterjee (ME)
- ix. Supersonic Wind Channel Prof. Koustav Devnath (AF & AM) and Prof. Pabitra Halder (AE & AM)
- x. Center for Theoretical Sciences - Prof. Sudip Kumar Chattopadhyay (Chemistry)
- xi. Sustainable Shelter– Prof. Aditya Bandyopadhyay (AT & RP), Prof. Subrata Chakroborty (CE), Prof. Ambarish Ghosh (CF)
- xii. Centre for Water and Environment - Prof. Anirban Gupta (CE), Prof. Souvonic Roy (AT & RP) and Prof. Kalyan Bhar (CE)
- xiii. Centre for Advanced Transportation studies– Prof. Sudip Roy (CL) and Prof. Subrata Paul (AT & RP)
- xiv. Carbon Sequestration–Prof. Pratik Dutta (Mining) and Prof. Sabyasachi Sarkar (CHST)
- xv. Robotics and Automation lab –Prof. Subhasis Bhaumik (AE & AM) and Prof. Syed Minhaz Hossain (Physics), Prof. Abhik Mukherjee (CST).
- xvi. Internet of things / Big data/ Sensor Network/ Artificial Intelligence – Prof. Sulata Mitra (CST), Prof. Asit Das (CSf) and Prof. Malay Bhattacharyya (IT) and Prof. Arindam Biswas (IT)
- xvii. IPR, Entrepreneurship and Incubation Cell – Prof. Manas Kumar Sanyal (HRM) and Prof. Manas Hira

The above mentioned designated faculty members and other interested faculty members have to submit their proposal to the Director by 1st November, 2017.


10. All Heads of Departments/ Centres/Schools are to submit a present status report to Dean Academic Affairs by 31st October, 2017. The report should include present infrastructure, present experiment, present projects, information on students and all other necessary details.
11. All Heads of the Departments/Centres/Schools also need to submit a 5-10-15 years roadmap towards becoming a part of (and contributing to) an institute of Eminence / an institute of global repute by 6th November, 2017 to the Director.
12. The Director will give a direction on the future vision of the institute and interact with the faculty members. He will meet all faculty members on 1st November, 2017 at 2.30 pm at Alumni Seminar Room.
13. The next meeting of the committee will be held on 2.11.2017 at 12 noon at conference room of the Director.

All committee members and interested faculty members are requested to attend the 2nd workshop on 'Vision for Institution of Eminence' to be held on 31.10.2017 at 12 noon in the conference room of the Director.

All faculty members are requested to attend interactive session with Director to be held on 01.11.2017 at 2.30 pm at Alumni Seminar Room.

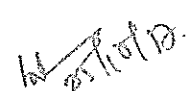
All committee members are requested to attend the 3rd meeting of the Committee to be held on 2.11.2017 at 12 noon at conference room of the Director.

This is issued with the approval of the Director.


 (Biman Bandyopadhyay)
 Registrar

Copy forwarded for information and necessary action to:

- (1) Director
- (2) All members of the committee constituted vide notification no. RMS/6225/17 dated 10.10.2017
- (3) All Deans /Associated Deans/Heads of the Departments / Centres / Schools/Officers
- (4) All faculty members –through the concerned Heads of the Departments / Centres / Schools
- (5) Institute Website


 Registrar



**AN OUTLINE/FORMAT TO SUBMIT DEPARTMENTAL FUTURE ROADMAP AND OUTLOOK TO BECOME
AN INDIAN INSTITUTE OF EMINENCE
AND
A 21st CENTURY INSTITUTE OF GLOBAL REPUTE**

NAME OF THE DEPARTMENT/SCHOOL/CENTER:

1. Global Trend and Gap Analysis

Global Trends related to the domain	
Bench Mark Institute s(with justification)	
Catch-up ¹ Acts (justify how such acts are achievable and realistic)	
Identified area(s) to focus on (research)	
The department's contribution to become global institute of eminence ²	

2. ROADMAP

	5 Year (2022)	10 Year (2027)	15 year (2032)
Research			
Research Topic/ focus area (max three, add additional sheets)			
How does it map with global trends			
What's our current condition/ situation on research in that area on important parameters			
Infrastructure Requirement			
Faculty			
Present			
Requirement			
Internal Faculty development plans to meet global standards			
Collaboration Plans with other institutes and industry			
Project/ Consulting Opportunities			
Other points you would like to mention			

¹ How things can become measurable/ comparable with global parameters

² Taking lead (national/ global) in a few identified areas (and/or niche)



OFFICE OF THE REGISTRAR
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR
AN INSTITUTE OF NATIONAL IMPORTANCE
(FORMERLY BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR)

No.RMS/6283/17

Date: 31/10/2017

NOTICE

Subject: Submission of 5-10-15 year roadmap of the departments/ schools/ centres, required for preparing/ feeing up the application format to enable the Institute to apply for the MHRD scheme of 'Institution of Eminence'.

In continuation to notification no. RMS/6269/17 dated 25.10.2017 it is brought to the attention of all Heads of Departments/ Schools/ Centres that as part of the institute's preparation to submit application to UGC through MHRD to become an 'Institute of Eminence' certain data/ information/plan regarding the Departments/Centres/ Schools are required to be furnished.

1. As mentioned in notification no. RMS/6269/17 dated 25.10.2017, all Heads of Departments/ Centre/ Schools are to submit a status report to Dean (Academic Affairs) by 31.10.2017. The time limit is now extended to Friday the 3rd November 2017.
2. Every Head of Department/ School/ Centre also need to create, in consultation with Faculty members concerned, a 5-10-15 year roadmap for the unit to get prominence in the global landscape. To facilitate creation of the roadmap a non-binding template is attached (annexure-I). The roadmap may be furnished to the undersigned by 17:00 hr on 06.11.2017. The roadmap should include the following:
 - A. The global context
 - a. Trend in research related to your department/ school/ function
 - b. Global/ National Institutes working in the area of your domain to be benchmarked
 - B. Plan, both operational and financial, to attain prominence in the global context primarily in terms of
 - a. Research
 - b. Teaching
 - C. Performance parameters and targets
3. It is hereby reminded that the Director will give a direction on the future vision of the Institute and interact with the faculty members. He will meet all faculty members on 1st November 2017 at 14:30 hr at the Alumni Seminar Room.

This issues with the approval of the Director.

sd/-
(Biman Bandyopadhyay)
Registrar

Encl: As stated above.

Copy forwarded for information and necessary action to :

- 1) Director
- 2) All members of the committee constituted vide notification no.RMS/6225/17 dated 10.10.2017
- 3) All Deans/Associated Deans/Heads of the Departments/Centres/Schools/Officers
- 4) All faculty members-through the concerned Heads of the Departments/Centres/Schools
- 5) Institute Website

H/- 31/10/17
Registrar

	5 Year (2022)	10 Year (2027)	15 year (2032)
Financial Requirement (with appropriate break-up)			
Capital Expenditure			
Operational Expenditure			
Other Expenditure (specify)			
Institutional Support Needed			
Target Performance			
Research Publication			
Target Journals			
Publication per faculty/ year			
State plan to ensure 1 publication/ faculty/year (average) in world's top journals ³			
Conference			
Book			
Patent			
Consulting/ Project Opportunities with the research - national, industry, society (indicate expected value in INR)			
Teaching			
Growth Plan			
UG (students/year)			
PG (student/ year)			
PhD			
Plan to upgrade course structure, content, pedagogy and learning delivery			
Plan to transform to ICT based learning			
Suggestion to promote leadership, entrepreneurship and interdisciplinary exposure and abilities in students			
Suggestion to giving the students exposure to industry, academia and entrepreneurship as			

³ A condition by MHRD to become Institute of Eminence

	5 Year (2022)	10 Year (2027)	15 year (2032)
career opportunities			
Your key initiatives to collaborate with other departments for inter-disciplinary research			

3. Any other comments/ suggestions

4. List of Faculty Members Contribute /Participated in Planning of The Road Map

- | | |
|-----|-----|
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |
| 7. | 8. |
| 9. | 10. |
| 11. | 12. |
| 13. | 14. |
| 15. | 16. |

Signature
Head-of the Department of

10
11

12