The 35th Meeting of the IFHE Internal Quality Assurance Cell

Date & Time: September 24, 2020 at 11.00 hours

Venue:

IFHE, Hyderabad

AGENDA ITEMS

Item	Description	To be Presented by	Page. No.s
Part A: S	Statutory Items		
35.01	Grant of Leave of Absence		1
35.02	Minutes and Follow up Action of the 34 th IQAC Meeting		2
Part B: I	BS-Hyderabad (Faculty of Management)		
35.03	Online Learning and Examinations	Dr. C S Shylajan	9
Part C: I	Faculty of Science and Technology		
35.04	Online Learning and Examinations	Dr. M. Srinivasa Reddy	13
35.05	Online Learning and Examinations	Prof. Narasimham VVL	15
Part D: 1	Faculty of Law		
35.06	Online Learning and Examinations	Dr. A V N Rao	19
Part E: N	NAAC 2020	1	l
35.07	Quantitative Metrics	Dr. P N Sindhuja	23
Part F: C	Other Items		
35.08	Centre for Excellence in IPR	Dr. Dilip Sharma	27
35.09	Faculty Development Programs by ATAL Academy	Dr. M Bhaskar Rao	31
35.10	Allotment of NCC Unit to IFHE	Col. Vishwanath	34
35.11	Other Information Items	-	35
35.12	Any Other Items	-	36
35.13	Date for Next Meeting	-	37

Part - A Statutory Items

Item 35.01 Grant of Leave of Absence

Item 35.02

Minutes and Follow up Action of the 34th IQAC Meeting*

Minutes and Follow up Action of the 34th IQAC Meeting of the ICFAI Foundation for Higher Education (Deemed-to-be-University u/s. 3 of the UGC Act, 1956) held on October 4, 2019 at the IFHE Campus, Hyderabad.

The following members were present:

- 1. Dr. J Mahender Reddy Chairman
- 2. Dr. R P Mohanty
- 3. Dr. V Bhanoji Rao
- 4. Dr. S Vijayalakshmi
- 5. (Late) Dr. S Venkata Seshaiah
- 6. Dr. M Srinivasa Reddy
- 7. Dr. A V Narsimha Rao
- 8. Dr. C S Shylajan
- 9. Dr. K S Venugopal Rao
- 10. Dr. Tamma Koti Reddy
- 11. Dr. M Sitamma
- 12. Dr. Samyadip Chakraborty
- 13. Prof. C Padmavathi
- 14. Dr. P N Sindhuja
- 15. Prof. Mahesh Kumar Soma
- 16. Prof. G Madhavi
- 17. Prof. L Shridharan
- 18. (Late) Dr. A K Rao
- 19. Dr. V Nagi Reddy
- 20. Dr. Y R Haragopal Reddy
- 21. Dr. Elizabeth Zacharias
- 22. Dr. Sudheer Hanumanthakari
- 23. Prof. Kishore Kumar
- 24. Mr. Samad Noorus
- 25. Mr. T P Das
- 26. Mr. Indranil
- 27. Dr. K Pushpa
- 28. Prof. T S R K Rao

The following Special Invitees were present:

- 1. Smt. Shobha Rani Yasaswy
- 2. Dr. V Hemalatha Devi
- 3. Dr. Ravi Kumar
- 4. Dr. M Bhaskar Rao
- 5. Dr. D Satish
- 6. Dr. V Padmavathi
- 7. Col. S P Viswanath
- 8. Prof. Narasimham V V L
- 9. Dr. A Chandra Sekhar
- 10. Mr. Sanjib Dutta
- 11. Mr. Y Srinivasa Reddy

Dr. J Mahender Reddy, Vice Chancellor, presided over the meeting and the following items of business were transacted:

34.01 Grant of leave of absence, if any

Dr. Brahmaiah, Dr. Debapratim Purkayastha and Dr. Radhamohan, could not attend the meeting. Leave of absence is granted.

34.02 Confirmation of the Minutes of the 33rd meeting of the Internal Quality Assurance Cell

The minutes of the $33^{\rm rd}$ meeting of the Internal Quality Assurance Cell were confirmed.

34.03 Follow up action on the Minutes of the 33rd meeting of the Internal Quality Assurance Cell

There were no specific suggestions for follow-up.

34.04 Review of Operations

A report presented on the progress of academic and various other activities of IBS Hyderabad (Faculty of Management), Faculty of Science & Technology (FST) and Faculty of Law (FoL) was reviewed and noted

34.11 IBS Hyderabad (Faculty of Management)

to

34.17 The Members noted the information furnished

34.18 Faculty of Science and Technology

to

34.19 The Members noted the information furnished

34.20 Faculty of Law

The Members noted the information furnished

34.21 Rankings, Ratings and Accreditations

The Members noted the information furnished

34.22 Library

The Members noted the information furnished

34.23 Website

The Members noted the information furnished

34.24 Administrative Matters

The Members noted the information furnished

34.25 HR Matters

The Members noted the information furnished

34.26 Other Information Items

-Nil-

34.27 Any Other Items

-Nil-

Discussion Related to NAAC

Metric The members suggested to collect information on the E-content developed by

4.2.7 the faculty, provide and upload the details

Metric The members suggested to develop more best practices apart from Case

7.2.1 Research Center and Ph Program

34.28 Date for Next Meeting

It was agreed that the date for the next meeting of the Internal Quality Assurance Cell would be on September 24, 2020

The meeting concluded with a vote of thanks to the Chair.

J Mahender Reddy Vice Chancellor Follow up Action on the Minutes of 34th Internal Quality Assurance Cell Meeting, held on October 4, 2019.

There were no specific suggestions for follow-up.

Part - B IBS Hyderabad (Faculty of Management)

35.03 Online Learning and Examinations (Dr. C S Shylajan will brief the meeting)

A. Practices you would like to share on Online delivery of classes.

It was decided to start the academic sessions for MBA as per the academic calendar. Academic induction classes for Semester -1 students were conducted from May 20th to May 30th, 2020. For Semester-I, regular classes started on June 02, 2020 and for semester-III regular classes started on June 03, 2020. The online classes are being conducted using Google meet platform. Apart from the regular academic sessions, students were given time slots for mentor-mentee interaction, consultation hours and student club activities. For faculty members and research scholars, there is a specified time slot for Weekly Seminar on every Friday. Similarly, classes for BBA Sem 1, 3 & 5 were also started online mode.

B. Practices you would like to share on Online Examinations & C.Practices you would like to share on foolproof proctoring of exams.

With lock down period initiated from 22nd March 2020, online sessions for BBA students were conducted and subsequently online examinations were also planned within the framework of UGC guidelines dated April 29th, 2020. Based on the initial discussions, IBS technical team endorsed the idea and confirmed the feasibility of smooth conduct of online examinations for BBA/MBA /BA(Economics) students using Google meet as proctoring tool. To accommodate the students' convenience, choice to write on A4 paper 'Scan & Upload' option was provided to students along with an option to type on the webpage and submit answer.

To assess the difficulties that student as well as faculty community might face, a mock online test for entire students of each semester was organized. Based on the feedback from both faculty and student community necessary changes were carried out before moving ahead. Keeping in view the students' apprehensions, an open book evaluation of conceptual application along with MCQs was planned as exam methodology. To ensure foolproof vigilance, batches of 40 students were assigned in each exam group with 3 invigilators deputed for proctoring (online invigilation).

For MBA, end term exam results of Class of 2020 and Class of 2021 were announced well before the lockdown decision was announced. The Summer Term examinations originally scheduled in April – May 2020 for second semester and

fourth semester had to be postponed due to sudden lockdown from 22nd March 2020. These examinations were conducted in June-July period in online mode.

End term examinations for Class of 2021 and Class of 2022 are planned from Sep 28th to Oct 7th. The examinations will be conducted for 2 hours with descriptive type question pattern. The proctoring will be done using Google platform. The examinations will be conducted through SIS (student information system) portal.

D. Plans you have for implementing Blended Learning once the campus opens for students.

We are planning to have a blended learning once the campus opens for students. The sessions will be conducted using both online and offline mode by strictly following the social distance norms.

Part - C Faculty of Science and Technology

35.04 Online Learning and Examinations

(Dr. M Srinivasa Reddy will brief the Meeting)

A. Practices you would like to share on Online delivery of classes.

The content for every session is pre recorded at least one week before the actual session. At the production level itself, audit team (comprising a committee of 4 or 5 members) ensures the quality of content. The link will be uploaded in the Learning Management System at least one day before the scheduled class with an intention to make the students go through before participating in the actual class session through online. The online session is through any one of the platforms like Google meet, Zoom, Webex etc. During the online session, the instructor goes through live presentation / clarifying questions or doubts of the students. At the end of every session, a 5 to 10 minute assessment test is planned in order to understand the extent of grasping by the students

B. Practices you would like to share on Online Examinations.

We have been practising to develop question banks (more than thousand) in each and every subject across all disciplines of engineering. This practice has been in operation for the last two and half years. This is a constant and continuous effort from faculty members. Refining and adding new questions to the question bank is a regular process. Here the question bank consists of questions with more than one answer. The degree of difficulty also varies. The questions in the examination will be randomised and the sequence of answer options also change with a view to minimise any kind of malpractice by students. The minimum number of questions a two hour examination should have 100 to 110 so that student will have minimum time for resorting to unfair practices.

In smaller groups, different question paper for every student is one way of conducting the examination (especially in design courses). There is little scope for unfair means

C. Practices you would like to share on foolproof proctoring of exams.

As we are conducting examinations through LMS, we are trying to explore what could be the best possible plug ins we can adopt for proctoring of examinations. This is at an exploration stage.

D. Plans you have for implementing Blended Learning once the campus opens for students.

By keeping in mind the social distancing norms and other operational issues, on any given day half of the students in a particular year and for a particular branch will be on campus. One half will be attending classes and the other will be joining the actual class through virtual mode. For the next session, the members will be swapped so that students who were on virtual mode will be on the campus and vice versa. In case of smaller number of students of a particular branch of engineering (say 20), no need to make it into half.

ICFAI School of Architecture

35.05 Online Learning and Examinations

(Prof. Narasimham VVL will brief the Meeting)

The physical classroom teaching at ISArch for the second semester of the 2019-20 Academic year was started on 2nd January, 2020. It was to have been completed its syllabus by 20th April 2020 normally. The End Semester exams were to be conducted from 20th April 2020 and be completed by 20th May, 2020 normally.

But the physical classroom teaching was stopped from 14th March, 2020 due to Covid-19 epidemic lockdown. The online mode of teaching started from 30th March 2020 to complete the running second semester of the academic year and its online exams.

The practices that were adopted are as follows:

A. Practices followed for online delivery of classes:

Right from 30th March, 2020 the online classes were conducted to continue to complete the rest syllabus to all students for the existing both batches via Google Meet platform. This was done as per the Time Table planned for the classes. Thus, all Faculties took online classes and completed total syllabus by 15th May, 2020. Even students had submitted all assignments due by the same date.

B. Practices followed for Online Examinations:

By conducting regular online Faculty meetings every two weeks, the semester teaching methods and examinations conduction was planned. Thus ISArch conducted online End Semester Final Exams from 8th June, 2020 to 24th June, 2020 on Google Meet platform for all the Theory and Design papers as per the time required.

C. Practices followed for fool proof proctoring of exams:

It was advised in our IFHE SMC (Strategic Management Committee) meeting in May 2020 that online end exams should be conducted with Empathy towards students who were facing very difficult circumstances due to Covid-19 pandemic lockdown.

Thus ISArch conducted online end exams to both existing batches having only 28 students put together. In order to conduct fool proof proctoring of exams, there were several question papers set for students for each exam instead of one single question paper. Even direct questions were avoided and questions were such that they had to apply their understanding to answer. The time given also was very tight to waste for seeking answers from any other source.

D. Plans for implementing Blended Learning once the campus opens for students:

The online classes for the first semester of the Academic year 2020-2021 for both existing batches have already started from 3rd August, 2020 and should end by Jan 2021 via Google Meet platform. The end semester exams also have been planned to be conducted online in January 2021. The new batch classes will commence from 12th October, 2020 and end by February 2021 with online end exams planned in February 2021. Whenever the campus reopens for the students, the Time Table prepared for the online classes and end exams will be followed as it is for the physical classroom teaching and end exams as far as possible.

Part - D Faculty of Law

35.06 Online Learning and Examinations

(Dr. A V N Rao will brief the Meeting)

A. Practices on Online Delivery Classes

- 1) The Law School has used the Zoom, Google Class, Google Meet for the delivery of lectures from March 16 to May 5, 2020 to the students of II, IV, VI, VIII and X semesters for the academic year 2019-20 and completed the syllabus.
- 2) The faculty have posted the study materials and PPTs to student groups by e mails, WhatsApp Groups and Class groups.
- 3) The Faculty have arranged doubt clearing sessions on Zoom and WhatsApp Video Calls.
- 4) The Law School has hired the services of the 'MicroSoft Teams' for delivery of the lectures to the students of current batch, i.e. for the academic year 2020-21
- 5) Every day we are conducting four sessions, each session is of one hour and for 6 days in a week.
- 6) The classes of the students of III, V, VII and IX years were commenced on August 3, 2020 and about 96% of students are attending the classes.
- 7) Every class/lecture is recorded and made available to the students who were not present in the classes due to some valid reasons.
- 8) The recorded teachings of Classes are filed separately for the use of the students in future for revision of classes.
- 9) Internship of students passing out 1st, 2nd, 3rd and 4th year was completed on online and offline mode. The research projects were given to very few students who could not secure the offline or online internships.

B. Online Examinations

- 1) The examinations for the students of passing out students of Class of 2015-20 during the academic year 2019-20 were conducted on line by hiring the 'Flexiquiz' software with demo examinations to the students and faculty.
- 2) Online End Term examinations for the passing out students of Class of 2015-20 during the academic year 2019-20 completed during the month of July and results processed and declared to facilitate the students for higher education abroad and also domestic institutions.
- 3) Internal tests for the current batch of students of III, V, VII, and IX completed
- 4) Mid-term examinations for the students of III, V, VII, and IX are scheduled from September 28 to October 5, 2020 on online mode.

C. Proctoring

With the help of internal IT department and Flexiquiz, the examinations were conducted carefully and avoided possible malpractices.

D. Blended Learning

The handouts issued for each subject of class contains the flip class rooms teaching, having the blend of videos, articles, and weblinks and all the faculty members are encouraging the students to come prepared for the class by viewing the videos identified and notified by the teachers from the SWAYAM, National Law University, Delhi, and authenticated websites.

This process will be continued once the classes start physically at campus.

Part - E NAAC - 2020

35.07 NAAC Quantitative Metrics (Dr. P N Sindhuja will brief the Meeting)

NAAC Quantitative Metrics

NAAC Quantitative Metrics				
S. No.	Metric No.	Description	Data/Evidence Requirement	
1	1.4.1	Structured feedback received from	Feedback Reports	
		1) Students, 2) Teachers, 3) Employers, 4) Alumni 5) Parents,	Action Taken Reports	
		for design and review of syllabus - Semester wise /year wise	Email sent to all schools	
2	2.5.1	Average number of days from the date of last semester- end/ year- end examination till the declaration of results during the last five years	56.03 days	
3	2.5.2	Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years	No complaints registered	
4	2.7.1	Online student satisfaction survey regarding teaching learning process	Current year data gathered	
5	3.1.3	Number of teachers awarded international fellowship for advanced studies/ research during the last five years	2 Can we improve this number?	
6	3.7.1	Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students per year	Need improvement	
7	3.7.2	Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years	Need improvement	

S. No.	Metric No.	Description	Data/Evidence Requirement
8	5.2.1	Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ Civil Services/State government examinations)	Data is needed
9	5.2.3	Percentage of recently graduated students who have progressed to higher education (previous graduating batch)	Data for 2019-2020 batch is required
10	6.3.3	Average number of professional development / administrative training Programmes organized by the university for teaching and non-teaching staff during the last five years	Need improvement

Part - F Other Items

35.08 Centre for Excellence in IPR

(The ICFAI Law School, IFHE, Hyderabad)

(Dr. Dilip Sharma will brief the meeting)

"Creative India; Innovative India: रचनात्मक भारत; अभिनव भारत"

- IP Policy, 2016

The Centre for Excellence in IPR was recently established at ICFAI Law School, Hyderabad to promote research and awareness in the field of intellectual property rights. The Centre is dedicated to impart IP education and training to students, academicians and professionals across the country. The Centre for IPR is established to promote interdisciplinary research in the area of intellectual property law, science, technology, arts and economics. The Centre for IPR is looking forward to undertake research projects on the contemporary issues of importance related to intellectual property rights. The Centre also provides consultancy services to the innovator, creators and entrepreneurs on the filing, registration, protection, management and infringement of intellectual property rights. The Centre also regularly organizes conferences, seminars and webinars to spread IP awareness among the students, academicians and professionals. The objectives of the Centre are as follows-

Objectives –

The objectives of the Centre are:

- To spread awareness about the intellectual property laws and system.
- To undertake research activities on the contemporary issues related to intellectual property rights.
- To organize conference/seminar/workshop and symposium on various contemporary issues related to intellectual property rights.
- To provide consultancy services to innovators, creators and entrepreneurs on the registration and protection of intellectual property rights.

Recent activities -

- Two webinars on "Intellectual property prosecution, filing and enforcement during COVID-19 Pandemic" in collaboration with Wordict IP and Innovpath Guest Speakers -
- Mr. Ramakrishna Damodharan, Managing Director, Adipven, Malaysia and Mr.
 Ashok Ram Kumar, Founder, WordictIP, Hyderabad (10 July, 2020).
- Mr. Nevin Jacob Koshy, Partner, United Trademark and Patent Services, Dubai on the current situation of IPR filing and protection during COVID-19 (20 July, 2020).
- Webinar on "Changing Dynamics of Technology Transfer in IP Pre and Post Pandemic Scenario" by Prof. (Dr.) Gargi Chakrabarti, Research Fellow, Max Planck Institute of Innovation and Competition, Munich, Germany & Associate Professor, NLU Jodhpur, Adv. Ayush Sharma, Advocate-on-Record, Supreme Court of India & Adv. Abhishek Malhotra Managing Partner, TMT Law Practices, New Delhi (20th June, 2020).
- A session in online FDP was conducted on the topic "*Litigation in IPR*" by Mr Ashok Ram Kumar Advocate, High Court of Telangana on 10th May, 2020.
- Mr. Dilip Sharma presented a paper titled Artificial Intelligence and Intellectual Property Rights: Issues and Road Ahead at 5th Asian IP Works-in-Progress Conference, City University of Hong Kong (9-10 January, 2020) and was honoured with the prestigious 'Young Asian IP Scholar Award, 2020' and was granted a scholarship of 580 SGD.
- Mr. Dilip Sharma presented a paper titled "Revisiting Intellectual Property Paradigm in the Era of Artificial Intelligence" at the Second IP & Innovation Researchers of Asia (IPIRA) Conference held at Faculty of Law, University of Indonesia on 27 - 29 Feb, 2020 and was granted a Scholarship of 1000 Swiss Francs by the World Intellectual Property Organisation (WIPO).
- Guest Lecture by Mr. Yogesh Pai, Assistant Professor, NLU, Delhi on the topic
 'IPR and IP management for innovation and start-up' (28th February 2020).
- Dr. Veena, Mr. Dilip Sharma, Mr. Neelesh Shukla and Mr. DVN Murthy visited IFB Hyderabad as guest speakers for 'One day training program on IPR and Forest Laws'.

- Mr. Ashok Ram Kumar, Advocate, Senior Partner, IP Markets, Hyderabad delivered a guest lecture on 'IPR: Inevitable Vulnerability and Prophylactic Measures' during faculty development program on 19th December, 2019.
- Prof. GB Reddy, Osmania University, Hyderabad delivered a guest lecture on 'Academic integrity and IPR' on 29th October, 2019.
- Mr. Dilip Sharma delivered a faculty seminar on the topic 'Intellectual property aspects of artificial intelligence' in August, 2019.

Previous Events –

- Ms. Rukmini Desai delivered a Faculty Seminar on 'Parallel Imports and Trademark Laws in India'.
- Dr. P. Jayanthi delivered a Faculty Seminar on 'copyrights infringement in India: with reference to doctrine of fair use'.
- Dr. Veena delivered a Faculty Seminar on 'Compulsory licensing challenges under patent laws' on.
- Mr. Vijay Kumar Makyam, Advocate, Senior Partner, IP Markets, Hyderabad delivered a lecture on 'Intellectual Property Audit'.
- Mr. Ashok Ram Kumar, Advocate, Senior Partner, IP Markets, Hyderabad delivered a guest lecture on 'IPR Litigation and Market Practical Approach'.
- Prof. Sohini Banerjee organized a one-day refresher course for advocates on 'Revisiting IPR regime and legal technicalities'.
- Dr. S.V. Damodar Reddy delivered a lecture on 'Protection of domain names under the intellectual property rights regime'.

Future action plans –

- Two Day National Virtual/E-Conference on IPR in October, 2020.
- Organize one-week refresher training program for senior forest officers on 'Intellectual Property Rights: Forest and Trade'.
- Undertake research projects focused upon contemporary issues of relevance on intellectual property rights with the help of seed money granted by IFHE.
- Provide assistance in registration of geographical indications in Hyderabad –
 Planning to approach for Osmania biscuit post COVID situation.
- Organize a training program for junior advocates on trademark filing and infringement.

- To start diploma program on 'Intellectual property laws' for students, academicians and professionals.
- Identify and provide help to performers association in protection of their performers right.
- Collaborate with BMCs and local indigenous communities to protect the rights and interest of indigenous communities.
- To collaborate with various government organizations to promote and achieve the goal of 'Make in India'.
- Provide consultancy services to inventors, creators and entrepreneurs for the filing, registration, commercialization and management of intellectual property assets.
- Organize guest lectures to sensitize intellectual property awareness for members of incubation centre.
- Establish MHRD-DIPP IPR Chair at ICFAI Law School, Hyderabad by 2021.

35.09 Faculty Development Programs by ATAL Academy

(Dr. M Bhaskar Rao will brief the meeting)

AICTE established **AICTE Training and Learning (ATAL) Academy** to offer unique faculty development programs (FDPs) in various thrust areas of modern technology. These programs are aimed at benefitting faculty members, research scholars and PG students. The first ATAL Academy and NWRO of AICTE in Jaipur was established in September 2018. Since then ATAL Academies have been conducting FDPs. During the year 2019-20 a total of 185 FDPs were conducted. ATAL Academy has scaled up its FDP initiative during the year 2020-21 by offering over 461 FDPs across the country. During the current year most of the programs are being held online.

ATAL Academy's vision is "To empower faculty to achieve goals of Higher Education such as access, equity and quality."

The objectives of ATAL Academy are -

- To set up an Academy which will plan and help in imparting quality technical education in the country.
- To support technical institutions in fostering research, innovation and entrepreneurship through training.
- To stress upon empowering technical teachers & technicians using Information & Communication Technology.
- To utilize SWAYAM platform and other resource for the delivery of trainings.
- To provide a variety of opportunities for training and exchange of experiences such as workshops, orientations, learning communities, peer mentoring and other faculty development programmes.
- To support policy makers for incorporating training as per requirements.

Thrust & Emerging Areas (only areas relevant to IFHE are mentioned here)

AICTE has identified the following areas for FDPs:

Thrust areas	9	Artificial Intelligence, Internet of Things (IoT), Block chain, Robotics, Quantum Computing, Data Sciences, Cyber Security, 3D Printing & Design, Augmented Reality (AR)/ Virtual Reality (VR)	
Engineering	52	Systems Engineering, Sustainability Engineering, Computer Science & Biology, Energy Engineering, Green Technology, Sustainability Engineering, Electrical & Computer Engineering, Strategic Civil Infrastructure, Coastal & Offshore Engineering, Smart Cities, Waste Technology, GIS & Remote Sensing, Construction Technology, Engineering Law, Climate Sciences, Mining & Mineral Processing,	

		Underground Space Utilization, Biosimilar Technology, Genome Engineering & Technology, Precision Health Technology, Control Systems, Sensors Technology, Infrastructure Engineering, Environmental Geotechnology, Earthquake Engineering, Waterways Transport Engineering, Lean Construction Technology, Aqua-food technology, Organ Printing Technology, Nutrition Technology, Drug Engineering, Cellular Agriculture, Sensors Technology, Electric Vehicles, Energy Storage, Magnetic Levitation, Photonics, Low cost desalination, Ontogenetic, Wearable Devices, Gamification, Telemedicine, Molecular Manufacturing, Alternate Fuels, Real Time Translation, Synthetic Biology, Bio-mimetic, Novel Materials, Lab on Chip, Cloud Technology, Digital Holography & 3D Imaging, Immersive Virtual Reality, Human Centre Computing, Design Thinking
Management	15	Technology Management, Real Estate Management, Event Management, Engineering Management, Artificial Intelligence, machine Learning and Deep Learning, Innovation Management (Innovation Lab/Incubators/prototype lab-with adequate machinery, 3D printers, for quick prototyping of student business ideas) Consulting, Heritage Management, Design thinking, Operations Management, Organizational Behaviour, Strategy, Management Information System, Social Enterprise Management, Sports Management
Life Skill Management	11	Productivity enhancement, Capacity Building, Leadership & Excellence, Emotional Intelligence, Team-building and Coordination, Perception & Decision making, Training for Social Connectedness & Inspiration, Personal Effectiveness, Stress-management, ROAD - Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making, Developing consciousness (Transcendental) Meditation.

ATAL Academies

#	ATAL Academy	FDPs planned	FDPs after Oct 20
1.	Bangalore	45	28
2.	Dehradun		
3.	Bhopal	40	23
4.	Chandigarh	45	31
5.	Chennai	83	32
6.	Guwahati	24	11
7.	Hyderabad	46	23
8.	Jaipur	17	10
9.	Kanpur	49	31

#	ATAL Academy	FDPs planned	FDPs after Oct 20
10.	Kolkata	19	10
11.	Mumbai	47	30
12.	Murthal		
13.	Patna		
14. Srinagar			
15.	Trivandrum	24	14
16.	Vadodara	22	16
	Total	461	259

Programs offer by RO, Hyderabad: Strategic civil infrastructure, Energy engineering, Data sciences, Data analysis using SPSS, Electrical computer engineering, Augmented reality, Design thinking, Engineering law, 3D printing and design, Artificial intelligence, Climate sciences, Stress management, Internet of things, Electric vehicles, Cloud technology, Rural entrepreneurship, Construction technology

Eligibility

The government funded institutions like IITs, IIMs, NITs, IITs, Central Universities, State Universities/Institutions, other government organizations and private organization/ institutions having NIRF up to 100 or NAAC grade "A+ and higher" or Departments of institutions having NBA accredited are eligible to apply for conducting FDPs.

Participants

The faculty members of the AICTE approved institutions, research scholars, PG Students, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions can participate in the ATAL Academy FDPs.

Participants have to register for a program when it is announced by an institution. A participant can register for only two programs.

Conditions

#	Item	Face-to-Face FDPs	Online FDPs
1.	Duration	5 days	5 days
2.	Limit for funding	Rs.2.10 lakhs	0.93 lakh
3.	No. of participants	Min 30	Max 200
4.	Participants		
5.	Test & Certificate	Compulsory with Min 60% marks	Compulsory with Min 60% marks
6.	Attendance	80%	80%

35.10 Allotment of NCC Unit to IFHE

(Col. Vishwanath will brief the meeting)

NCC 5th Bn (Telangana) has forwarded a letter dated 02 Sep 2020. The Head of the institution has to submit various certificates for allotment of NCC unit to IFHE. The gist of these Certificates is reproduced below:-

- a. Enrolment of sanctioned Strength of Cadets ie 80 and their regular attendance in parades as well as on Camps will be ensured by IFHE.
- b. Provision of accommodation as required for storage and Office purpose within the premises of IFHE will be provided.
- c. Allotment of NCC Unit is for minimum period of 10 years.
- d. Entire expenditure on Uniforms, Accoutrements, snacks etc for 80 cadets will be borne by IFHE.
- e. Camps will be conducted by NCC but the entire expenditure on camps will be borne by IFHE.
- f. ANO (Associate NCC Officer) will be nominated by IFHE. ANO will undergo a course in Kamptee, Near Nagpur for a Month.
- g. Rifle Range for firing practice will be provided by IFHE.

It is suggested that the application along with these undertakings should be submitted at the earliest.

35.11 Other Information Items

35.12 Any Other Items

35.13 Date for the Next Meeting

It is suggested to meet on December 31, 2020