



# **NEW HORIZON COLLEGE OF ENGINEERING**

New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

**PROCEEDINGS OF THE 13<sup>TH</sup>  
GOVERNING COUNCIL  
MEETING HELD ON  
19<sup>TH</sup> FEB 2020**



# NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC

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The Trust is a Recipient of Prestigious Rajyotsava State Award 2012 Conferred by the Government of Karnataka

Ref: NHCE/13 GCM/ 2019-20/

Date: 09/02/2020

To

All the members of the  
Governing Council NHCE

Sir,

Sub: Minutes of Meeting of 13<sup>th</sup> Governing Council Meeting.

13<sup>th</sup> Governing Council meeting is convened on 19/02/2020 at 10.30Am at Conference hall, New Horizon College of Engineering, Bangalore 560103. All the GC members are requested to please make it convenient to attend the meeting. Agenda points for the meeting enclosed for your perusal.

Thanking you

Yours faithfully,

Principal  
Dr. Manjunatha  
NHCE  
Bangalore

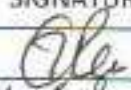
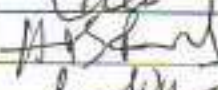





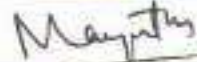
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# 13<sup>th</sup> GOVERNING COUNCIL MEETING NEW HORIZON COLLEGE OF ENGINEERING

## MINUTES OF THE MEETING:-

Minutes of the 13<sup>th</sup> Governing council meeting held on 19<sup>th</sup> February 2020 at 10.30AM at New Horizon College of Engineering, Bengaluru-560103.

## MEMBERS PRESENT:-

SL.NO	MEMBER	POSITION	SIGNATURE
1	Mrs. Renuka Manghnani	Chairperson	
2	Mr. H N Surya Prakash	Member	
3	Dr. R Bodhisatvan	Member	
4	Dr. Prashanth C S R	Member	
5	Dr. M. S. Ganesha Prasad	Member	
6	Dr. Vijilius H Raj	Member	
7	Mr. Gurucharan Singh	Member	
8	Dr. Mathew Maniwala	Member	-
9	Prof. H Devraj UGC Nominee	Member	-
10	AICTE Nominee	Member	-
11	DTE Nominee	Member	-
12	VTU Nominee	Member	-
13	Prof. T G Sitharam	Member	-
14	Dr. Manjunatha	Ex Officio Member Secretary	

## THE AGENDA FOR THE 13<sup>th</sup> G C MEETING ARE AS FOLLOWS:-

1. Review and Recording of minutes of previous meeting.
2. Calendar of events of the academic year 2019-20.
3. Approval of budget 2019-20.
4. Review and Ratification of appointments of Teaching Staff and Non- Teaching Staff.
5. Teaching learning process.
6. Review of Scheme and syllabus of BE, MCA, MBA, and M.Tech Programme.
7. Introduction of new UG Courses.
8. Review of R&D activities.
9. Review on preparation for NBA Tire-I Certification.
10. Study exchange programme under \*EK Bharat Shreshtha Bharat (EBSB) Programme as per AICTE requirements.
11. Status on earning of activity points for award of Degree to students.



12. Review of placement status.
13. Review of ODD semester result.
14. Review of Report on Induction Programme for I year BE students.
15. Sports and Achievements.

Principal Dr. Manjunatha, Member Secretary cordially welcomed all the members of the Governing Council Body. Principal presented the contents of the 13<sup>th</sup> Governing Council Agenda.

**Agenda Points:**

1. **Review and Recording of minutes of previous meeting (12<sup>th</sup> Meeting)**  
Principal with the permission of the Hon'ble Chairperson read out the minutes of the 12<sup>th</sup> G C Meeting.  
The following points were discussed
  - a. **Approval of the successful list of candidates of UG/PG programmes (AY 2018-19)**  
Principal informed that 1484 candidates have graduated during the year 2018-19 under UG and PG programmes. The members expressed their happiness with the performance of the students.
  - b. **Approval of the list of meritorious students of UG/PG Programmes (AY 2018-19)**  
Principal informed that 93 ranks were awarded to the students from all the departments. Same was appreciated by the members.  
  
All the G C Committee Members have unanimously passed the 12<sup>th</sup> G C meeting.
2. **Calendar of events of the Academic Year 2019-20**  
The calendar of events of all the department were reviewed and same is found to be in order. The council members have approved the same. Calendar of events for Academic Year 2019-20 enclosed as **Annexure- 1**.
3. **Approval of Budget 2019-20**  
The consolidated budget plan and actual expenses for the year 2018-19 were discussed and was ratified by the council. Further Principal has presented the detailed approved budget plan for the year 2019-20 of all the departments. All the council members have given their consent for the same.  
The consolidated budget plan for 2018-19 and the approved budget plan for the year 2019- 20 is enclosed as **Annexure -2**.
4. **Review and Ratification of appointments of the Teaching staff and Non – Teaching staff**  
The existing staff after resignation and maternity, additional staff required in addition to existing staff and the present status of recruitment of additional staff was reviewed and ratified by the council members.



**5. Teaching and Learning Process**

Dean Academics has presented in detail the teaching and learning process adopted in NHCE. The Council has ratified the teaching learning process as presented by Dean Academics. The teaching and learning process followed at NHCE is enclosed as **Annexure-3**.

**6. Review of scheme and syllabus of BE, MBA, MCA and M.Tech Programmes**

Dean Academics has presented the scheme and syllabus of BE, MBA, MCA and M.Tech Programmes and informed that same is approved by the Academic Council. Dean Academics further informed that the scheme and syllabus of all the programmes are uploaded in NHCE website.

The council of members have approved the same.

**7. Introduction of New UG Courses**

Principal announced that two new UG courses viz BE in Computer Engineering and BE in Artificial Intelligence and machine learning will be introduced from the academic year 2020-21 with an intake of 60 students from each department respectively. The council of members have expressed their happiness and approved the same.

**8. Review of R&D Activities**

Dean R&D has presented the R&D progress report for the year 2019-20

a. Patents

Patents filled - 60 Nos

Patents Published - 30 Nos

b. Sponsored Research Projects – 55 Nos (2018-19)

c. Consultancy projects – 108 Nos (2018-19)

The council members have expressed their happiness on the progress of R&D activities and ratified the same. The details of patents and research projects are at **Annexure-4**

**9. Review on Preparation of NBA Tire-1 Certification**

Principal informed that NHCE is applying for NBA Tire-1 Certification for the following branches

a. Mechanical Engineering

b. Civil Engineering

c. Electronic and Communication Engineering

d. Computer Science Engineering

Preparation for the accreditation is in progress. The first round of (i) Academic audit and (ii) General and Infrastructural Audit is already completed.

The Audit Schedule, Audit observation and suggestion made during the above audits are enclosed at **Annexure-5**.

The committee has expressed their happiness on the progress made.

**10. Study Exchange Programme under “Ek Bharat Shreshtha Bharat (EBSB) programme as per AICTE requirements.**

Principal informed that MHRD in association with AICTE have planned “Ek Bharat Shreshtha Bharat” programme. He further explained that this is a prime minister initiative to foster National Integrity through systematic exchange of students for higher education between paired states/ UT. Principal was happy to inform that

NHCE is selected for pairing with the institutions from pairing states and approval from the management is already obtained. The council members have expressed their happiness. The detail of the EBSB programme is enclosed as **Annexure-6**.

**11. Status on earning of activity points for award of Degree to students**

Principal informed that VTU in co-ordination with AICTE has created a unique mechanism of awarding activity points over and above the academic grades. The activity point to be earned by different category of students is as under.

Sl No	Student Category	Activity points prescribed by AICTE
1	Regular Student	100
2	Lateral Entry Student	75
3	Students transferred from other Universities to V Sem	50

Dean Academics informed that the guidelines for planning AICTE activity points are sent to all the department heads. The council members have approved for the same. The guideline for planning activity point for student is enclosed as **Annexure-7**.

**12. Review of Placement Status**

Director HRD presented the placement status of 2019-20 as on date. The placement status is as under

Placement Details				
Sl.No	Department	VII Sem Strength	No of Placement	% Placement
1	AU	55	10	18.18
2	BT	61	5	8.20
3	CSE	227	216	95.15
4	CIV	138	2	1.45
5	ECE	201	153	76.12
6	EEE	124	57	45.97
7	ISE	129	116	89.92
8	ME	200	52	26.00
9	MCA	122	49	40.16
10	M.Tech CS	7	2	28.57
		<b>1264</b>	<b>662</b>	<b>52.37</b>

The committee was very happy on the status of placement.

The students details are uploaded in college website.



### 13. Review of Odd Semester result

Chief of examiner has presented the odd semester end examination result analysis. The results were reviewed and ratified by the committee members. The overall percentage of the UG and PG programme are as under

#### UG Programme

Sl No	Semester	Overall %
1	I	83.04%
2	III	79.85%
3	V	85.50%
4	VII	90.57%

#### PG Programme

Sl No	Semester	Branch	Overall %
1	I	MBA	85.16%
2	I	MCA	89.89%
3	I	M.Tech	100.00%
4	III	MBA	98.29 %
5	III	MCA	96.19 %
6	III	M.Tech	100 %
7	V	MCA	95.87 %

The detailed result analysis of all the semester end exam is enclosed as **Annexure- 8**.

### 14. Review of Report on Induction Programme for I Year BE students

Principal informed that the induction programme for I year BE students was conducted as per the AICTE norms. He further read the main points of the report on the induction programme. All the council members were happy with the quality of programmes conducted for the induction programmes and same was ratified.

The report on Induction Programme is enclosed as **Annexure – 9**.

### 15. Sports Achievements

Principal read out the report on the sports achievements by the college for the year 2019-20 (Odd Semester). Principal informed the members that the college has participated in all the major sports activities and bagged trophies and brought laurels to the college. The detail of sports activities is uploaded in the NHCE website.

The members have congratulated the college students for their achievements.

The details are enclosed as **Annexure -10**.

  
Principal



# **ANNEXURE-2**



# **NEW HORIZON COLLEGE OF ENGINEERING**

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## **Academic Council Meeting**

**24<sup>th</sup> July, 2020**

Minutes of the Meeting

**VENUE:** Conference Room, Chhatrapati Shivaji Block/Online via Zoom

**TIME:** 02:00 pm

**NEW HORIZON COLLEGE OF ENGINEERING**

**ACADEMIC COUNCIL MEETING**

**AGENDA**

**Date: 24/07/2020**

**Venue: Conference Room, Chhatrapati Shivaji Block /Online via Zoom**

**Time: 02.00 pm**

- 1. Welcome address by the Chairman of the Academic Council**
- 2. Ratification of the scheme and syllabus of fifth and sixth semesters B.E program of the following branches as recommended by the respective BOS**
  - a. Automobile Engineering
  - b. Civil Engineering
  - c. Computer Science and Engineering
  - d. Electronics and Communication Engineering
  - e. Electrical and Electronics Engineering
  - f. Information Science and Engineering
  - g. Mechanical Engineering
- 3. Ratification of the scheme and syllabus of the third and fourth semesters MBA (2019 batch)**
- 4. Ratification of the scheme and syllabus of the first and second semesters MBA (2020 batch)**
- 5. Ratification of the scheme and syllabus of the fifth and sixth semesters MCA (2018 batch)**
- 6. Ratification of the scheme and syllabus of the first and second semesters MCA (2020 batch)**
- 7. Ratification of the scheme and syllabus of the third and fourth semesters M.Tech in Computer Science and Engineering (2019 batch)**
- 8. Ratification of the scheme and syllabus of the third and fourth semesters M.Tech in Cyber Forensics and Information Security (2019 batch)**
- 9. Ratification of the scheme and syllabus of the third and fourth semesters M.Tech Machine Design (2019 batch)**



10. Ratification of the scheme and syllabus of the first and second semesters M.Tech Machine Design (2020batch)
11. Ratification of the Odd Semester 2019results.
12. Ratification of Final Year SEE question papers of UG and PG programs as recommended by the respectiveBOEs
13. Preparatory classes for 8<sup>th</sup> semester B.Estudents.
14. SEE exams for final year UG and PGstudents.
15. Mode of conduction of theory and practical SEExams.
16. Mode of conduction of Project viva, Internship viva andSeminar.
17. Supplementary semester for 8<sup>th</sup> semester B.Estudents.
18. Supplementary semester for the current first year, second year and third year B.Estudents.
19. Advancing of intermediate semester students to the higher semester based on the VTU formula.
20. Providing Intermediate semester students with an option to improve their grades in the subsequentsemester.
21. Finalgradesoftheyear-backstudentswhohavere-registeredforcoursetoregaineligibility
22. Finalgradesofthecurrentstudentswhohavere-registeredforcoursetocleartheirbacklogs
23. FormaladoptionoftheVTUactivitypointsvide:**VTU/BGM/Aca-OS/Gen-Cirs/2019-20/3014, dated01/08/2019**
24. Formal adoption of the guidelines for awarding B.E Honors Degree. vide:  
**VTU/BGM/OS- Aca/2020-21/369**
25. Formal adoption of UGC guidelines dated 6/07/2020 vide: **D.O.No.F.1-1/2020(Secy)**
26. Discussion on the two new Undergraduate B.E programs w.e.f AY2020-21
  - a. B.E in Artificial Intelligence and MachineLearning
  - b. B.E in ComputerEngineering
27. NBA Pre-Qualifier submitted for CSE, CIV, ECE and MEPrograms.
28. Commencement of classes- Academic year 2020-21, and the mode ofconduction.
29. Forum would be open for further discussion andadvice.
30. **Vote of Thanks by MemberSecretary**  
**Members of the Academic Council**

Sl No.	Category	Sl No.	Name
I	Principal of the College - Chairman	1	Dr. Manjunatha
II	All Heads of the Dept. - Members	1	Dr. M S Ganesh Prasad
		2	Dr. Niranjan P S
		3	Dr. B Rajalakshmi
		4	Dr. Sanjeev Sharma
		5	Dr. Ram Kumar S
		6	Dr. R. J. Anandhi
		7	Dr. Shridhar Kurse
		8	Dr. Ananda Vardhan
		9	Dr. Revathi V
		10	Dr. Anusuya Devi V S
		11	Dr. Asha V
		12	Dr. Sheelan Misra
		13	Dr. Srinivasa G
		14	Dr. Sowmya Narayanan
III	Controller of Examination	1	Dr. Vijilius H Raj
IV	Teachers of the College representing different level of teaching staff	1	Dr. Mohan Kumar
		2	Prof. Aravinda
		3	Dr. Adhikari
		4	Dr. A R Sainath
V	Experts from outside the college representing areas such as industry, R&D, Tech. Edn	1	Dr. Krishnan - PESIT
		2	Mr. Ashish - Skyfi lab
		3	S K L N Prasanna, Guhring Industries, TT - Head, Bangalore
		4	Dr. Sanjay Gupta, Director Innovation Council, Dell Services
		5	Ajit Kumar Padhi, Director Operation, NASSCOM
VI	Nominees of University (VTU)	1	Dr. Shadashivegowda, Principal- Vidya Vardhaka College of Engineering, Mysuru
		2	Dr. Shivyoginath, Prof., Dept. of Civil Engineering, Basaveswara Engineering College, Bagalkot
		3	Dr. Mary Cherian, Prof., Dept. of CSE, Dr. A.I.T. Bangalore
VII	Dean Academics - Member Secretary	1	Dr. Prashanth C S R

## **MINUTES OF THE MEETING**

### **AGENDA 1**

#### **Welcome address by the Chairman of the Academic Council**

The Chairman of the Academic Council formally welcomed all the members of the council and requested the Member Secretary to continue with the proceedings.

### **AGENDA 2**

#### **Ratification of the scheme and syllabus of fifth and sixth semesters B.E program of the following branches as recommended by the respective BOS**

- a. Automobile Engineering**
  - b. Civil Engineering**
  - c. Computer Science and Engineering**
  - d. Electronics and Communication Engineering**
  - e. Electrical and Electronics Engineering**
  - f. Information Science and Engineering**
  - g. Mechanical Engineering**
- The Dean-Academics presented the scheme and syllabus of the aforementioned branches as per the VTU guidelines (175 credits).
  - It was also suggested by Dr. Shadashive Gowda, Principal VVCE that it would be better if the percentage of deviation from that of the previous scheme is shared in the next meeting.

### **AGENDA 3**

#### **Ratification of the scheme and syllabus of the third and fourth semesters MBA (2019 batch)**

- The scheme of the third and fourth semesters MBA (2019 batch) was presented by the Dean-Academics.
- Dr. Sheelan Mishra, HOD-MBA also briefed about the newly introduced concepts in digital marketing.



#### **AGENDA 4**

##### **Ratification of the scheme and syllabus of the first and second semesters MBA (2020batch)**

- The scheme and syllabus of the first and second semesters MBA (2020 Batch) was presented by the Dean-Academics.
- The Chairman of the Academic Council asked HOD-MBA to get in touch with Vidya Vardhaka College of Engineering, Mysuru and understand about the leadership training provided in Dehradun and also to check about the Legacy Center in Chikballapur.

#### **AGENDA 5**

##### **Ratification of the scheme and syllabus of the fifth and sixth semesters MCA (2018batch)**

- Dean- Academics presented the scheme and syllabus of the fifth and sixth semesters MCA (2018 Batch-132 credits) and the same was approved by the academic council.

#### **AGENDA 6**

##### **Ratification of the scheme and syllabus of the first and second semesters MCA (2020batch)**

- The scheme and syllabus of the first and second semesters MCA (2 year program- 100 credits) was presented by the Dean-Academics.
- Dr. Asha, HOD- MCA also briefed about the newly proposed two year MCA program.
- It was also suggested by The Principal of VVCE to split the 1 credit given to Lifeskills Professional- 2 in the second semester and allocate 0.5 credits each to Lifeskills Professional- 1 (in the first semester) and Lifeskills professional- 2 (in the second semester), if regulations permits.
- Principal instructed Dr. Asha, HOD- MCA to discuss about the above suggestion with Dean-Academics and Life skills HOD.

## **AGENDA 7**

### **Ratification of the scheme and syllabus of the third and fourth semesters M.Tech in Computer Science and Engineering (2019 batch)**

The scheme and syllabus of the third and fourth semesters M.Tech in Computer Science and Engineering (2019 batch) was ratified by the academic council.

## **AGENDA 8**

### **Ratification of the scheme and syllabus of the third and fourth semesters M.Tech in Cyber Forensics and Information Security (2019 batch)**

The scheme and syllabus of the third and fourth semesters M.Tech in Cyber Forensics and Information Security (2019 batch) was ratified by the academic council.

## **AGENDA 9**

### **Ratification of the scheme and syllabus of the third and fourth semesters M.Tech Machine Design (2019 batch)**

The scheme and syllabus of the third and fourth semesters M.Tech Machine Design (2019 batch) was approved by the academic council.

## **AGENDA 10**

### **Ratification of the scheme and syllabus of the first and second semesters M.Tech Machine Design (2020 batch)**

- The scheme and syllabus of the first and second semesters M.Tech Machine Design (2020 batch) was approved by the members of the Academic Council.
- It was also suggested to permit M.Tech students to take equivalent online courses.

## **AGENDA 11**

## **Ratification of the Odd Semester 2019 results**

The Controller of Examination presented the Odd Semester 2019 results of:

- B.E - 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup> and 8<sup>th</sup> Semesters.
- MBA- 1<sup>st</sup> and 3<sup>rd</sup> Semesters.
- MCA- 1<sup>st</sup>, 3<sup>rd</sup> and 5<sup>th</sup> Semesters.
- M.Tech – 1<sup>st</sup> Semester of Computer Science Engineering, Cyber Forensics and Information Security and Machine Design.
- M.Tech -3<sup>rd</sup> Semester of Computer Science Engineering and Machine Design.

## **AGENDA 12**

### **Ratification of Final Year SEE question papers of UG and PG programs as recommended by the respective BOEs**

The Controller of Examination briefed on the Final year SEE question papers of UG and PG programs scrutinized by the respective BOEs during the Board of Examination meeting (BOE) held from 22<sup>nd</sup> May 2020 onwards.

## **AGENDA 13**

### **Preparatory classes for 8<sup>th</sup> semester B.E students**

The Controller of Examination informed that preparatory online classes for all final year students (B.E, M.Tech, MBA & MCA) will be conducted from 1<sup>st</sup> August 2020 to 14<sup>th</sup> Aug 2020, however attendance is not mandatory.

## **AGENDA 14**

### **SEE exams for final year UG and PG students**

The Controller of Examination informed that SEE exams for final year UG and PG students has been scheduled from 17<sup>th</sup> August 2020, which will be conducted as a proctored online examinations as per the instructions of VTU.

## **AGENDA 15**

### **Mode of conduction of theory and practical SEE exams**

- The Controller of Examination briefed about the proctored online exam that will be conducted through Contineo Software.
- Principal also explained the entire procedure and the adoption of standard operating procedures (SOP) during the examination.
- It was also informed that if students are willing to write exams offline, students are to be present one hour before the commencement of the exam.
- It was informed to ensure that prescribed contact hours have to be completed, else it was decided to extend the last working day.

### **AGENDA 16**

#### **Mode of conduction of Project viva, Internship viva and Seminar**

The Controller of Examination informed that Project viva, Internship and Seminar will be conducted online.

### **AGENDA 17**

#### **Supplementary semester for 8th semester B.E students**

The Controller of the Examination informed that:

- The classes for the supplementary semester will be conducted through an online platform from 1st Aug 2020 to 30th Aug 2020, for which CIE and attendance are mandatory.
- The detailed schedule and timetable for the classes will be announced by the respective departments.
- Supplementary Examinations will be scheduled in September 2020, where Theory Examination will be conducted as a proctored online Examination and Practical Examination will be conducted as offline (in NHCE Campus) as per the instruction of VTU.
- If a student fails to appear for the SEE practical Examination in person then the particular course will be assigned as F grade (fail grade) as per university norms.

### **AGENDA 18**



## **Supplementary semester for the current first year, second year and third year B.E students**

The Controller of Examinations informed that Supplementary semester classes for the current first year, second year and third year B.E students will commence from 1<sup>st</sup> August, 2020.

### **AGENDA 19**

#### **Advancing of intermediate semester students to the higher semester based on the VTU formula**

- The Controller of Examinations informed that the intermediate semester students of B.E 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> Semesters, MBA and M.Tech 2<sup>nd</sup> and 4<sup>th</sup> Semesters, and MCA 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> semesters will be advanced to the higher semesters based on their current CIE marks and the previous semester's SEE performance in accordance to the formula that will be shared by VTU.
- The Principal asked the Controller of the Examinations to update about the COE's meeting with other autonomous colleges that is scheduled be held on 25<sup>th</sup> July 2020.

### **AGENDA 20**

#### **Providing Intermediate semester students with an option to improve their grades in the subsequent semester**

It was decided to follow VTU guidelines in providing Intermediate semester students with an option to improve their grades in the subsequent semester.

### **AGENDA 21**

#### **Final grades of the year-back students who have re-registered for courses to regain eligibility**

- It was decided to conduct the SEE of re-registered students along with the SEE of the 8<sup>th</sup> semester students and the members approved the same.

## **AGENDA 22**

### **Final grades of the current students who have re-registered for courses to clear their backlogs**

- It was decided to conduct online supplementary exams for the re-registered students to clear their backlogs.
- Principal also instructed the Controller of Examinations to ensure that all the students with backlog courses are registered for supplementary semester.

## **AGENDA 23**

### **Formal adoption of the VTU activity points vide: VTU/BGM/Aca-OS/Gen-Cirs/2019-20/3014, dated 01/08/2019.**

Dean-Academics briefed the members on the VTU guidelines on activity points vide: VTU/BGM/Aca-OS/Gen-Cirs/2019-20/3014, dated 01/08/2019. After a brief discussion the VTU guidelines on activity points was approved by all the members.

## **AGENDA 24**

### **Formal adoption of the guidelines for awarding B.E Honors Degree vide: VTU/BGM/OS- Aca/2020-21/369**

Dean-Academics briefed the members on the VTU guidelines on awarding B.E Honors Degree vide: VTU/BGM/OS- Aca/2020-21/369. After a brief discussion the VTU guidelines on awarding B.E Honours Degree was approved by all the members. It was also decided to incorporate the same in the Student Handbook.

## **AGENDA 25**

### **Formal adoption of UGC guidelines dated 6/07/2020 vide: D.O.No.F.1-1/2020(Secy).**

Dean-Academics briefed the members on UGC guidelines dated 6/07/2020 vide: D.O.No.F.1-1/2020 (Secy). After a brief discussion, the adoption of UGC guidelines dated

6/07/2020 vide: D.O.No.F.1-1/2020 (Secy) was approved by all the members of the Academic Council.

#### **AGENDA 26**

##### **Discussion on the two new Undergraduate B.E programs w.e.f AY2020-21**

###### **a. B.E in Artificial Intelligence and Machine Learning**

###### **b. B.E in Computer Engineering**

- The Principal informed all the members about the approval received from AICTE for the introduction of the two new undergraduate B.E program.
- All the members congratulated on the same.

#### **AGENDA 27**

##### **NBA Pre-Qualifier submitted for CSE, CIV, ECE and ME Programs**

The Dean-ME informed that the NBA Tier 1 Pre-Qualifier for CSE, CIV, ECE and ME Programs was submitted on the birthday of our Hon'ble Chairman NHEI, on 7<sup>th</sup> July, 2020.

#### **AGENDA 28**

##### **Commencement of classes- Academic year 2020-21, and the mode of conduction**

- It was decided to commence classes for the Academic Year 2020-21 from September 2020 as per the Calendar of Events shared by the VTU.
- It was also decided to strictly adopt VTU guidelines and to conduct classes either offline or online based on the prevailing situation of COVID-19.

#### **AGENDA 29**

##### **Forum would be open for further discussion and advice**

Members expressed overall satisfaction at the curriculum and the evaluation process.

## **AGENDA 30**

### **Vote of Thanks by Member Secretary**

The Member secretary expressed his sincere thanks towards all the members for attending the meeting and also for their valuable inputs. The Chairman of the Academic council once again thanked all the members and formally concluded the meeting.

\*\*\*\*\*





A grid of Zoom meeting participants. The top row shows five video thumbnails with names: SADASHIVE GOW., NHCE Web Confer..., Sheelan Misra, Vijilius Raj..., and SOWMYA NAR... Below this are several name cards with initials: P S NIRANJAN (S), Pamela Vinita (P), Sainath AR (S), EEE Department (A), Ranjan Manish (M), Dr. Ananda Vir... (D), Dr. Priyabrata A. (D), Shridhar Kurse (S), Anandhi RJ (A), Aravinda Koithy... (A), Asha V (A), Sanjeev Sharma (S), Revathi V (R), Sanjeev Sharma (S), maary cherian (M), and Anusuya Vanda... (A).

Zoom Group Chat

I am facing some connectivity issues here only, kindly bear with me

From Sheelan Misra to Everyone:  
Hello Dr. Cherian, Hope you doing great.  
Connection this side is stable.

From maary cheri... to Everyone:  
good thank you

From maary cheri... to Everyone:  
in the newly introduces  
d on lab for mca is it a programming  
or simulation lab

From Asha V to Everyone:  
In 1 Sem MCA curriculum, CN Lab has  
got two parts, Part 1 is Socket  
Programming and Part 2 is NS2  
Simulation. Thank you

From maary cheri... to Everyone:  
Which software you are using to  
conduct on line exam

From maary cheri... to Everyone:  
how the new course computer engg  
differ from cse

To: Everyone

Type message here...



# **ANNEXURE-3**

**NEW HORIZON COLLEGE OF ENGINEERING**  
**CALENDAR OF EVENTS FOR ODD SEM 2020-21**  
**B.E (III, V & VII SEM), MCA (III & V SEM), MBA (III SEM) & M.TECH (III SEM)**

Commencement: 01.09.2020

Last Working Day: 12.12.2020

MONTH	Week No.	MON	TUE	WED	THU	FRI	SAT	SUN	Events/Holidays	Activities (Internal Tests, Quiz & Others)
SEP	1		1	2	3	4	5	6	1st - Commencement of Regular Classes	
	2	7	8	9	10	11	12	13		
	3	14	15	16	17	18	19	20	17th - Mahalaya Amavasya	
	4	21	22	23	24	25	26	27		
	5									28th, 29th & 30th - 1st Internals
OCT	5				1	2	3	4	2nd - Gandhi Jayanthi	
	6	5	6	7	8	9	10	11		
	7	12	13	14	15	16	17	18		
	8	19	20	21	22	23	24	25		
	9					26	27	28	29	26th - Vijayadashami, 30th - Id Milad
NOV	9							1		
	10	2	3	4	5	6	7	8		
	11	9	10	11	12	13	14	15	14th - Naraka Chaturdashi	
	12	16	17	18	19	20	21	22	16th - Deepavali/ Balipadyami	
	13	23	24	25	26	27	28	29		26th, 27th & 28th - 3rd Internals
DEC	14	30								
	14		1	2	3	4	5	6		
	15	7	8	9	10	11	12	13	12th - Last Working Day	
	16	14	15	16	17	18	19	20	14th - 19th Dec SEE Practical Exam	
	17	21	22	23	24	25	26	27	25th - Christmas Holiday	
JAN	18	28	29	30	31					
	19					1	2	3	21st Dec - 8th Jan SEE Theory Exam	
	20	4	5	6	7	8	9	10		
<b>Note:</b>										
1. No Separate Circulars will be issued regarding Activities mentioned above.										
2. The Industrial Visits and Guest Lectures shall be arranged on Weekends.										
3. Internal Tests / Quiz / Assignments / Workshops / Seminars / Conference / Guest Lectures / BOS / BOE Meetings to be included in the department calender.										
4. Holidays*- Refer list of Holidays for year 2020.										

DEAN ACADEMICS

PRINCIPAL

NOTE	
Commencement / Closing Dates	01.09.2020 / 12.12.2020
Holidays	
Internal Tests	
Sargam	
Graduation Day	
Semester End Exam (Practical Exams/Mini Projects/Seminars)	
Semester End Exam (Theory)	



# Visvesvaraya Technological University

"Jnana Sangama" Belagavi-590018, Karnataka State, India

**Dr. A. S. Deshpande** B.E., M.Tech., Ph.D.  
Registrar

Phone: (0831) 2498100  
Fax: (0831) 2405467

Ref: VTU/Aca/A-9/2019-20/ 1195

Dated: 13 JUL 2020

## NOTIFICATION

**Subject:** Tentative Academic Calendar for ODD semester 2020-21 regarding...

**Reference:** AICTE letter AICTE/AB/Academic Calendar/2020-21, dated 07.07.2020

Tentative Academic Calendar for I semester B.E./B.Tech./B.Arch./B.Plan., III, V, VII semesters of B.E./B.Tech./B.Arch./B.Plan., IX semester of B.Arch., III and V semester of MCA and III semester of MBA, M.Tech., M.Arch., for the Academic Year 2020-21 is hereby notified as enclosed. The Principals of Affiliated, Constituent and Autonomous Engineering Colleges are hereby informed to bring the contents of this Notification to the notice of all the concerned.

Sd/-

REGISTRAR

Encl: Academic Calendar for odd semester for A/Y 2020-21

To,

1. The Principals of all affiliated/ constituent /Autonomous Engineering Colleges under the ambit of VTU Belagavi.
2. The Chairpersons of all Departments, Centres for PG Studies in Belagavi, Kalaburgi, Muddenahalli, and Mysore.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Special Officer CNC VTU Belagavi for uploading on VTU website
5. PS to Registrar VTU Belagavi
6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

13.7.2020  
REGISTRAR

## Tentative Academic Calendar of VTU, Belagavi for ODD Semester of 2020-2021

	I Sem B. E. / B. Tech. / B. Arch./B.Plan	I sem M.Tech./MBA /MCA/M.Arch.	III, V & VII Sem B. E. /B. Tech./B.Plan/ B.Arch & IX Sem B. Arch.	III & V Sem MCA	III Sem MBA	III Sem M, Tech.	III Sem M. Arch.
Commencement of ODD Semester			01.09.2020	01.09.2020	01.09.2020	01.09.2020	01.09.2020
Last Working day of ODD Semester			17.12.2020	17.12.2020	17.12.2020	17.12.2020	17.12.2020
Practical Examinations	Will be announced later	Will be announced later	21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020	21.12.2020 To 31.12.2020
Theory Examinations			04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021	04.01.2021 To 23.01.2021
Internship Viva-Voce			-	-	-	-	-
Professional training / Organization study			-	-	-	-	-
Commencement of EVEN Semester			08.02.2021	08.02.2021	08.02.2021	22.02.2021	08.02.2021

**NOTE**

- VII Semester B. E / B. Tech students shall have to undergo INTERNSHIP as per circular of University VTU/Aca/2019-20/85, dated 12.05.2020.
- I Semester B. E/ B. Tech / B. Arch Students shall compulsorily undergo Induction Program for a period of 3 Weeks as per the schedule given by VTU Belagavi
- The classroom sessions for all the higher semesters would be commencing from 01.09.2020(Tentative) in ONLINE mode until further orders.
- The Institute needs to function for six days a week with additional hours.
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
- Notification regarding Calendar of Events relating to the conduct of University Examinations will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar may be modified based on guidelines/directions issued in future by MHRD/UGC/AICTE/State Government.

  
**REGISTRAR**  




ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, "ಜ್ಞಾನಸಂಗಮ ಆವರಣ", ಬೆಳಗಾವಿ  
Visvesvaraya Technological University, "Jnana Sangama"  
Belagavi - 590 018, Karnataka State

Prof. A.S.Deshpande B.E., M.Tech., Ph.D  
REGISTRAR

Phone : (0831) 2498100

Fax : (0831) 2405467

Ref. No.: VTU/Aca/2019-20/ ೪೫

Date: 12 MAY 2020

### Internship - Circular

This is in continuation to the UGC letter dated 29/04/2020 vide which the guidelines on examinations and calendar were issued. It was made clear that the guidelines are advisory in nature . The said guidelines also provide a framework for internship etc. However, keeping in view the current situation of lock down across the country due to Covid-19, the colleges may also take following measures for internship and other related activities:

1. Allow the students to take up 'online internships/ activities' including the activities that can be carried out digitally or otherwise from home.
2. Engage them to work as interns on ongoing projects.
3. Delay the start date for internship.
4. Reduce the period of internship clubbing with assignments etc.

  
Registrar

To,

- 1) The Principals of all the affiliated , Constituent and Autonomous colleges of VTU.

# **ANNEXURE-4**

**NEW HORIZON COLLEGE OF ENGINEERING**  
**BUDGET FOR THE YEAR 2020-21**

INCOME	AMOUNT (Rs.)	EXPENDITURE	AMOUNT (Rs.)
Fees	650000000	Salary & Other Allowances	435000000
		Advertisement	1650000
		Admission Expenses	13000000
		Autonomous Exam Expenses	13500000
		Audit Fees	1100000
		Diesel & Petrol	6065000
		Charitiy Expenes	650000
		Examination Fees paid to University/KMAT/AIMA	8250000
		Festivals and Celebrations	14000000
		University Fees - Regn/Renewal/Etc.,	13500000
		Membership & Subscription	1050000
		E - Journal Subscription	2200000
		Merit Prizes & Momentos	2000000
		Printing & Stationery	4000000
		Repairs & Maintenance	55000000
		Property Tax	5000000
		Building Insurance	265000
		Sports Expenses	600000
		Management Scholarship to Meritorious students	9500000
		Global & Professional Students Training	16500000
		Students PDP & Placement Training	8200000
		Travelling & conveyance	1100000
		Workshop & Conference	2750000
		Other Expenses	8500000
		<b>CAPITAL EXPENDITURE</b>	
		Building - Constructions	4000000
		Computers	2625000
		Lcd	1575000
		Electrical Equipments	2500000
		Furniture & Fixture	2500000
		Lab Equipments	3150000
		Library Books & Subscriptions	892500
		Office Equipment	2100000
		Software	2625000
		Vehicle	2625000
		Miscellaneous Assets	1050000
		Sports Equipment	630000
		Funds Transferred to Trust Books	347500
<b>TOTAL</b>	<b>650000000</b>	<b>TOTAL</b>	<b>650000000</b>

  
 Principal  
 New Horizon College of Engineering  
 Outer Ring Road, Bellandur Post,  
 Bangalore- 560 102.



**New Horizon College of Engineering  
Consolidated Budget Plan**

S.No	Dept	2020-21	
		By Dept	Budget allocated
1	Auto	89,00,000.00	79,50,000.00
2	BSH	95,00,000.00	80,50,000.00
3	Civil	1,06,00,000.00	94,00,000.00
4	CSE	2,46,50,000.00	2,07,50,000.00
5	ECE	2,43,50,000.00	1,89,50,000.00
6	EEE	95,00,000.00	85,00,000.00
7	ISE	1,02,00,000.00	90,50,000.00
8	MEE	1,06,50,000.00	96,00,000.00
9	MBA	1,05,50,000.00	97,50,000.00
10	MCA	1,20,50,000.00	1,06,00,000.00
11	Library	60,55,000.00	57,55,000.00
12	Buildings, Office & General	2,00,00,000.00	2,00,00,000.00
<b>Total</b>		<b>15,70,05,000.00</b>	<b>13,83,55,000.00</b>

*Mayur*

**PRINCIPAL**

Principal

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore 560 103.

*(Signature)*


**DIRECTOR FINANCE & ACCOUNTS**



**NEW HORIZON COLLEGE OF ENGINEERING  
AUTOMOBILE DEPARTMENT  
BUDGET PLAN FOR THE YEAR 2020 -21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	4,00,000.00	3,50,000.00
	b. Annual Maintenance for the labs	3,00,000.00	2,50,000.00
	c. Magazines	3,00,000.00	3,00,000.00
	d. Annual Maintenance contracts	3,00,000.00	3,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>	<b>12,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	21,00,000.00	17,50,000.00
	b. Replacement of Equipments	3,50,000.00	3,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	7,00,000.00	6,00,000.00
	d. Purchase of New furnitures	6,50,000.00	4,00,000.00
	e. Purchase of New Books for Dept.,Library	1,50,000.00	1,50,000.00
	<b>Sub Total</b>	<b>39,50,000.00</b>	<b>32,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	3,00,000.00	3,00,000.00
	b. Conduction of Seminars	1,50,000.00	1,50,000.00
	c. Conduction of Conferences	3,00,000.00	3,00,000.00
	d. Conduction of Tech Fest	2,00,000.00	2,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	2,50,000.00	2,50,000.00
	f. TA / DA for the Faculty Members	2,00,000.00	2,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,00,000.00	2,00,000.00
	h. TA / DA for the students	2,00,000.00	1,50,000.00
	i. International tours planned	8,00,000.00	8,00,000.00
	j. Industrial Visits planned	3,50,000.00	3,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00	1,00,000.00
	<b>Sub Total</b>	<b>30,50,000.00</b>	<b>29,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>		
	a. Recurring Cost	4,50,000.00	4,50,000.00
	b. Non - Recurring Cost	1,50,000.00	1,50,000.00
	<b>Sub Total</b>	<b>6,00,000.00</b>	<b>6,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>89,00,000.00</b>	<b>79,50,000.00</b>

  
PRINCIPAL

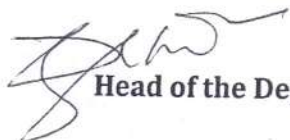
  
DIRECTOR FINANCE & ACCOUNTS

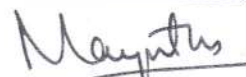


AUT

**NEW HORIZON COLLEGE OF ENGINEERING  
AUTOMOBILE DEPARTMENT  
BUDGET PLAN FOR THE YEAR 2020 -21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	4,00,000.00
	b. Annual Maintenance for the labs	3,00,000.00
	c. Magazines	3,00,000.00
	d. Annual Maintenance contracts	3,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	21,00,000.00
	b. Replacement of Equipments	3,50,000.00
	c. Purchase of New Software / Upgradation of existing Software	7,00,000.00
	d. Purchase of New furnitures	6,50,000.00
	e. Purchase of New Books for Dept.,Library	1,50,000.00
	<b>Sub Total</b>	<b>39,50,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	3,00,000.00
	b. Conduction of Seminars	1,50,000.00
	c. Conduction of Conferences	3,00,000.00
	d. Conduction of Tech Fest	2,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	2,50,000.00
	f. TA / DA for the Faculty Members	2,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,00,000.00
	h. TA / DA for the students	2,00,000.00
	i. International tours planned	8,00,000.00
	j. Industrial Visits planned	3,50,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00
	<b>Sub Total</b>	<b>30,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	4,50,000.00
	b. Non - Recurring Cost	1,50,000.00
	<b>Sub Total</b>	<b>6,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	<b>-</b>
	<b>Grand Total</b>	<b>89,00,000.00</b>

  
Head of the Department

  
Principal



**NEW HORIZON COLLEGE OF ENGINEERING  
BASIC SCIENCES & HUMANITIES  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	10,00,000.00	7,00,000.00
	b. Annual Maintenance for the labs	6,00,000.00	4,00,000.00
	c. Magazines	2,00,000.00	1,50,000.00
	d. Annual Maintenance contracts	3,00,000.00	3,00,000.00
	<b>Sub Total</b>	<b>21,00,000.00</b>	<b>15,50,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	12,00,000.00	10,00,000.00
	b. Replacement of Equipments	5,00,000.00	3,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	4,00,000.00	4,00,000.00
	d. Purchase of New furnitures	2,50,000.00	2,50,000.00
	e. Purchase of New Books for Dept.,Library	1,00,000.00	1,00,000.00
	<b>Sub Total</b>	<b>24,50,000.00</b>	<b>20,50,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	3,50,000.00	2,50,000.00
	b. Conduction of Seminars	2,50,000.00	2,00,000.00
	c. Conduction of Conferences	2,50,000.00	2,00,000.00
	d. Conduction of Tech Fest	1,50,000.00	1,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	2,50,000.00	2,00,000.00
	f. TA / DA for the Faculty Members	2,00,000.00	1,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,50,000.00	2,50,000.00
	h. TA / DA for the students	2,00,000.00	2,00,000.00
	i. International tours planned	-	-
	j. Industrial Visits planned	3,50,000.00	3,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00	1,00,000.00
	<b>Sub Total</b>	<b>24,50,000.00</b>	<b>19,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D ) ACTIVITIES</b>		
	a. Recurring Cost	15,00,000.00	15,00,000.00
	b. Non - Recurring Cost	10,00,000.00	10,00,000.00
	<b>Sub Total.</b>	<b>25,00,000.00</b>	<b>25,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>95,00,000.00</b>	<b>80,50,000.00</b>

*Mangath*  
PRINCIPAL

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore 560 103.

*[Signature]*  
DIRECTOR FINANCE & ACCOUNTS



BSH

**NEW HORIZON COLLEGE OF ENGINEERING  
BASIC SCIENCES & HUMANITIES  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	10,00,000.00
	b. Annual Maintenance for the labs	6,00,000.00
	c. Magazines	2,00,000.00
	d. Annual Maintenance contracts	3,00,000.00
	<b>Sub Total</b>	<b>21,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	12,00,000.00
	b. Replacement of Equipments	5,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	4,00,000.00
	d. Purchase of New furnitures	2,50,000.00
	e. Purchase of New Books for Dept.,Library	1,00,000.00
	<b>Sub Total</b>	<b>24,50,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	3,50,000.00
	b. Conduction of Seminars	2,50,000.00
	c. Conduction of Conferences	2,50,000.00
	d. Conduction of Tech Fest	1,50,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	2,50,000.00
	f. TA / DA for the Faculty Members	2,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,50,000.00
	h. TA / DA for the students	2,00,000.00
	i. International tours planned	-
	j. Industrial Visits planned	3,50,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00
	<b>Sub Total</b>	<b>24,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D ) ACTIVITIES</b>	
	a. Recurring Cost	15,00,000.00
	b. Non - Recurring Cost	10,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	<b>-</b>
	<b>Grand Total</b>	<b>95,00,000.00</b>

*Ravindra*

Head of the Department

*[Signature]*

*[Signature]*

*Mayur*

Principal

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore 560 103.



**NEW HORIZON COLLEGE OF ENGINEERING  
CIVIL ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020-21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	10,00,000.00	5,00,000.00
	b. Annual Maintenance for the labs	5,50,000.00	4,50,000.00
	c. Magazines	4,50,000.00	3,50,000.00
	d. Annual Maintenance contracts	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>	<b>18,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	12,00,000.00	10,00,000.00
	b. Replacement of Equipments	8,00,000.00	5,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	5,00,000.00	5,00,000.00
	d. Purchase of New furnitures	5,00,000.00	5,00,000.00
	e. Purchase of New Books for Dept.,Library	2,00,000.00	3,00,000.00
	<b>Sub Total</b>	<b>32,00,000.00</b>	<b>28,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	3,50,000.00	3,00,000.00
	b. Conduction of Seminars	3,00,000.00	3,00,000.00
	c. Conduction of Conferences	4,00,000.00	3,50,000.00
	d. Conduction of Tech Fest	2,00,000.00	2,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	1,00,000.00	1,00,000.00
	f. TA / DA for the Faculty Members	2,00,000.00	2,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00	3,00,000.00
	h. TA / DA for the students	2,00,000.00	2,00,000.00
	i. International tours planned	8,00,000.00	8,00,000.00
	j. Industrial Visits planned	2,50,000.00	2,50,000.00
	k. Honarorium for the Guest Lectures	3,00,000.00	3,00,000.00
	<b>Sub Total</b>	<b>34,00,000.00</b>	<b>33,00,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>		
	a. Recurring Cost	10,00,000.00	10,00,000.00
	b. Non - Recurring Cost	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>15,00,000.00</b>	<b>15,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>1,06,00,000.00</b>	<b>94,00,000.00</b>

*Mayur*  
PRINCIPAL

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore - 560 103.

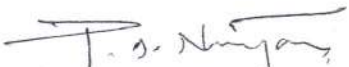
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DIRECTOR FINANCE & ACCOUNTS

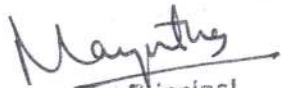


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**NEW HORIZON COLLEGE OF ENGINEERING  
CIVIL ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020-21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	10,00,000.00
	b. Annual Maintenance for the labs	5,50,000.00
	c. Magazines	4,50,000.00
	d. Annual Maintenance contracts	5,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	12,00,000.00
	b. Replacement of Equipments	8,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	5,00,000.00
	d. Purchase of New furnitures	5,00,000.00
	e. Purchase of New Books for Dept.,Library	2,00,000.00
	<b>Sub Total</b>	<b>32,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	3,50,000.00
	b. Conduction of Seminars	3,00,000.00
	c. Conduction of Conferences	4,00,000.00
	d. Conduction of Tech Fest	2,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	1,00,000.00
	f. TA / DA for the Faculty Members	2,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00
	h. TA / DA for the students	2,00,000.00
	i. International tours planned	8,00,000.00
	j. Industrial Visits planned	2,50,000.00
	k. Honarorium for the Guest Lectures	3,00,000.00
	<b>Sub Total</b>	<b>34,00,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	10,00,000.00
	b. Non - Recurring Cost	5,00,000.00
	<b>Sub Total</b>	<b>15,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	-
	<b>Grand Total</b>	<b>1,06,00,000.00</b>

  
Head of the Department

  
Principal  
New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore - 560 103.



**NEW HORIZON COLLEGE OF ENGINEERING  
COMPUTER SCIENCE & ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020-21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	2,00,000.00	2,00,000.00
	b. Annual Maintenance for the labs	2,00,000.00	2,00,000.00
	c. Magazines	3,00,000.00	3,00,000.00
	d. Annual Maintenance contracts	4,00,000.00	4,00,000.00
	<b>Sub Total</b>	<b>11,00,000.00</b>	<b>11,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	72,00,000.00	50,00,000.00
	b. Replacement of Equipments	25,00,000.00	20,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	25,00,000.00	25,00,000.00
	d. Purchase of New furnitures	50,00,000.00	40,00,000.00
	e. Purchase of New Books for Dept.,Library	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>1,77,00,000.00</b>	<b>1,40,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	2,50,000.00	1,50,000.00
	b. Conduction of Seminars	1,50,000.00	1,50,000.00
	c. Conduction of Conferences	6,00,000.00	5,00,000.00
	d. Conduction of Tech Fest	3,00,000.00	3,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,00,000.00	3,00,000.00
	f. TA / DA for the Faculty Members	2,50,000.00	2,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,50,000.00	2,50,000.00
	h. TA / DA for the students	1,50,000.00	1,50,000.00
	i. International tours planned	8,00,000.00	8,00,000.00
	j. Industrial Visits planned	5,00,000.00	5,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00	1,00,000.00
	<b>Sub Total</b>	<b>36,50,000.00</b>	<b>34,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>		
	a. Recurring Cost	15,00,000.00	15,00,000.00
	b. Non - Recurring Cost	7,00,000.00	7,00,000.00
	<b>Sub Total</b>	<b>22,00,000.00</b>	<b>22,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>2,46,50,000.00</b>	<b>2,07,50,000.00</b>

*Mangrath*  
PRINCIPAL

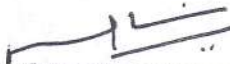
New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore - 560 103.

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DIRECTOR FINANCE & ACCOUNTS



**NEW HORIZON COLLEGE OF ENGINEERING  
COMPUTER SCIENCE & ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020-21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	2,00,000.00
	b. Annual Maintenance for the labs	2,00,000.00
	c. Magazines	3,00,000.00
	d. Annual Maintenance contracts	4,00,000.00
	<b>Sub Total</b>	<b>11,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	72,00,000.00
	b. Replacement of Equipments	25,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	25,00,000.00
	d. Purchase of New furnitures	50,00,000.00
	e. Purchase of New Books for Dept.,Library	5,00,000.00
	<b>Sub Total</b>	<b>1,77,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	2,50,000.00
	b. Conduction of Seminars	1,50,000.00
	c. Conduction of Conferences	6,00,000.00
	d. Conduction of Tech Fest	3,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,00,000.00
	f. TA / DA for the Faculty Members	2,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,50,000.00
	h. TA / DA for the students	1,50,000.00
	i. International tours planned	8,00,000.00
	j. Industrial Visits planned	5,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00
	<b>Sub Total</b>	<b>36,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	15,00,000.00
	b. Non - Recurring Cost	7,00,000.00
	<b>Sub Total</b>	<b>22,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	-
	<b>Grand Total</b>	<b>2,46,50,000.00</b>

  
Head of the Department

  
Principal

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore 560 103.



**BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	8,00,000.00	5,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00	5,00,000.00
	c. Magazines	3,50,000.00	3,00,000.00
	d. Annual Maintenance contracts	3,00,000.00	3,00,000.00
	<b>Sub Total</b>	<b>19,50,000.00</b>	<b>16,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	10,00,000.00	8,00,000.00
	b. Replacement of Equipments	8,00,000.00	6,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	5,00,000.00	5,00,000.00
	d. Purchase of New furnitures	8,00,000.00	6,00,000.00
	e. Purchase of New Books for Dept.,Library	3,00,000.00	2,50,000.00
	<b>Sub Total</b>	<b>34,00,000.00</b>	<b>27,50,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	2,50,000.00	2,50,000.00
	b. Conduction of Seminars	1,50,000.00	1,50,000.00
	c. Conduction of Conferences	4,00,000.00	4,00,000.00
	d. Conduction of Tech Fest	1,50,000.00	1,50,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	2,50,000.00	2,50,000.00
	f. TA / DA for the Faculty Members	2,50,000.00	2,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,50,000.00	2,50,000.00
	h. TA / DA for the students	1,50,000.00	1,50,000.00
	i. International tours planned	5,00,000.00	5,00,000.00
	j. Industrial Visits planned	4,00,000.00	4,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00	1,00,000.00
	<b>Sub Total</b>	<b>28,50,000.00</b>	<b>28,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>		
	a. Recurring Cost	8,00,000.00	8,00,000.00
	b. Non - Recurring Cost	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>	<b>13,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources		
	b. Miscellaneous		
	c. ID Card Expenses		
	d. AMC		
	e. RISO Machine		
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>95,00,000.00</b>	<b>85,00,000.00</b>

*Mayrath*

**PRINCIPAL**

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore - 560 103.

**DIRECTOR FINANCE & ACCOUNTS**

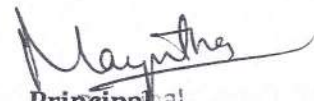
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**BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	8,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00
	c. Magazines	3,50,000.00
	d. Annual Maintenance contracts	3,00,000.00
	<b>Sub Total</b>	<b>19,50,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	10,00,000.00
	b. Replacement of Equipments	8,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	5,00,000.00
	d. Purchase of New furnitures	8,00,000.00
	e. Purchase of New Books for Dept.,Library	3,00,000.00
	<b>Sub Total</b>	<b>34,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	2,50,000.00
	b. Conduction of Seminars	1,50,000.00
	c. Conduction of Conferences	4,00,000.00
	d. Conduction of Tech Fest	1,50,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	2,50,000.00
	f. TA / DA for the Faculty Members	2,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,50,000.00
	h. TA / DA for the students	1,50,000.00
	i. International tours planned	5,00,000.00
	j. Industrial Visits planned	4,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00
	<b>Sub Total</b>	<b>28,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	8,00,000.00
	b. Non - Recurring Cost	5,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	
	b. Miscellaneous	
	c. ID Card Expenses	
	d. AMC	
	e. RISO Machine	
	<b>Sub Total</b>	-
	<b>Grand Total</b>	<b>95,00,000.00</b>

  
Head of the Department

  
Principal  
New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore - 560 103.



**NEW HORIZON COLLEGE OF ENGINEERING  
ELECTRONICS & COMMUNICATION ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	20,00,000.00	10,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00	5,00,000.00
	c. Magazines	5,00,000.00	3,00,000.00
	d. Annual Maintenance contracts	10,00,000.00	10,00,000.00
	<b>Sub Total</b>	<b>40,00,000.00</b>	<b>28,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	70,00,000.00	50,00,000.00
	b. Replacement of Equipments	20,00,000.00	15,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	20,00,000.00	15,00,000.00
	d. Purchase of New furnitures	12,00,000.00	8,00,000.00
	e. Purchase of New Books for Dept.,Library	10,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>1,32,00,000.00</b>	<b>93,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	8,00,000.00	8,00,000.00
	b. Conduction of Seminars	3,50,000.00	3,50,000.00
	c. Conduction of Conferences	6,00,000.00	5,00,000.00
	d. Conduction of Tech Fest	3,00,000.00	2,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	4,00,000.00	3,50,000.00
	f. TA / DA for the Faculty Members	1,50,000.00	1,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	4,00,000.00	4,00,000.00
	h. TA / DA for the students	1,50,000.00	1,50,000.00
	i. International tours planned	10,00,000.00	10,00,000.00
	j. Industrial Visits planned	4,00,000.00	4,00,000.00
	k. Honarorium for the Guest Lectures	3,00,000.00	2,50,000.00
	<b>Sub Total</b>	<b>48,50,000.00</b>	<b>45,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D ) ACTIVITIES</b>		
	a. Recurring Cost	15,00,000.00	15,00,000.00
	b. Non - Recurring Cost	8,00,000.00	8,00,000.00
	<b>Sub Total</b>	<b>23,00,000.00</b>	<b>23,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>2,43,50,000.00</b>	<b>1,89,50,000.00</b>

*Mangal*  
**PRINCIPAL**

Principal

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post  
Bangalore - 560 103

*[Signature]*  
**DIRECTOR FINANCE & ACCOUNTS**

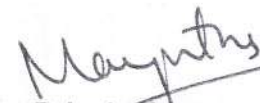


**ELECTRONICS & COMMUNICATION ENGINEERING**

**BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	20,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00
	c. Magazines	5,00,000.00
	d. Annual Maintenance contracts	10,00,000.00
	<b>Sub Total</b>	<b>40,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	70,00,000.00
	b. Replacement of Equipments	20,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	20,00,000.00
	d. Purchase of New furnitures	12,00,000.00
	e. Purchase of New Books for Dept.,Library	10,00,000.00
	<b>Sub Total</b>	<b>1,32,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	8,00,000.00
	b. Conduction of Seminars	3,50,000.00
	c. Conduction of Conferences	6,00,000.00
	d. Conduction of Tech Fest	3,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	4,00,000.00
	f. TA / DA for the Faculty Members	1,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	4,00,000.00
	h. TA / DA for the students	1,50,000.00
	i. International tours planned	10,00,000.00
	j. Industrial Visits planned	4,00,000.00
	k. Honarorium for the Guest Lectures	3,00,000.00
	<b>Sub Total</b>	<b>48,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	15,00,000.00
	b. Non - Recurring Cost	8,00,000.00
	<b>Sub Total</b>	<b>23,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	<b>-</b>
	<b>Grand Total</b>	<b>2,43,50,000.00</b>

  
**Head of the Department**

  
**Principal**  
 New Horizon College of Engineering  
 Outer Ring Road, Bellandur Post,  
 Bangalore - 560 103.



**NEW HORIZON COLLEGE OF ENGINEERING  
INFORMATION SCIENCE & ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	10,00,000.00	5,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00	5,00,000.00
	c. Magazines	5,00,000.00	5,00,000.00
	d. Annual Maintenance contracts	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>	<b>20,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	10,00,000.00	8,00,000.00
	b. Replacement of Equipments	7,00,000.00	5,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	5,00,000.00	5,00,000.00
	d. Purchase of New furnitures	8,00,000.00	7,00,000.00
	e. Purchase of New Books for Dept.,Library	3,50,000.00	3,00,000.00
	<b>Sub Total</b>	<b>33,50,000.00</b>	<b>28,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	2,50,000.00	2,50,000.00
	b. Conduction of Seminars	1,50,000.00	1,50,000.00
	c. Conduction of Conferences	4,00,000.00	3,00,000.00
	d. Conduction of Tech Fest	2,00,000.00	2,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,00,000.00	3,00,000.00
	f. TA / DA for the Faculty Members	2,00,000.00	2,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,00,000.00	2,00,000.00
	h. TA / DA for the students	1,50,000.00	1,50,000.00
	i. International tours planned	7,00,000.00	7,00,000.00
	j. Industrial Visits planned	4,00,000.00	4,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00	1,00,000.00
	<b>Sub Total</b>	<b>30,50,000.00</b>	<b>29,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>		
	a. Recurring Cost	8,00,000.00	8,00,000.00
	b. Non - Recurring Cost	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>	<b>13,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>1,02,00,000.00</b>	<b>90,50,000.00</b>

*M. Srinivas*  
Principal  
New Horizon College of Engineering  
Outer Ring Road, Bellary Road

*[Signature]*  
DIRECTOR FINANCE & ACCOUNTS



**NEW HORIZON COLLEGE OF ENGINEERING  
INFORMATION SCIENCE & ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	10,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00
	c. Magazines	5,00,000.00
	d. Annual Maintenance contracts	5,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	10,00,000.00
	b. Replacement of Equipments	7,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	5,00,000.00
	d. Purchase of New furnitures	8,00,000.00
	e. Purchase of New Books for Dept.,Library	3,50,000.00
	<b>Sub Total</b>	<b>33,50,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	2,50,000.00
	b. Conduction of Seminars	1,50,000.00
	c. Conduction of Conferences	4,00,000.00
	d. Conduction of Tech Fest	2,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,00,000.00
	f. TA / DA for the Faculty Members	2,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	2,00,000.00
	h. TA / DA for the students	1,50,000.00
	i. International tours planned	7,00,000.00
	j. Industrial Visits planned	4,00,000.00
	k. Honarorium for the Guest Lectures	1,00,000.00
	<b>Sub Total</b>	<b>30,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	8,00,000.00
	b. Non - Recurring Cost	5,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	-
	<b>Grand Total</b>	<b>1,02,00,000.00</b>

Head of the Department

Principal  
New Horizon College of Engineering  
Outer Ring Road, Bangalore

**NEW HORIZON COLLEGE OF ENGINEERING  
LIBRARY AND INFORMATION CENTER  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>NON - RECURRING</b>		
	a. Books Racks	2,00,000.00	2,00,000.00
	b. Book Ends	50,000.00	50,000.00
	c. Furniture & Fixture(chairs/table, computer, etc.,)	2,50,000.00	2,00,000.00
	<b>Sub Total</b>	<b>5,00,000.00</b>	<b>4,50,000.00</b>
<b>2</b>	<b>RESOURCES</b>		
	a. Books	12,00,000.00	10,00,000.00
	b. Journals(Print)	2,50,000.00	2,00,000.00
	c. Electronic Resources	30,00,000.00	30,00,000.00
	d. Newspapers and Magazines	75,000.00	75,000.00
	e. Non-Book Materials	5,000.00	5,000.00
	<b>Sub Total</b>	<b>45,30,000.00</b>	<b>42,80,000.00</b>
<b>3</b>	<b>RECURRING</b>		
	a. Stationeries	2,00,000.00	2,00,000.00
	b. Binding of Books/Journals	50,000.00	50,000.00
	<b>Sub Total</b>	<b>2,50,000.00</b>	<b>2,50,000.00</b>
<b>4</b>	<b>MISCELLANEOUS</b>		
	a. Refreshments	50,000.00	50,000.00
	<b>Sub Total</b>	<b>50,000.00</b>	<b>50,000.00</b>
<b>5</b>	<b>OTHERS</b>		
	a. Conference/Seminar/Workshop Conducted	1,00,000.00	1,00,000.00
	b. Conference/Seminar/workshop attended	25,000.00	25,000.00
	c. AMC (Software)	1,00,000.00	1,00,000.00
	d. ID Card Expenses	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>7,25,000.00</b>	<b>7,25,000.00</b>
	<b>Grand Total</b>	<b>60,55,000.00</b>	<b>57,55,000.00</b>

**Principal**  
Principal

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore- 560 103.

**DIRECTOR FINANCE & ACCOUNTS**



Library

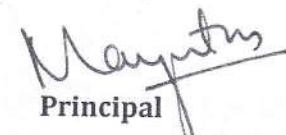
**NEW HORIZON COLLEGE OF ENGINEERING  
LIBRARY AND INFORMATION CENTER  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept
<b>1</b>	<b>NON - RECURRING</b>	
	a. Books Racks	2,00,000.00
	b. Book Ends	50,000.00
	c. Furniture & Fixture(chairs/table, computer, etc.,)	2,50,000.00
	<b>Sub Total</b>	<b>5,00,000.00</b>
<b>2</b>	<b>RESOURCES</b>	
	a. Books	12,00,000.00
	b. Journals(Print)	2,50,000.00
	c. Electronic Resources	30,00,000.00
	d. Newspapers and Magazines	75,000.00
	e. Non-Book Materials	5,000.00
	<b>Sub Total</b>	<b>45,30,000.00</b>
<b>3</b>	<b>RECURRING</b>	
	a. Stationeries	2,00,000.00
	b. Binding of Books/Journals	50,000.00
	<b>Sub Total</b>	<b>2,50,000.00</b>
<b>4</b>	<b>MISCELLANEOUS</b>	
	a. Refreshments	50,000.00
	<b>Sub Total</b>	<b>50,000.00</b>
<b>5</b>	<b>OTHERS</b>	
	a. Conference/Seminar/Workshop Conducted	1,00,000.00
	b. Conference/Seminar/workshop attended	25,000.00
	c. AMC (Software)	1,00,000.00
	d. ID Card Expenses	5,00,000.00
	<b>Sub Total</b>	<b>7,25,000.00</b>
	<b>Grand Total</b>	<b>60,55,000.00</b>

  
Head of the Department

Principal

New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore 560 103.

  
Principal



**NEW HORIZON COLLEGE OF ENGINEERING  
MECHANICAL ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	8,00,000.00	6,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00	5,00,000.00
	c. Magazines	3,50,000.00	3,50,000.00
	d. Annual Maintenance contracts	3,00,000.00	3,00,000.00
	<b>Sub Total</b>	<b>19,50,000.00</b>	<b>17,50,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	10,00,000.00	8,00,000.00
	b. Replacement of Equipments	8,00,000.00	6,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	6,00,000.00	5,00,000.00
	d. Purchase of New furnitures	7,00,000.00	6,00,000.00
	e. Purchase of New Books for Dept.,Library		
	<b>Sub Total</b>	<b>31,00,000.00</b>	<b>25,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	4,00,000.00	3,00,000.00
	b. Conduction of Seminars	2,50,000.00	2,50,000.00
	c. Conduction of Conferences	4,50,000.00	4,50,000.00
	d. Conduction of Tech Fest	3,50,000.00	3,50,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,50,000.00	3,00,000.00
	f. TA / DA for the Faculty Members	3,00,000.00	3,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00	3,00,000.00
	h. TA / DA for the students	3,00,000.00	2,50,000.00
	i. International tours planned	8,00,000.00	8,00,000.00
	j. Industrial Visits planned	6,00,000.00	5,50,000.00
	k. Honarorium for the Guest Lectures	2,00,000.00	2,00,000.00
	<b>Sub Total</b>	<b>43,00,000.00</b>	<b>40,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>		
	a. Recurring Cost	8,00,000.00	8,00,000.00
	b. Non - Recurring Cost	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>	<b>13,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>1,06,50,000.00</b>	<b>96,00,000.00</b>

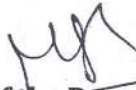
PRINCIPAL

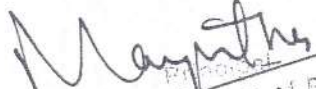
DIRECTOR FINANCE & ACCOUNTS



**NEW HORIZON COLLEGE OF ENGINEERING  
MECHANICAL ENGINEERING  
BUDGET PLAN FOR THE YEAR 2020 - 21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	8,00,000.00
	b. Annual Maintenance for the labs	5,00,000.00
	c. Magazines	3,50,000.00
	d. Annual Maintenance contracts	3,00,000.00
	<b>Sub Total</b>	<b>19,50,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	10,00,000.00
	b. Replacement of Equipments	8,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	6,00,000.00
	d. Purchase of New furnitures	7,00,000.00
	e. Purchase of New Books for Dept.,Library	
	<b>Sub Total</b>	<b>31,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	4,00,000.00
	b. Conduction of Seminars	2,50,000.00
	c. Conduction of Conferences	4,50,000.00
	d. Conduction of Tech Fest	3,50,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,50,000.00
	f. TA / DA for the Faculty Members	3,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00
	h. TA / DA for the students	3,00,000.00
	i. International tours planned	8,00,000.00
	j. Industrial Visits planned	6,00,000.00
	k. Honarorium for the Guest Lectures	2,00,000.00
	<b>Sub Total</b>	<b>43,00,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	8,00,000.00
	b. Non - Recurring Cost	5,00,000.00
	<b>Sub Total</b>	<b>13,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	-
	<b>Grand Total</b>	<b>1,06,50,000.00</b>

  
Head of the Department

  
Principal  
New Horizon College of Engineering  
Outer Ring Road, Bellandur Post,  
Bangalore - 560 103.



**NEW HORIZON COLLEGE OF ENGINEERING  
MASTER OF BUSINESS ADMINISTRATION  
BUDGET PLAN FOR THE YEAR 2020 -21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	-	-
	b. Annual Maintenance for the labs	-	-
	c. Magazines	5,00,000.00	5,00,000.00
	d. Annual Maintenance contracts	-	-
	<b>Sub Total</b>	<b>5,00,000.00</b>	<b>5,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	-	-
	b. Replacement of Equipments	-	-
	c. Purchase of New Software / Upgradation of existing Software	-	-
	d. Purchase of New furnitures	20,00,000.00	20,00,000.00
	e. Purchase of New Books for Dept.,Library	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>	<b>25,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	4,00,000.00	3,00,000.00
	b. Conduction of Seminars	2,50,000.00	2,50,000.00
	c. Conduction of Conferences	6,00,000.00	6,00,000.00
	d. Conduction of Tech Fest	4,00,000.00	3,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	4,00,000.00	4,00,000.00
	f. TA / DA for the Faculty Members	3,00,000.00	2,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00	3,00,000.00
	h. TA / DA for the students	3,00,000.00	2,50,000.00
	i. International tours planned	14,00,000.00	12,00,000.00
	j. Industrial Visits planned	5,00,000.00	5,00,000.00
	k. Honarorium for the Guest Lectures	2,00,000.00	2,00,000.00
	<b>Sub Total</b>	<b>50,50,000.00</b>	<b>45,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>		
	a. Recurring Cost	15,00,000.00	12,00,000.00
	b. Non - Recurring Cost	10,00,000.00	10,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>	<b>22,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	<b>-</b>	<b>-</b>
	<b>Grand Total</b>	<b>1,05,50,000.00</b>	<b>97,50,000.00</b>

*Maryuth*  
PRINCIPAL

*[Signature]*  
DIRECTOR FINANCE & ACCOUNTS



**NEW HORIZON COLLEGE OF ENGINEERING  
MASTER OF BUSINESS ADMINISTRATION  
BUDGET PLAN FOR THE YEAR 2020 -21**

MBA

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	-
	b. Annual Maintenance for the labs	-
	c. Magazines	5,00,000.00
	d. Annual Maintenance contracts	-
	<b>Sub Total</b>	<b>5,00,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	-
	b. Replacement of Equipments	-
	c. Purchase of New Software / Upgradation of existing Software	-
	d. Purchase of New furnitures	20,00,000.00
	e. Purchase of New Books for Dept.,Library	5,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	4,00,000.00
	b. Conduction of Seminars	2,50,000.00
	c. Conduction of Conferences	6,00,000.00
	d. Conduction of Tech Fest	4,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	4,00,000.00
	f. TA / DA for the Faculty Members	3,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00
	h. TA / DA for the students	3,00,000.00
	i. International tours planned	14,00,000.00
	j. Industrial Visits planned	5,00,000.00
	k. Honarorium for the Guest Lectures	2,00,000.00
	<b>Sub Total</b>	<b>50,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	15,00,000.00
	b. Non - Recurring Cost	10,00,000.00
	<b>Sub Total</b>	<b>25,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	<b>-</b>
	<b>Grand Total</b>	<b>1,05,50,000.00</b>

  
Head of the Department


  
Principal



**NEW HORIZON COLLEGE OF ENGINEERING  
MASTERS IN COMPUTER APPLICATION  
BUDGET PLAN FOR THE YEAR 2020-21**

S.No	Description	By Dept	Approved
<b>1</b>	<b>RECURRING COST</b>		
	a. Consumables for the labs	-	
	b. Annual Maintenance for the labs	-	
	c. Magazines	2,50,000.00	2,50,000.00
	d. Annual Maintenance contracts	5,00,000.00	5,00,000.00
	<b>Sub Total</b>	<b>7,50,000.00</b>	<b>7,50,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>		
	a. Purchase of New Equipments	35,00,000.00	28,00,000.00
	b. Replacement of Equipments	10,00,000.00	5,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	6,00,000.00	5,50,000.00
	d. Purchase of New furnitures	3,00,000.00	3,00,000.00
	e. Purchase of New Books for Dept.,Library	2,50,000.00	2,50,000.00
	<b>Sub Total</b>	<b>56,50,000.00</b>	<b>44,00,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>		
	a. Conduction of Workshops	5,00,000.00	4,00,000.00
	b. Conduction of Seminars	3,00,000.00	3,00,000.00
	c. Conduction of Conferences	5,00,000.00	5,00,000.00
	d. Conduction of Tech Fest	3,00,000.00	2,50,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,00,000.00	3,00,000.00
	f. TA / DA for the Faculty Members	3,00,000.00	2,50,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00	3,00,000.00
	h. TA / DA for the students	2,00,000.00	2,00,000.00
	i. International tours planned	7,00,000.00	7,00,000.00
	j. Industrial Visits planned	5,00,000.00	5,00,000.00
	k. Honarorium for the Guest Lectures	1,50,000.00	1,50,000.00
	<b>Sub Total</b>	<b>40,50,000.00</b>	<b>38,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D ) ACTIVITIES</b>		
	a. Recurring Cost	8,00,000.00	8,00,000.00
	b. Non - Recurring Cost	8,00,000.00	8,00,000.00
	<b>Sub Total</b>	<b>16,00,000.00</b>	<b>16,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>		
	a. Resources	-	-
	b. Miscellaneous	-	-
	c. ID Card Expenses	-	-
	d. AMC	-	-
	e. RISO Machine	-	-
	<b>Sub Total</b>	-	-
	<b>Grand Total</b>	<b>1,20,50,000.00</b>	<b>1,06,00,000.00</b>

*Maya*  
PRINCIPAL

  
DIRECTOR FINANCE & ACCOUNTS



**NEW HORIZON COLLEGE OF ENGINEERING**  
**MASTERS IN COMPUTER APPLICATION**  
**BUDGET PLAN FOR THE YEAR 2020-21**

S.No	Description	By Dept
<b>1</b>	<b>RECURRING COST</b>	
	a. Consumables for the labs	-
	b. Annual Maintenance for the labs	-
	c. Magazines	2,50,000.00
	d. Annual Maintenance contracts	5,00,000.00
	<b>Sub Total</b>	<b>7,50,000.00</b>
<b>2</b>	<b>NON RECURRING COST</b>	
	a. Purchase of New Equipments	35,00,000.00
	b. Replacement of Equipments	10,00,000.00
	c. Purchase of New Software / Upgradation of existing Software	6,00,000.00
	d. Purchase of New furnitures	3,00,000.00
	e. Purchase of New Books for Dept.,Library	2,50,000.00
	<b>Sub Total</b>	<b>56,50,000.00</b>
<b>3</b>	<b>CONTINGENCIES</b>	
	a. Conduction of Workshops	5,00,000.00
	b. Conduction of Seminars	3,00,000.00
	c. Conduction of Conferences	5,00,000.00
	d. Conduction of Tech Fest	3,00,000.00
	e. Registration Fee for Faculty members for attending Workshops, Seminars and Conferences	3,00,000.00
	f. TA / DA for the Faculty Members	3,00,000.00
	g. Registration Fee for Students for attending Workshops, Seminars and Conferences	3,00,000.00
	h. TA / DA for the students	2,00,000.00
	i. International tours planned	7,00,000.00
	j. Industrial Visits planned	5,00,000.00
	k. Honarorium for the Guest Lectures	1,50,000.00
	<b>Sub Total</b>	<b>40,50,000.00</b>
<b>4</b>	<b>RESEARCH AND DEVELOPMENT ( R &amp; D) ACTIVITIES</b>	
	a. Recurring Cost	8,00,000.00
	b. Non - Recurring Cost	8,00,000.00
	<b>Sub Total</b>	<b>16,00,000.00</b>
<b>5</b>	<b>LIBRARY EXPENSES</b>	
	a. Resources	-
	b. Miscellaneous	-
	c. ID Card Expenses	-
	d. AMC	-
	e. RISO Machine	-
	<b>Sub Total</b>	<b>-</b>
	<b>Grand Total</b>	<b>1,20,50,000.00</b>

# **ANNEXURE-5**



# NEW HORIZON COLLEGE OF ENGINEERING

Sl.No	Name	Designation	Teaching / Non Teaching	Dept	DOJ
<b>NON TEACHING</b>					
1	Mr. M Balaguru	Hostel Warden (Boys)	Non Teaching	Administration	02.12.2019
2	Mr. Prasanna Kumar P M	Senior Engineer	Non Teaching	Construction (Boganahalli)	02.12.2019
3	Mr. Suresh J N	Junior Engineer	Non Teaching	Construction (Boganahalli)	02.12.2019
4	Mr. T Karthik Naidu	Assistant Junior Engineer	Non Teaching	Construction (Hennur)	02.12.2019
5	Mr. Vinayak M Jadhav	Junior Assistant Engineer	Non Teaching	Construction (Boganahalli)	02.12.2019
6	Mr. Tejas K Suresh	Assistant Junior Engineer	Non Teaching	Construction (Hennur)	02.12.2019
7	Mr. Shivaraj J	Assistant Engineer	Non Teaching	Construction (Boganahalli)	02.12.2019
8	Mr. Shankarappa R	Assistant Security Officer	Non Teaching	NHEI	02.01.2020
9	Mr Venkatesh KV	Assistant Security Officer	Non Teaching	NHEI	02.01.2020
10	Ms. Ashwini Kadoli	Library Officer	Non Teaching	Library & Information Center	06.01.2020
11	Mr. Bharath Suundar R	Aptitude Trainer	Non Teaching	HRD	06.01.2020
12	Mr. Karthikeyan	Aptitude Trainer	Non Teaching	HRD	06.01.2020
13	Mr. Santhosh Kumar B S	HR Executive	Non Teaching	HRD	06.01.2020
14	Ms. Nancy Johnson	Aptitude Trainer	Non Teaching	HRD	13.01.2020
15	Ms. Shanthala S Rao	Student Counselor	Non Teaching	NHCE	27.01.2020
16	Ms. VidyaShree	Admission Executive	Non Teaching	Admissions	03.02.2020
17	Ms. Suji MV	Office Executive	Non Teaching	Examinations	03.02.2020
18	Mr. Kodiganti Charan Theja	Graphic Designer	Non Teaching	Marketing and Branding	03.02.2020
19	Mr. Subramanian R	Assistant Senior Engineer	Non Teaching	Construction (Boganahalli)	03.02.2020
20	Ms. Sahana S	Student Counselor	Non Teaching	Academics	17.02.2020
21	Ms. Nandini A S	Jr. Quantity Surveyor	Non Teaching	Construction (Boganahalli)	24.02.2020
22	Mr. Shreyas K L	Jr. Asst. Eng	Non Teaching	Construction (Hennur)	24.02.2020
23	Ms. Dimple W G	Office Executive	Non Teaching	Administration	3/16/2020
24	Mr. Manjunath R	HR Manager	Non Teaching	HRD	3/18/2020
25	Ms. Michelle Rajesh	Admission Officer	Non Teaching	Admissions	01.05.2020
26	Mr. Dinesh G	Site Supervisor	Non Teaching	Construction	22.06.2020
<b>TEACHING</b>					
1	Mr. Nagaraju D	Sr. Assistant Professor	Teaching	NHC	30.12.2019
2	Ms. Vanya Sharma	Assistant Professor	Teaching	NHC	02.01.2020
3	Ms. Ashwini P	Assistant Professor	Teaching	NHC	06.01.2020
4	Ms. Mamta B Savadatti	Assistant Professor(2)	Teaching	ECE	09.01.2020
5	Ms. Tessy Tomy	Assistant Professor (2)	Teaching	ECE	09.01.2020
6	Mr. Ashok K	Sr. Assistant Professor	Teaching	ECE	09.01.2020
7	Dr. Sridevi S	Associate Professor	Teaching	CSE	09.01.2020
8	Dr. Revathi R P	Sr. Assistant Professor	Teaching	BSH	09.01.2020

9	Ms. Anjana Bastin	Assistant Professor	Teaching	NHC	16.01.2020
10	Dr. Priyameet Kaur Keer	Associate Professor	Teaching	MBA	10.02.2020
11	Mr. Deepak Kumar S Nadiger	Assistant Professor(2)	Teaching	ECE	10.02.2020

# **ANNEXURE-6**



# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2020-21

### Extension of Approval (EoA)

F.No. South-West/1-7002802713/2020/EOA

Date: 15-Jun-2020

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

**Sub: Extension of Approval for the Academic Year 2020-21**

Ref. Application of the Institution for Extension of Approval for the Academic Year 2020-21

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4<sup>th</sup> February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-11989651	Application Id	1-7002802713
Name of the Institution	NEW HORIZON COLLEGE OF ENGINEERING (E&T)	Name of the Society/Trust	NEW HORIZON EDUCATIONAL & CULTURAL TRUST
Institution Address	RING ROAD, NEAR MARATHALLI, BELLANDUR POST, KADUBHISANAHALLI, BANGALORE, BANGALORE URBAN, Karnataka, 560103	Society/Trust Address	100 FEET ROAD, INDIRANAGAR, BANGALORE, BANGALORE URBAN, Karnataka, 560008
Institution Type	Private-Self Financing	Region	South-West

**To conduct following Courses with the Intake indicated below for the Academic Year 2020-21**

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2019-20	Intake Approved for 2020-21	NR/ Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MACHINE DESIGN	Visvesvaraya Technological University, Belgaum	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	Visvesvaraya Technological University, Belgaum	180	120	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	180	180	NA	Yes

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	Visvesvaraya Technological University, Belgaum	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	180	180	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Visvesvaraya Technological University, Belgaum	120	120	NA	Yes
MANAGEMENT	POST GRADUATE	MBA	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	AUTOMOBILE ENGINEERING	Visvesvaraya Technological University, Belgaum	120	60	NA	Yes
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	Visvesvaraya Technological University, Belgaum	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	CYBER FORENSICS AND INFORMATION SECURITY	Visvesvaraya Technological University, Belgaum	18	18	NA	NA



ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Visvesvaraya Technological University, Belgaum	0	120 <sup>##\$\$</sup>	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER ENGINEERING	Visvesvaraya Technological University, Belgaum	0	60 <sup>##\$\$</sup>	NA	NA

## Approved New Course(s)

\$\$ Course(s) should be offered in Emerging Area

It is mandatory to comply with all the essential requirements as given in APH 2020-21 (Appendix 6)

### Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2020-21 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years beginning with the Academic Year 2020-21
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.
3. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
4. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Prof.Rajive Kumar**  
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education\*\***, Karnataka
2. **The Registrar\*\***,  
Visvesvaraya Technological University, Belgaum
3. **The Principal / Director**,  
NEW HORIZON COLLEGE OF ENGINEERING (E&T)  
Ring Road, Near Marathalli, Bellandur Post,  
Kadubhisanaahalli,  
Bangalore, Bangalore Urban,  
Karnataka, 560103



4. **The Secretary / Chairman,**  
100 FEET ROAD, INDIRANAGAR,  
BANGALORE, BANGALORE URBAN  
Karnataka, 560008
  
5. **The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
  
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

# **ANNEXURE-7**

## Faculty Evaluation Metrics for R&D Efforts and Publication Credentials for Monthly Monitoring by HoD

### *Format for Self Evaluation and Continuous Improvement of Faculty Members @ Departments by HoD*

*Refereed Journals Indexed in Scopus, Web of Science (WoS), ICI and/or as notified by the #UGC CARE List and Other Reputed Journals as Approved by HoD/Dean (R&D)*

*(# Periodically Check for Updated List)*

- Publications other than Journal articles (books, chapters in books):
- Text/Reference, Books published by International Publishers, with ISBN/ISSN Number
- Subject Books, published by National level publishers, with ISBN/ISSN Number or State/Central Govt. Publications
- Other Local Publishers, with ISBN/ISSN Number
- Chapters in Books, Published by National and International Level Publishers, with ISBN/ISSN Number

#### **RESEARCH PROJECTS**

- **Sponsored Projects** (In Progress/Applied/On-going etc)
- **Consultancy Projects** (In Progress/Applied/On-going etc)
- **Projects Outcome/Outputs: Patent/Technology Transfer/Product/Process/Start-ups**

#### **START-UPS**

- Initiated/Mentored by Faculty/Students

#### **RESEARCH GUIDANCE**

- MS (By Research)/M.Phil/Ph.D

#### **MOOC/NPTEL COURSES**

- Continuous Learning Efforts

#### **CONFERENCES/SEMINARS/INDUSTRIAL VISITS/INTERNSHIPS/FOREIGN VISITS/COLLABORATIONS etc**

- Efforts towards Professional Networking/Industries' Connects

#### **OTHER RECOGNITIONS/REPRESENTATIONS**

**Fellowships, Awards and Invited Lectures Delivered in Conferences /Seminars/Session Chairs etc**

- International/National/State/University Award/Fellowship from Academic Bodies

**Nominated to Academic Council/Board of Studies/Board of Examinations etc**

- International/National/State/University Award/Fellowship from Academic Bodies

**Invited Lectures/Papers**

- International/National/State/University Level
- Development of e-learning delivery process/material

**Note:** Soft Copy of below Table shall be Updated Every Month on or before 05<sup>th</sup> of Every Month by R&D Coordinators of Respective Departments as Input Provided by HoDs! And Sent to Dean (R&D) by email.











## New Horizon College of Engineering

### Consolidated Performance Evaluation Metrics of Faculty Members (Professors/Associate Professors/Sr. Assistant Professors): AY 2019-20

Sl. No	Faculty Name/Department	Designation	No. of Papers Published <i>Journal</i>	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed /Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intnl.	Natnl./Intnl.	Natnl./Intnl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intnl.	Natnl./Intnl.
	<b>Mechanical Engineering</b>										
1.	Dr. B. Viswanath	Professor	0/5	1/1	-	7	-	-	-	-	-
2.	Dr. Priyabrata Adhikary	Professor	0/1 (Scopus)	0/2	-	18	-	-	-	-	-
3.	Dr. Ashok Kumar	Associate Professor	0/3 (Scopus)	0/1	-	10	-	-	-	-	-
4.	Dr. Gopal K	Associate Professor	0/2	1/1	1/0/0	10	-	-	-	-	-
5.	Dr Srinath M K	Associate Professor	0/2	0/1	3/0/0	16	4	-	-	-	-

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/Initiative/Lab/Product/Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IEI/MTS/Others	
	<b>Mechanical Engineering</b>									
1.	Dr. B. Viswanath	Professor	2/1	Nil	1/Nil	Nil	2/Nil	1/Nil	-	-
2.	Dr. Priyabrata Adhikary	Professor	Nil	Nil	1/Nil	Nil	Rs.2,000/-	Rs.10,000/-	-	-
3.	Dr. Ashok Kumar	Associate Professor	Nil	Nil	1/Nil	Nil	-	-	-	-
4.	Dr. Gopal K	Associate Professor	1/Nil	Nil	Nil	Nil	-	-	-	-
5.	Dr Srinath M K	Associate Professor	1/Nil	Nil	1/Nil	Nil	-	-	28.7 Lacs Applied	-

Sl. No	Faculty Name/Department	Designation	No. of Papers Published <i>Journal</i>	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed /Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intnl.	Natnl./Intnl.	Natnl./Intnl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intnl.	Natnl./Intnl.
	<b>ECE</b>										
1.	Dr. B. Mohan Kumar Naik	Professor	0/2 (Scopus)	0/1	-	9	-	5	Program Committee & Advisory Committee Member	-	-
2.	Dr. K.C.R. Nisha	Professor	1/2 (Scopus)	9/2	2/0	12	-	4	NBA Auditor (4 National Visits), IEEE Invited Talk, MTS, IEEE, UNISEC India, "h" Index: 4	1/Serbia: 1 <sup>st</sup> Place & Global Jury Award	CSPD Serbia, Sapienza University, Rome , Paris
3.	Dr. A.B. Gurulakshmi	Associate Professor	0/0	2/1	-		-	-	-	-	-
4.	Dr. M. Dhivya	Associate Professor	0/1	5/1+ 1(Book/Germany)	-	8	-	-	Delivered Guest Lecture at Roever Engineering College	1/0	-
5.	Dr Reema Sharma	Associate Professor	0/0	2/1	-	8	-	-	Technical Committee Co-Chair, EIA UBINET & CONNECT 2020	-	CISCO Instructor Training for 15 days @ B'lore
6.	Dr. Piruthiviraj. P	Associate Professor	0/1 (IEEE Xplore)	4/0	-		-	-	IETE, Technical Program Committee Member: 4 Events	-	-
7.	Dr. M. Jayanthi	Associate Professor	0/0	5/1	-	9	-	-	DC Member for one PhD Scholar	-	RRI, B'lore & MCF, ISRO, Hassan

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/ Initiative/Lab/Product/ Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IEI/MTS/Others	
	<b>ECE</b>									
1.	Dr. B. Mohan Kumar Naik	Professor	1/0	2 (VTU)/Nil	Nil	-	2/Nil	1/Nil	3 (NDRF)	-
2.	Dr. K.C.R. Nisha	Professor	3/0	Nil	3/1	SERB: 34.98 Lacs Submitted	3/Nil	1/1	IEEE/IEI/MTS/UNISEC	Rs.7 Lacs (4 Projects) Recd.
3.	Dr. A.B. Gurulakshmi	Associate Professor	1 Co-PI/0	Nil	Nil	Rs.30,000/- To be Recd	Nil	Nil	CSR/SRO: 50K Applied	-
4.	Dr. M. Dhivya	Associate Professor	1/0	Nil	Nil	Rs.30,000/- To be Recd (Co-PI) DST (2)/CSIR (1) Applied	Nil	Nil	IEI/NBHM/ISRO (2) Applied	-
5.	Dr Reema Sharma	Associate Professor	Nil	Nil	Nil	-	Nil	Nil	IEEE/ CISCO Applied	-
6.	Dr. Piruthiviraj. P	Associate Professor	1/0	Nil	Nil	2 DST-ICPS: 6 Lacs Submitted	1/0	Nil	IETE	-
7.	Dr. M. Jayanthi	Associate Professor	-	TEQIP/VTU/Nil	-	-	1/1	-	-	-

Sl. No	Faculty Name/Department	Designation	No. of Papers Published Journal	No. of Conference/ Seminar/Workshop/ FDP/Attended/Books Published	Patents Filed /Pub/ Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/ Professional Society/Advisory Committee/ Keynote/Session Chair etc	Awards/ Honours Received	Visit/Exposure/ Training at Various University/ Industry
			Natnl./Intnl.	Natnl./Intnl.	Natnl./Intnl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intnl.	Natnl./Intnl.
	<b>CSE</b>									-	-
1.	Dr. Pamela Vinitha	Professor	0/1 (Scopus)	0/1	-	16	-	2	-	-	-
2.	Dr. Hanuman Kumar	Sr. Associate Professor	0/1 (Scopus)	1/2	-		-	3	-	-	-
3.	Dr. Clara Kanmani A	Associate Professor	0/3 (Scopus)	0/1	-		-	-	Reviewer: IEEE Conference & Invited Keynote @ MLACW	-	-
4.	Dr. Kamatchi Priya	Associate Professor	0/1 (Scopus)	0/2	-		-	-	-	-	-
5.	Dr. Thirukumaran	Associate Professor	0/1	0/1	-		-	-	Invited Keynote @ MLACW & Train the Trainer Session	-	-
6.	Dr. Sridevi (DOJ: Jan 2020)	Associate Professor	Nil	Nil	-	-	-	-	-	-	-

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/ Initiative/Lab/Product/ Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IEI/MTS/Others	
	<b>CSE</b>									
1.	Dr. Pamela Vinitha	Professor	1/0	Nil	1 KFIST-L2/Nil	SEED/TIDE: 84 Lacs Submitted	Nil	Nil	-	
2.	Dr. Hanuman Kumar	Sr. Associate Professor	Nil	Nil	1/Nil	-	Nil	Nil	-	
3.	Dr. Clara Kanmani A	Associate Professor	Nil	Nil	Nil	-	Nil	Nil	-	
4.	Dr. Kamatchi Priya	Associate Professor	Nil	Nil	1 RGS/Nil	-	Nil	Nil	-	
5.	Dr. Thirukumaran	Associate Professor	1/Nil	Nil	1 FDP/Nil	CSIR: Workshop 45 K Applied	Nil	Nil	28.7 Lacs Applied	
6.	Dr. Sridevi (DOJ: Jan 2020)	Associate Professor	Nil	Nil	Nil	-	Nil	Nil	-	

Sl. No	Faculty Name/Department	Designation	No. of Papers Published Journal	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed/Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intl.	Natnl./Intl.	Natnl./Intl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intl.	Natnl./Intl.
	<i>ISE</i>										
1.	Dr. S. Mohankumar	Professor	0/4 (1 Scopus/Springer/IEE)	7/4/4/4 (Books with ISBN)	2/3/0	9	1	2	BoS, BoE, 3 PhD Evaluated; Reviewer: IEEE CONNECT & LWMOOCS VII International Events; Advisory + 7 Events	UNISEC Award, Japan, FIPE	Hong Kong & 7 <sup>th</sup> Global Meet of UNISEC @ Tokyo, Japan. Technical Course @ IISc, B'lore, One ARPI - AICTE Course
2.	Dr. K. Saravanan	Professor	0/1 (Springer)	0/2	1/1*/0	3	1	-	1 Session Chair: KKIT, Coimbatore	-	-
3.	Dr. P. Mangaiyarkarasi	Associate Professor	0/3 (2 Scopus)	22/4	2/2*/0	7	1	-	-	-	-

*\*Without NHCE Affiliation et.al*

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/Initiative/Lab/Product/Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IE/MTS/Others	
	<i>ISE</i>									
1.	Dr. S. Mohankumar	Professor	1/1 (2 <sup>nd</sup> Phase)	1/Nil	1/Nil	DSIR Applied	2/Nil	1/Nil	1.5 Lac IEI Project Applied	MHRD IIC2.0 & ARIIA Nodal Officer
2.	Dr. K. Saravanan	Professor	Nil	Nil	1/Nil	ICSSR-CBP Applied	1/Co-PI Sanctioned	Nil	-	-
3.	Dr. P. Mangaiyarkarasi	Associate Professor	Nil	Nil	1/Nil	-	1/Sanctioned	Nil	-	-

Sl. No	Faculty Name/Department	Designation	No. of Papers Published Journal	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed/Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intl.	Natnl./Intl.	Natnl./Intl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intl.	Natnl./Intl.
	<i>EEE</i>										
1.	Dr. S. Ramkumar	Professor	0/1 (Scopus)	1/2	-	6	-	5/3*	-	-	-
2.	Dr. B. Guna Priya	Associate Professor	0/2	0/2	1/1*/0	6	-	-	-	-	-

*\*Without NHCE Affiliation et.al*

*\*Completed @ Anna University, Without NHCE Affiliation. 5 Pursuing.*

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/Initiative/Lab/Product/Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IE/MTS/Others	
	<i>EEE</i>									
1.	Dr. S. Ramkumar	Professor	Nil	Nil	1/Nil	-	Nil	Nil	-	-
2.	Dr. B. Guna Priya	Associate Professor	Nil	Nil	1/Nil	ICSSR-CBP Applied	1/Co-PI Sanctioned	Nil	-	-



Sl. No	Faculty Name/Department	Designation	No. of Papers Published <i>Journal</i>	No. of Conference/ Seminar/Workshop/ FDP/Attended/Books Published	Patents Filed/Pub/ Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/ Professional Society/Advisory Committee/ Keynote/Session Chair etc	Awards/ Honours Received	Visit/Exposure/ Training at Various University/ Industry
			Natnl./Intnl.	Natnl./Intnl.	Natnl./Intnl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intnl.	Natnl./Intnl.
	<b>Automobile Engineering</b>										
1.	Dr. Sridhar Kurse	Professor	0/0	0/1	-		-	-	-	-	-
2.	Dr. A. Sujin Jose	Associate Professor	0/2* (Scopus)	0/2	-		-	-	-	-	-

\*5 & 4 Authors (1038 & 2231 Papers Published in each Issue!)

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/ Initiative/Lab/Product/ Startup/Achievements etc.	
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IEI/MTS/Others		
	<b>Automobile Engineering</b>										
1.	Dr. Sridhar Kurse	Professor	1 MODROBS/Nil	Nil	1 KFIST-L1/Nil	-	-	-	Nil	Nil	-
2.	Dr. A. Sujin Jose	Associate Professor	Nil	Nil	1 FDP/Nil	ICSSR-CBP Applied	1/Co-PI Sanctioned	Nil	-	-	-

Sl. No	Faculty Name/Department	Designation	No. of Papers Published <i>Journal</i>	No. of Conference/ Seminar/Workshop/ FDP/Attended/Books Published	Patents Filed/Pub/ Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/ Professional Society/Advisory Committee/ Keynote/Session Chair etc	Awards/ Honours Received	Visit/Exposure/ Training at Various University/ Industry
			Natnl./Intnl.	Natnl./Intnl.	Natnl./Intnl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intnl.	Natnl./Intnl.
	<b>MCA</b>										
1.	Dr. V. Asha	Professor	0/1	1/1	-	-	-	3	2 PhD Comprehensive Viva; Reviewer, Editorial Board Member (Chinese Journal)	-	1/0
2.	Dr. K. G. Madhwaraj	Professor	0/0	2/1	-	-	1	-	Editorial Board Member/Reviewer (International Journal/ COMS2-2020)	-	1/0
3.	Dr. A. P. Nirmala	Associate Professor	0/1 (Scopus)	4/1	-	-	-	1	Technical Program Committee Member: PSG Tech, Reviewer (International Journal)	-	1/0
4.	Dr. B. Meenakshi Sundaram	Associate Professor	0/0	0/1	-	-	-	-	-	-	1/0
5.	Mrs. S. P. Sreeja	Sr. Assistant Professor	0/0	2/1	-	-	-	-	-	-	1/0
6.	Mr. Vishwanatha C R	Sr. Assistant Professor	0/0	2/1	-	-	-	-	-	-	1/0
7.	Mr. Govindaraj M	Sr. Assistant Professor	0/0	0/1	-	-	-	-	-	-	1/0

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/ Initiative/Lab/Product/ Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IEI/MTS/Others	
	<b>MCA</b>									
1.	Dr. V. Asha	Professor	Nil/FDP Completed	1/Nil	1/Nil	CSIR, SERB, ISRO, ARMREB, ICSSR: 6+2 Applied	Nil	1/Nil	-	BoE VTU Member, NPTEL: Mentored 49 Candidates
2.	Dr. K. G. Madhwaraj	Professor	Nil	1/Nil	1/Nil	PRISM Applied	Nil	Nil	-	Received Cash Prize Rs. 5,000/- (Christ University) NPTEL - Elite & 1 Course Era
3.	Dr. A. P. Nirmala	Associate Professor	Nil	Nil	1/Nil	CSIR: 1 Applied	Nil	Nil	-	NPTEL: Discipline Star Award
4.	Dr. B. Meenakshi Sundaram	Associate Professor	Nil	1+1 Co-PI/Nil	1 Co-PI/Nil	CSIR, ARMREB, ICSSR: 1+2 Co-PI Applied	Nil	Nil	-	7days Training at CoE (RPA); NPTEL-Elite

5.	Mrs. S. P. Sreeja	Sr. Assistant Professor	Nil	Nil	Nil	-	Nil	Nil	-	-
6.	Mr. Vishwanatha C R	Sr. Assistant Professor	Nil	Nil	Nil	-	Nil	Nil	-	NPTEL: Mentored 40 Candidates
7.	Mr. Govindaraj M	Sr. Assistant Professor	Nil	Nil	Nil	-	Nil	Nil	-	-

Sl. No	Faculty Name/Department	Designation	No. of Papers Published Journal	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed/Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intnl.	Natnl./Intnl.	Natnl./Intnl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intnl.	Natnl./Intnl.
	<b>MBA</b>										
1.	Dr. Sheelan Misra	Professor	0/2 (1 UGC)	4+5/1	-	-	33	2+2	2 PhD Comprehensive Viva; Reviewer, Editorial Board Member (Chinese Journal)	-	-
2.	Dr. A. R. Sainath	Professor	0/1	2/2/1	-	-	33	03	-	-	-
3.	Dr. Smita Harwani	Associate Professor	0/0	0/0	-	-	-	-	Technical Program Committee Member: PSG Tech, Reviewer (International Journal)	-	-
4.	Dr. Priyameet Kaur Keer*	Associate Professor	0/0	2+1 (News Paper)/0	-	-	34	-	Editorial Board Member, AJMSE (International Journal)	-	-

\* Joined NHCE on 10.02.2020

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/Initiative/Lab/Product/Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IEI/MTS/Others	
	<b>MBA</b>									
1.	Dr. Sheelan Misra	Professor	1/2 <sup>nd</sup> Phase	Nil	Nil	-	Nil	1/Nil Rs.50,000/-	STI Hub for SC: Applied Unnat Bharat Abhiyan	EDC/Start-ups/Since.2018, ED Course: NEN/13 Webinars Conducted
2.	Dr. A. R. Sainath	Professor	1/Nil	Nil	Nil	-	Nil	Nil	-	NPTEL – Topper; Investment Advisor Level 2 & Research Analyst Certification (Both from SEBI/ NIFM)
3.	Dr. Smita Harwani	Associate Professor	1/2 <sup>nd</sup> Phase	Nil	Nil	-	Nil	Nil		-
4.	Dr. Priyameet Kaur Keer	Associate Professor	-	Nil	Nil	-	Nil	Nil	-	-

Sl. No	Faculty Name/Department	Designation	No. of Papers Published Journal	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed/Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intnl.	Natnl./Intnl.	Natnl./Intnl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intnl.	Natnl./Intnl.
	<b>BSH-Mathematics</b>										
1.	Dr. Srinivasa G	Professor & HOD	1/0	5/4	1/0	-	-	-	BOS Member & VTU DC Member (2 PhDs)	0/1 Best Paper Award	-
2.	Dr. J. Kavitha	Associate Professor	0/2 (SCOPUS)	2/2	2 (Filled)	-	-	2	-	NPTEL (ELITE)	1 (Natnl)
3.	Dr. Hitesh Kumar	Associate Professor	0/1(WoS)	3/2	-	-	-	-	-	-	-
4.	Dr. A B Madhu Mohana Raju	Associate Professor	0/0	6/2	-	-	-	-	-	NPTEL ( ELITE)	-
5.	Dr. P. Baskar	Sr. Assistant Professor	4/3	4/2	-	-	-	-	-	-	-
6.	Dr. Suma T	Sr. Assistant Professor	-	3/1	-	-	-	-	-	-	-
7.	Mr. Chitirala Subrahmanyam	Sr. Assistant Professor	-	5/1	-	-	-	-	-	NPTEL (ELITE)	-
8.	Mr. Sudhir Patel	Sr. Assistant Professor	1/0	4/1	-	-	-	-	-	NPTEL (ELITE)	-





Sl. No	Faculty Name/Department	Designation	No. of Papers Published <i>Journal</i>	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed/Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intl.	Natnl./Intl.	Natnl./Intl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intl.	Natnl./Intl.
	<b>BSH-Physics</b>										
1.	Dr. Bhavya P	Sr. Assistant Professor	0/2	0+4/0	-						
2.	Dr. Prashanth K.S	Associate Professor	Nil	3/1	Nil				LSIKC,NGA (USA),SAISE (USA)		Training on Digital signature and e-attestation/SSP, GoK
3.	Dr. B. Rohini	Sr. Assistant Professor	1/1	1/1	-	-	-	-	-	-	-
4.	K. Dhanalakshmi	Sr. Assistant Professor	0/1	1	-	-	-	-	-	-	-
5.	Dr. Ramachandra Naik	Assistant Professor (2)	0/4	0/3/1(Book)	-	-	-	-	Nanosociety (MG University, Kerala)	-	-
6.	Dr. Revathi V	Professor	Nil	0/2	-	-	-	-	-	-	-
7.	Dr. Jisha P K	Associate Professor	0/1	0/2	-	-	-	-	-	-	-

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) <i>Received Amount Indicated</i>							Any Other Special Event/Initiative/Lab/Product/Startup/Achievements etc.
			Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IE/MTS/Others	
	<b>BSH-Physics</b>		-	-	-	SERB- CRG Applied				
1.	Dr Bhavya P	Sr. Assistant Professor	-	STRIDE Applied	RGS/F Received Rs. 5 Lacs/Ongoing	SUPRA Applied (22 Lakhs)	-	-	-	VGST: Rs.5 Lacs Received & Implementing the Project
2.	Dr. Prashanth K.S	Associate Professor	-	-	-	SERB Applied	-	-	-	-
3.	Dr. B. Rohini	Sr. Assistant Professor	-	-	-	-	-	-	-	-
4.	K. Dhanalakshmi	Sr. Assistant Professor	-	-	-	-	-	-	-	-
5.	Dr. Ramachandra Naik	Assistant Professor (2)	-	STRIDE Applied	-	SUPRA Applied	-	-	-	-
6.	Dr. Revathi V	Professor	Nil	Nil	Nil	SERB-SRG Applied	Nil	Nil		
7.	Dr. Jisha P K	Associate Professor	-	-	-	SERB- CRG Applied				

Sl. No	Faculty Name/Department	Designation	No. of Papers Published <i>Journal</i>	No. of Conference/Seminar/Workshop/FDP/Attended/Books Published	Patents Filed /Pub/Granted	Academic Research Guidance			Outside Invitation to BoS/BoE/Academic Council/Professional Society/Advisory Committee/Keynote/Session Chair etc	Awards/Honours Received	Visit/Exposure/Training at Various University/Industry
			Natnl./Intl.	Natnl./Intl.	Natnl./Intl.	UG	PG	PhD	Outside NHCE (Within India)/Abroad	Natnl./Intl.	Natnl./Intl.
	<b>BSH- Chemistry</b>										
1.	Dr. M. S. Raghu	Associate Professor	2/7(Scopus et al)	2/1	-	-	-	1	BoE -2, Webinar - 1	1/0 (Young Achiever)	-
2.	Dr. Parashuram. L	Assistant Professor (2)	1/5 et al (4 Elsevier, 1 Taylor & Francis)	0/1	-	-	-	-	BoS - 1	-	-
3.	Dr. Asha. P. K	Sr. Assistant Professor	0/1(Scopus)	1/3	-	-	-	-	-	-	-
4.	Dr. Piyushi Nautiyal	Sr. Assistant Professor	1/3 (Scopus)	1/1	-	-	-	-	-	-	-
5.	Dr. Prakash Krishnaiah	Sr. Assistant Professor	1/1(SCI et al)	0/1	-	-	-	-	-	-	-
6.	Ms. K. Subhashini	Sr. Assistant Professor	0/2(Scopus & SCI)	0/3	-	-	-	-	BoS - 1	-	-

Sl. No	Faculty Name/Department	Designation	R&D/Event Funding Received: Number of Project/Event (Amount in Rs. Lacs Except KSCST) Received Amount Indicated Applied/Granted/Completed/2 <sup>nd</sup> or 3 <sup>rd</sup> Phase/Year							Any Other Special Event/ Initiative/Lab/Product/ Startup/Achievements etc.
			AICTE	UGC/VTU	VGST	CSIR/SERB/DST/DRDO	KSCST in Rs.	Consultancy	IEEE/IE/MTS/Others	
	<b>BSH- Chemistry</b>									
1.	Dr. M. S. Raghu	Associate Professor	Nil	Nil	1K-FIST-L1/Nil	DST-SRG Applied	Nil	Nil	-	-
2.	Dr. Parashuram. L	Assistant Professor (2)	Nil	Nil	1RGF/Nil	-	Nil	Nil	-	-
3.	Dr. Asha. P. K	Sr. Assistant Professor	Nil	Nil	1RGS/Nil	SERB-SRG Applied	Nil	Nil	-	-
4.	Dr. Piyushi Nautiyal	Sr. Assistant Professor	Nil	VTU-TEQUIP Cell-CRFS Applied	1RGF/Nil	SERB-SRG Applied	Nil	Nil	-	-
5.	Dr. Prakash Krishnaiah	Sr. Assistant Professor	Nil	VTU-TEQUIP Cell-CRFS Applied	1K-FIST-L1/Nil	-	Nil	Nil	-	-
6.	Ms. K. Subhashini	Sr. Assistant Professor	Nil	Nil	Nil	-	Nil	Nil	-	-

**Note:** The following instructions will provide general guidelines for updating the relevant data as applicable and appropriate to the individual faculty member(s):

- All the claims need to be substantiated with appropriate links (*in case of publications*) or soft copy (*in case of project proposals*) of the supporting documents without any ambiguity.
- Publications:** Wherever there are multiple authors [when you are not the corresponding author (first author)] in a paper, then write as Co-author and when you are providing the citation, kindly write in the same order of names in which it was published in journal. Papers published as on date only should be accounted. Under review is not considered. In case of your name with other than NHCE Designation/Affiliation, kindly mention it (*May be prior to joining NHCE, you might have submitted/published during the current academic session*).
- National Conference/Seminar/Workshop/FDP Attended:** Mention only the Events/FDPs attended physically outside NHCE.
- Projects:** Wherever there are multiple authors [when you are not the PI] in a project, then write as Co-PI. In case of multiple Co-PIs, all of them must specify that Co-PI to avoid confusion (*For Example, in a Dept. they have submitted only one Project with 1 PI and 3 Co-PIs, but all the 4 are mentioning as if each one has submitted a Project, it reflect that the Dept has submitted 4 Projects! Same is the case of Papers with multiple authors!*). Attach soft copy of the Proposal submitted to the funding agency.
- Patents:** Those who have filed/published Patents on their own with multiple authors from NHCE or from outside Institutions/Universities are also need to be mentioned clearly that whether the patent disclosure has single author or multiple authors! In case, if you are not the applicant of Patent, mention as “Co-Inventor” only. In case of your name with other than NHCE Designation/Affiliation, kindly mention it (*May be prior to joining NHCE, you might have filed/published during the current academic session*). Patents filed/published should not be written as “obtained patent”, till it is getting it actually granted! (*After, publication of Patent, there is a process of examination of patents, claims/counterclaims by others etc till it is granted, need to go!*).
- PhD Guidance:** Number of PhD Guided successfully or currently Guiding with NHCE Research Centre under VTU and Outside VTU, shall be mentioned clearly. Similarly, Guiding Scholars Outside VTU, with NHCE’s current affiliations/designation or with old designation of other employer(s) etc need to be mentioned. It is required for our own records to update in NIRF/ARIIA/MIIC/CII Rankings etc.
- Outside Invitations:** Invited by Outside Agencies are alone to be reported. Invited to BoS/BoE/Academic Council of other Universities or Institutions/Professional Society/Advisory Committee/Keynote Address/Session Chair to National/International Conference etc held outside other than NHCE!
- R&D/Event Funding:** Mention clearly, the value of the Project/Proposal/Event for which it was Applied/Granted/Completed/2<sup>nd</sup> or 3<sup>rd</sup> Phase/Year etc as per the instructions cited in Sl.No. d).
- MODROBS:** As per AICTE Guidelines, HoDs of the respective Department alone can apply for it as PI. There is no provision for Co-PI, kindly avoid adding names under Co-PI for this scheme.
- KSCST:** It is the scheme, meant for students and they are alone submitting the projects and paying the registration fees. Of course, Guide will be there from Departments and he/she can take the credit as concerned Guide. However, It is a very small grant for students (*in few thousands, 2-5k!*) Hence, there is no provision for PI, in KSCST scheme. Other than the concerned Guide, do not write many names under Co-PI/Co-Guide etc, when there is no PI itself! It will undermine the spirit and will be insult to the concerned faculty members (*Rs.2k project with 3/4 students and 2/3 faculty members, may not look nice and respectable to claim!*)

# NEW HORIZON COLLEGE OF ENGINEERING

## R & D Activities

Sl.No	Patents	Year 2019-20
1	Patents Filed	37
2	Patents Published	54

## Grants

Sponsored Research Grants, Consultancy Grants & Royalty from Patents for  
the year 2018-19 - **₹8,44,31,100.00.**





**Patents Filed by Faculty Members/Students at NHCE**

Sl.No	Title of Patent/Discovery/Patent Pending No./ Patent No./ Patent Application Number	Jurisdiction/ Published in Indian Patent Journal/ Published Date	Inventors' Name Faculty Members/ Students/Emeritus Professors	Year of Application/ Grant/ Department
1.	Super charger Assembly for Small Capacity Internal Combustion Engines and Method of Using the Same – 3118 / CHE / 2011 – Intepat IP Services.	India	Dr.Manjunatha	Mechanical 2011
2.	Patent rights for Encoding of RFID, WO/2006/043876 & WO/2009/070936 Also been awarded by Sweden: SE/0402571-4	Sweden	Dr. Dhanesh G Kurup	ECE 2012
3.	<b>World's First and Largest 3D Screen (16'6") Video Simulator Ride having 20 Seats Built on 35' Truck Chassis with Expandable Auditorium On Wheels. India's First Simulator Ride ON WHEELS Built on Multi-purpose Expandable Auditorium. International Patent has been filed at Russian Federation under Utility Model Application No. 2014115371; Patent Granted No. 152801.</b>	Russian Federation / India	Dr. K. Gopalakrishnan	Mechanical 2013
4.	International Patent "Compartmentalized Air Inflated Seat" has been filed at United States Patent and Trademark Office, Foreign Filing License Granted on 09/16/2015, Number of Priority Application is US 62/211,828, Confirmation No. 6846	USA	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra	Mechanical Confirmation 2015
5.	International Patent "Dump but Smarter Phone" has been filed at United States Patent and Trademark Office, Foreign Filing License Granted on 09/24/2015, Number of Priority Application is US 62/216,380, Confirmation No. 6002	-do-	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical Confirmation 2015
6.	International Patent "Competitive Model of Institute-Industry Collaboration" has been filed at United States Patent and Trademark Office, Foreign Filing License Electronic Acknowledgement Receipt, EFS ID 24418948, number of Priority Application is 62269932, Confirmation No. 6090	-do-	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical Confirmation 2015
7.	International Patent "Mobile Theatre Type Classroom" has been filed at United States Patent and Trademark Office, Foreign Filing License Electronic Acknowledgement Receipt, EFS ID 24418944, number of Priority Application is 62269930, Confirmation No. 2137	-do-	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical Confirmation 2015
8.	International Patent "Design Education Enhancement" has been filed at United States Patent and Trademark Office, Foreign Filing License Electronic Acknowledgement Receipt, EFS ID 25289981, number of Priority Application is 62312475, Confirmation No. 5131	-do-	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical Confirmation 2015
9.	International Patent "Learning Network Growth Model" has been filed at United States Patent and Trademark Office, Foreign Filing License Electronic Acknowledgement Receipt, EFS ID 25289973, number of Priority Application is 62312472, Confirmation No. 6279	-do-	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical Confirmation 2015
10.	Smart Materials Used Inside Mobile Auditorium in Walls, on Roof and on Floor. Indian Application Number/NoC to filling at Myanmar: 2285/DEL/2015. Published in Patent Journal, 2017	New Delhi, India / Myanmar 05/2017, Dt. 03/02/2017	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical Civil 2015-16
11.	Pulse Rate Controlled Helmet. Indian Application Number/NoC to filling at Myanmar: 2288/DEL/2015 Published in Patent Journal, 2017	-do- 05/2017, Dt. 03/02/2017	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. Charu Monga	Mechanical ECE 2015-16

12.	Inflation of Compartmentalized Seat. Indian Application Number/NoC to filling at Myanmar: 2283/DEL/2015 <i>Published in Patent Journal, 2017</i>	-do- 05/2017, Dt. 03/02/2017	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical 2015-16
13.	Tilting Floor in Bus. Indian Application Number/NoC to filling at Myanmar: 2286/DEL/2015 <i>Published in Patent Journal, 2017</i>	-do- 05/2017, Dt. 03/02/2017	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical Automobile 2015-16
14.	<b>Auditorium On Trailer.</b> Indian Application Number/NoC to filling at Myanmar: 2289/DEL/2015 <i>Published in Patent Journal, 2017</i>	-do- 05/2017, Dt. 03/02/2017	<b>Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy</b>	<b>Mechanical 2015-16</b>
15.	Windows of Bus Transmitting Radio Signals for Cell Phones Inside. Indian Application Number/NoC to filling at Myanmar: 2287/DEL/2015 <i>Published in Patent Journal, 2017</i>	-do- 05/2017, Dt. 03/02/2017	Dr. K. Gopalakrishnan Dr. Saurabh Kwatra Dr. L. V. Muralikrishna Reddy	Mechanical ECE 2015-16
16.	Chlorella rotunda 18S ribosomal RNA gene, partial sequence. Accession Number: KX258768. A novel elite microalga with high natural lipid content. <i>Submitted to NCBI-GenBank-USA</i>	India	Dr. R.S. Upendra Dr. Pratima Khandelwal	Biotechnology 2015-16 Discovery
17.	Molecular characterizations of lovastatin-producing fungal isolate <i>Aspergillusterreus</i> SSM4	-do-	Dr. R.S. Upendra Dr. Pratima Khandelwal	Biotechnology 2013-14
18.	Isolation and molecular characterization of natural fungal isolates producing lovastatin <i>Aspergillusterreus</i>	-do-	Dr. R.S. Upendra Dr. Pratima Khandelwal	Biotechnology 2013-14 Discovery
19.	Molecular characterizations of lovastatin-producing fungal isolate <i>Aspergillus flavus</i>	-do-	Dr. R.S. Upendra Dr. Pratima Khandelwal	Biotechnology 2013-14 Discovery
20.	Process Patent	-do-	Dr. Pratima Khandelwal <i>et al</i>	Biotechnology 2003-04 Discovery
21.	Jacketed Pervious Bricks E-2/1427/2017-CHE and Application No. 201741018090 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Pawan Kumar K R	Civil .2017
22.	Design and Fabrication of Autonomous Lubrication of Chain E-2/1422/2017-CHE and Application No. 201741018085 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Manjunatha, Dr. M S Ganesha Prasad, Rakesh C, Vikas Kumar, Utkarsh Singh, PappuSaha, Saroj Kumar, Dr. ShirdharKurse, Puneeth. H.V, Bopanna. K.D	Mechanical 2017
23.	Dual Cam Operated Drum Brake E-2/1415/2017-CHE and Application No. 201741018078 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Likhith Sai K.S Sunil Prashanth Kumar	Automobile 2017
24.	Design and Development of Electric Powerless Refrigerator E-2/1423/2017-CHE and Application No. 201741018086 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Manjunatha Dr. M S Ganesha Prasad Ronald R Reagon Arshad Ayub, Khaiser Ahmed Mohammed Sufiyan S Abdul Samadh M.N, Lohith. N Madhusudhan, Santhosh	Mechanical 2017
25.	Glass Cleaning Automated Robot for High Rise Building Applications E-2/1417/2017-CHE and Application No. 201741018080 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Lokesh, Priyanka Sairam Dr. M. S. Ganesha Prasad Dr. Manjunatha, Dr. ShirdharKurse, Dr. BellieViswanath Chetan Kumar. D.S, Veerasha. G, Manjesh. B.C	Mechanical Auto 2017
26.	Turmeric powder ( <i>Curcuma longa Linn.</i> ) based novel plant tissue culture media by means of enhanced callus inducing and anti fungal abilities E-2/1431/2017-CHE and Application No. 201741018094 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	R.S Upendra PratimaKhandelwal Asha B.M	Biotechnology 2017
27.	Mullite ceramic Coating on cast aluminum pistons and cylinder heads for IC Engine applications E-2/1420/2017-CHE and Application No. 201741018083 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. BellieViswanath Dr. Manjunatha, Dr. M S Ganesha Prasad, Nagabhushana. N Ravikumar. M, Nagendra	Mechanical 2017

			Srinath. M.K, Kemparaju	
28.	Design of a novel Hybrid Photobioreactor for cultivation of microalgae for Biodiesel production E-2/1432/2017-CHE and Application No. 201741018095 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	R.S Upendra Pratima Khandelwal <i>Aakruti Ruia, Amulya Grace</i>	Biotechnology 2017
29.	Combined Solar and Wind Energy Water Pumping System E-2/1419/2017-CHE and Application No. 201741018082 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Manjunatha Dr. M S Ganesha Prasad Shivaprakash. S, <i>Francis Evans,</i> <i>Kumar Ankit, Deepti,</i> <i>S. Vishanth,</i> Hanamanth. Y Rajesh. A, Kamalashish Deb	Mechanical 2017
30.	Design and Fabrication of Solar Powered Bicycle E-2/1418/2017-CHE and Application No. 201741018081 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Manjunatha, Dr. M S Ganesha Prasad, Bopanna K.D, <i>Jebin Koshy Sabu, Dilshad</i> <i>Davood, Shabaz Zaheer, Joby</i> <i>James, Ronald Regan, Raghu</i> Tilak Reddy	Mechanical 2017
31.	Electronic Variable Speed Governor for Two Wheeler E-2/1433/2017-CHE and Application No. 201741018096 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	<i>Dipesh Bhushan</i>	Automobile 2017
32.	Breaking Head attachment for conducting bond strength test E-2/1421/2017-CHE and Application No. 201741018084 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Satish D	Civil 2017
33.	Novel Method for Conversion of Waste Plastic into Fuel E-2/1416/2017-CHE and Application No. 201741018079 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Manjunatha, Dr. M S Ganesha Prasad, Rakesh C <i>Siddarth Dinesh, Mohnish Raj D,</i> <i>Markose, Sandeep Ramesh,</i> Puneeth. H.V Karthik, Megha Shukla	Mechanical 2017
34.	System and Method Using Median Index Sort (MI Sort) for Integers E-2/1429/2017-CHE and Application No. 201741018092 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Prashanth CSR Dr. Mohan Kumar Beena BM, Suriya Begum Clara A, Pramila Rani	CSE 2017
35.	Apparatus and Novel Method Using Indexed Bucket Sorting Algorithm E-2/1428/2017-CHE and Application No. 201741018091 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Prashanth CSR Deepika, Jaya R, Anjana Sharma, Asha Rani, Sivabalan, Shanmugapriya Kundhavai	CSE 2017
36.	Novel Method to Ensure Wrong Window Message Alert System E-2/1430/2017-CHE and Application No. 201741018093 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Prashanth CSR	CSE 2017
37.	A Method to alert the user in case of a mobile theft/Unauthorized Use E-2/1412/2017-CHE and Application No. 201741018075 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	<i>Hari Kumar Venkatesh</i> <i>Kota Reddy Lakshmi</i>	EEE 2017
38.	Scale up studies of microalgae <i>Chlorella rotunda</i> for biolipids (Biodiesel) as third generation biofuel along with value-added product using indigenously developed Photo bioreactor E-2/1411/2017-CHE and Application No. 201741018074 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	R.S Upendra, Pratima Khandelwal, Shalini R Pallavi B, Subhasmita Nayak Swati Jain	Biotechnology 2017
39.	System and Method for Smart Sustainable and Expandable Helmet with IoT Capabilities E-2/1413/2017-CHE and Application No. 201741018076 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Vishwa. G Dr. Prashanth. CSR Dr. K. Gopalakrishnan Dr. Manjunatha, Dr. M.S. Ganesha Prasad, Dr. Nisha. KCR, Dharmambal	CSE Mechanical ECE 2017
40.	System and Method for Exo Skeleton for Lower Limb E-2/1414/2017-CHE and Application No. 201741018077 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Manjunatha, Dr. M S Ganesha Prasad, Rakesh C <i>S.M.Danish, Shivam, Harish</i> <i>Kumar Yadav, Atinder Pal Singh,</i> Puneeth. H.V, Bopanna.KD,	Mechanical 2017

			Nagabhushana. N	
41.	Multi Purpose Agricultural Robot E-2/1424/2017-CHE and Application No. 201741018087 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. Manjunatha, Dr. M S Ganesh Prasad, Shivaprakash. S <i>Chetan Kumar S, Tarihal Nandeesh P, Naveen M Vineet K Gokhale, Sujeeth</i>	Mechanical 2017
42.	Apparatus for Faculty Performance Management System in Private Business Management Educational Institutions E-2/1425/2017-CHE and Application No. 201741018088 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	Dr. G. Lakshminarayana	Management 2017
43.	Design, System and method of Jolt Anti-Lock Braking System E-2/1426/2017-CHE and Application No. 201741018089 Dt.23.05.2017	India No. 48/2018 Dt. 30/11/2018	<i>Rohith R Nair, AkhilKalibhat, Ravi Rathore, Silas Simon Isacc</i>	Automobile 2017
44.	A Sensor Ignition System for Two wheelers E-2/99/2017-KOL and Application No. 201731012865 Dt.11.04.2017	India	<i>Indranil Das</i>	EEE Automobile 2017
45.	Security Enhancement for Four Wheel Automotive System using light Stack Position E-2/1451/2017-CHE and Application No. 201741018336 Dt.25.05.2017	India 48/2018 Dt. 30/11/2018	Dr. R. Elumalai Duney. D Sam	EEE Automobile 2017
46.	Design and Installation of Economical Pico-Hydro Electrification Using Green Energy E-2/1664/2017-CHE and Application No. 2017410121383 Dt.19.06.2017	India	S. Inbasakaran Lithesh . J Karthik. M	EEE 2017
47.	Green Energy-Hybrid Renewable Power Generation (Solar-Wind) for Irrigation E-2/1663/2017-CHE and Application No. 2017410121382 Dt.19.06.2017	India	Lithesh . J S. Inbasakaran Prasanna. R	EEE 2017
48.	A Power Bank Apparatus E-2/225/2017-KOL and Application No. 201731033885 Dt.25.09.2017	India	<i>Indranil Das</i>	EEE 2017
49.	Sensorized Two USB Port Solar Charging System E-2/224/2017-KOL and Application No. 201731033884 Dt.25.09.2017	India	<i>Indranil Das</i>	EEE 2017
50.	System and Method for Reliability Assessment of Web Browsers E-2/1504/2017-CHE and Application No. 201741018883 Dt.30.05.2017	India No. 49/2018 Dt. 07/12/2018	Dr. R. Chinnaiyan Dr. V. Ilango	MCA 2017
51.	A Novel Method and apparatus for Reliability Estimation of Component Based Software Systems E-2/1505/2017-CHE and Application No. 201741018884 Dt.30.05.2017	India No. 49/2018 Dt. 07/12/2018	Dr. R. Chinnaiyan Dr. V. Ilango	MCA 2017
52.	Novel Arrangement of Apparatus, System and Method for Reaching out to Remote Rural Areas Through Voice-based Real-Time Medical Diagnostic System (RTMDS) E-2/2716/2017-CHE and Application No. 201741032333 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	<i>Ms. Neha Yalamanchi Mr. Sachin Mr. Animesh Sharma</i>	BCA/NHC 2017
53.	Novel Apparatus, System and Method for a voice based tool to have better communication E-2/2721/2017-CHE and Application No. 201741032337 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	<i>Mr. Denzel Abraham George Mr. Bhavan.A, Mr. Nikhil Riyaz, Mr. Hariraj. R, Mr. Vishwa Gopal, Mr. Sanketh S Huddar Mr. SrishaVittal, MCA., Mr. Sunil S. K, MCA., Mr. Mansoor Ahmed. F, MCA.,</i>	ECE CSE MCA R&D 2017
54.	Novel Arrangement of Apparatus, System and Method using Artificial Intelligence (AI) techniques facilitates the fruitful interaction with uneducated users E-2/2719/2017-CHE and Application No. 201741032336 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	<i>Mr. Bhavan.A, Mr. Denzel Abraham George, Mr. Nikhil Riyaz, Mr. Hariraj. R, Mr. Vishwa Gopal, Mr. Sanketh S Huddar Mr. SrishaVittal, MCA., Mr. Sunil S. K, MCA., Mr. Mansoor Ahmed. F, MCA.,</i>	CSE ECE MCA R&D 2017
55.	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform where small and large enterprises can exchange resources and work together for	India No. 11/2019	<i>Mr. Hariraj. R, Mr. Bhavan.A Mr. Nikhil Riyaz, Mr. Denzel Abraham George, Mr. Vishwa</i>	ECE CSE



	mutual benefits E-2/2718/2017-CHE and Application No. 201741032335 Dt.13.09.2017	Dt. 15/03/2019	Gopal, Mr. Sanketh S Huddar Mr. SrishaVittal, MCA., Mr. Sunil S. K, MCA., Mr. Mansoor Ahmed. F,MCA.,	MCA R&D 2017
56.	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform where all stakeholders of agricultural industry E-2/2717/2017-CHE and Application No. 201741032334 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Mr. Mansoor Ahmed. F,MCA., Mr. Sunil S. K, MCA., Mr. Bhavan.A, Mr. Denzel Abraham George, Mr. Nikhil Riyaz, Mr. Hariraj. R, Mr. Vishwa Gopal, Mr. Sanketh S Huddar Mr. SrishaVittal, MCA.,	MCA ECE CSE R&D 2017
57.	Novel Arrangement of Apparatus, System and Method for evolving the Raja's Winning Basketball Pentagon Model E-2/2707/2017-CHE and Application No. 201741032324 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. SheelanMisra	MBA Mechanical R&D 2017
58.	Novel Method of Carbon Dioxide Sequestration from Exhaust Using Zeolites E-2/2726/2017-CHE and Application No. 201741032344 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha, Dr. M S Ganesh Prasad, Manjesh B C, Raghuram Macharaja, Mohith Vijay, Navdeep S, Rohit Srinivasan S, Charan Nallode	Mechanical 2017
59.	Design of CNC Based Maintenance and Safety System for High Rise Buildings E-2/2725/2017-CHE and Application No. 201741032343 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Rakesh C, Baldev Raj C Aakash Murthy, Anwin TV Joseph, Jerry Sabore	Mechanical 2017
60.	Development of Three Wheel Handicapped Steering Propulsion Cycle E-2/2729/2017-CHE and Application No. 201741032347 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Srinath M.K, Mahesh S Praveen Kumar H.M, Satish.M	Mechanical 2017
61.	GSM Controlled Multi-Purpose Agricultural Robot E-2/2731/2017-CHE and Application No. 201741032347 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha, Dr. M S Ganesh Prasad Shivaprakash S Mohammed Sabir Chitwadgi Nurul Islam, Mohan Sharma Sandeep Sharma	Mechanical 2017
62.	Fresnel Lens and Thermoelectric Module Aided Solar Desalination Unit E-2/2732/2017-CHE and Application No. 201741032350 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Rakesh C, Charan Nallode Adhvaith M, AH.Akshay Krishna	Mechanical 2017
63.	Novel Ergonomic Industrial Seating Support E-2/2728/2017-CHE and Application No. 201741032346 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Puneeth H V, Sachin Pamadinni, N Sreevathasa CharanNallode	Mechanical 2017
64.	Design and Optimization of Lever Propelled All-Terrain Wheel Chair E-2/2724/2017-CHE and Application No. 201741032342 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Ronald Reagon, Abhash Singh, Anuraj Joshi, Abhinav Anand, Charan Nallode	Mechanical 2017
65.	Automatic Drain Cleaning Machine E-2/2734/2017-CHE and Application No. 201741032350 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Ravikumar M, BrijKishor Yadav, Tariq Hussain Gaurishankar, Suresh V B	Mechanical 2017
66.	Flexible Fixture for Towing E-2/2730/2017-CHE and Application No. 201741032348 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Nagendra J, Parameshwar Chandan Sah, Dipak Tiwari Keshav Raj	Mechanical 2017
67.	Pedal Powered Reciprocating Pump E-2/2704/2017-CHE and Application No. 201741032321 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Manjunatha Dr. M S Ganesh Prasad Nagendra J, Bachu Ravi Tejaswar Reddy, Bharath N Likith S, Nagesh K M	Mechanical 2017
68.	Improved Lead Acid Battery	India	Dr. Manjunatha	Mechanical

	E-2/2727/2017-CHE and Application No. 201741032345 Dt.13.09.2017	No. 11/2019 Dt. 15/03/2019	Dr. M S Ganesha Prasad Bopanna, <i>Aghil Babu</i> <i>Jefferey Joseph Stephen</i> <i>Joemine Gerald Joshy</i> <i>Bhanuprakash Sairam</i>	2017
69.	Novel Arrangement of Apparatus, System and Method for Experiential Learning System (ELS) and Method for Smart Coaching Team Game (MSCTG) E-2/2715/2017-CHE and Application No. 201741032332 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
70.	Novel Arrangement of Apparatus, System and Method for Evolving Winning Trilogy of Team Game (WTTG) E-2/2712/2017-CHE and Application No. 201741032329 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
71.	Novel Arrangement of Apparatus, System and Method for evaluating the major factors to be considered for the Basketball Winning Strategy (BWS) E-2/2714/2017-CHE and Application No. 201741032331 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
72.	Novel Arrangement of Apparatus, System and Method for evolving the Research Tool with Methodology and the Sequence of Study (RTMSS) E-2/2713/2017-CHE and Application No. 201741032330 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
73.	Novel Arrangement of Apparatus, System and Method for identifying effective tools and techniques for the Improvement of Performance of an Individual Player/Team (IPIPT) E-2/2710/2017-CHE and Application No. 201741032327 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
74.	Novel Arrangement of Apparatus, System and Method for developing Process Approach to Coaching Basketball (PACB) E-2/2708/2017-CHE and Application No. 201741032325 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra Dr. S. Mohankumar	MBA Mechanical R&D 2017
75.	Novel Arrangement of Apparatus, System and Method for developing the Winning Trilogy and Winning Metrics (WTWM) E-2/2703/2017-CHE and Application No. 201741032320 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra Dr. S. Mohankumar	MBA Mechanical R&D 2017
76.	Novel Arrangement of Apparatus, System and Method for developing the Raja's Taxonomy of Winning Strategies (RTWS) E-2/2721/2017-CHE and Application No. 201741032338 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra Dr. S. Mohankumar	MBA Mechanical R&D 2017
77.	Novel Arrangement of Apparatus, System and Method for evolving Winning Competency Model (WCM) E-2/2705/2017-CHE and Application No. 201741032322 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
78.	Novel Arrangement of Apparatus, System and Method for evolving Model to Identify the Parameters Influencing the Winning/Loosing (MIPIW/L) of any team game E-2/2706/2017-CHE and Application No. 201741032323 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
79.	Novel Arrangement of Apparatus, System and Method for ensuring Expected Cultural Change for Better Team Performance (ECCBTP) E-2/2702/2017-CHE and Application No. 201741032319 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
80.	Novel Arrangement of Apparatus, System and Method for Analyzing Cause and Effect Diagram for Better Performance during the Play (CAEDBP) E-2/2701/2017-CHE and Application No. 201741032318 Dt.13.09.2017	India No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Raja Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	MBA Mechanical R&D 2017
81.	Novel Arrangement of Apparatus, System and Method for	India	Dr. Kanapathy Raja	MBA

	Analyzing Cause and Effect Diagram for Winning Basketball (CAEDWB) E-2/2709/2017-CHE and Application No. 201741032326 Dt.13.09.2017	No. 11/2019 Dt. 15/03/2019	Dr. Kanapathy Gopalakrishnan Dr. Manjunatha Dr. Sheelan Misra	Mechanical R&D 2017
82.	Two In One Wheel Spanner Cum Jack Handle E-2/2924/2017-CHE and Application No. 201741034915 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Mechanical R&D 2017
83.	Novel Method and System to Increase the Berths and Seating Capacity of Rail Coaches E-2/2919/2017-CHE and Application No. 201741034910 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Dr. K. Gopalakrishnan Dr. Manjunatha	Automobile R&D 2017
84.	Novel Method and System to Increase the Safety of Rail Coaches E-2/2917/2017-CHE and Application No. 201741034907 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Dr. K. Gopalakrishnan Dr. Manjunatha	Automobile R&D 2017
85.	Novel Method and System to Increase the Internal Space of Rail Coaches with Single Channel Multi Purpose Window Sliding E-2/2909/2017-CHE and Application No. 201741034899 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Dr. K. Gopalakrishnan Dr. Manjunatha	Automobile R&D 2017
86.	Novel Method and System to Improve the Passenger Comforts in Chair Car of Rail Coach E-2/2916/2017-CHE and Application No. 201741034906 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Dr. K. Gopalakrishnan Dr. Manjunatha	Automobile R&D 2017
87.	Straight Drive Signal Indicator' for Automobiles E-2/2934/2017-CHE and Application No. 201741034936 Dt.03.10.2017	India	Dr. N. Ramani Dr. K. Gopalarishnan Dr. Manjunatha	Auto &Mech R&D 2017
88.	Method and System for Synthesizing Green Nanosilver as Reinforcing Eco-Friendly Additive to Epoxy Coating for Augmented Anticorrosive and Antimicrobial Behaviour E-2/2937/2017-CHE and Application No. 201741034939 Dt.03.10.2017	India	Dr. Manjumeena Rajarathinam	Biotech R&D 2017
89.	Method and System for Synthesizing "Green" Biocompatible Organic-Inorganic Hybrid Electrospun Nanofibers for Potential Biomedical Applications E-2/2938/2017-CHE and Application No. 201741034940 Dt.03.10.2017	India	Dr. Manjumeena Rajarathinam	Biotech R&D 2017
90.	Novel Method and System of Graphene UCAP Powered Insulin Pump E-2/2930/2017-CHE and Application No. 201741034932 Dt.03.10.2017	India	Dr. Nisha K. C. R. Prof. Anitha. A Prof. Dharmambal. V Prof. M. Karthika	ECE EEE 2017
91.	System and Method for Intelligent Data Analytics E-2/2931/2017-CHE and Application No. 201741034933 Dt.03.10.2017	India	Dr. V. Ilango Dr. R. Chinnaiyan	MCA 2017
92.	A Novel System and Framework for Time Series Analysis E-2/2939/2017-CHE and Application No. 201741034941 Dt.03.10.2017	India	Dr. V. Ilango Dr. R. Chinnaiyan	MCA 2017
93.	Firefighting with Low Cost CO <sub>2</sub> Canister E-2/2928/2017-CHE and Application No. 201741034919 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Mechanical R&D 2017
94.	Improved Windscreen Wiper E-2/2920/2017-CHE and Application No. 201741034911 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Auto &Mech R&D 2017
95.	Replacing External Jack in Vehicles with Built-in Pillar Jacks E-2/2915/2017-CHE and Application No. 201741034905 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Auto &Mech R&D 2017
96.	LED Panel to Replace Individual Tail Lamps in Automobiles E-2/2927/2017-CHE and Application No. 201741034918 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Auto &Mech R&D 2017
97.	Refrigerator with Warmer Compartment E-2/2926/2017-CHE and Application No. 201741034917 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Auto &Mech R&D 2017
98.	New Column Box that will be Suitable for Reinforced Walls	India	Dr. Wyyuru Amarnath	Civil &Mech

	Integrated with Columns E-2/2925/2017-CHE and Application No. 201741034916 Dt.03.10.2017		Wyyuru Karthick Dr. Manjunatha	R&D 2017
99.	Low Cost Precast Sections for Rural Toilets E-2/2923/2017-CHE and Application No. 201741034914 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Civil R&D 2017
100.	Bubble Jet Bottle Cap Opener E-2/2922/2017-CHE and Application No. 201741034913 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Mechanical R&D 2017
101.	A Collapsible Bubble Jet Bottle E-2/2914/2017-CHE and Application No. 201741034904 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Mechanical R&D 2017
102.	Multiple Choices Pillow with Adjustable Height E-2/2932/2017-CHE and Application No. 201741034934 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Mechanical R&D 2017
103.	A Hand Tool with Detachable Gripping/Serrated Jaw E-2/2918/2017-CHE and Application No. 201741034908 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Mechanical R&D 2017
104.	Novel Fool Proof Flow Indicator with No Rotating Parts such as Blades or Vanes E-2/2921/2017-CHE and Application No. 201741034912 Dt.03.10.2017	India	Dr. Wyyuru Amarnath Wyyuru Karthick Dr. Manjunatha	Mechanical R&D 2017
105.	Novel Arrangement of Apparatus, System and Method to Provide Convenient E-Learning Platform to Reduce Student Dropout Rates and Enhance Job Opportunities E-2/2935/2017-CHE and Application No. 201741034937 Dt.03.10.2017	India	Dr. C.S.R. Prashanth <i>Mr. Sanketh S Huddar</i> <i>Mr. Vishwa Gopal, Mr. Hariraj</i> <i>Mr. Bhavan.A, Mr. Nikhil Riyaz</i> <i>Mr. Denzel Abraham George</i> <i>Mr. SrishaVittal, MCA.,</i> <i>Mr. Sunil S. K, MCA.,</i> <i>Mr. Mansoor Ahmed. F, MCA.,</i>	CSE ECE MCA R&D 2017
106.	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform where an Uneducated Villagers can Serve as Tourist Guides or Service Providers to Tourists E-2/2936/2017-CHE and Application No. 201741034938 Dt.03.10.2017	India	Dr. C.S.R. Prashanth <i>Mr. Vishwa Gopal, Mr. Hariraj</i> <i>Mr. Bhavan.A, Mr. Nikhil Riyaz</i> <i>Mr. Denzel Abraham George</i> <i>Mr. Sanketh S Huddar</i> <i>Mr. SrishaVittal, MCA.,</i> <i>Mr. Sunil S. K, MCA.,</i> <i>Mr. Mansoor Ahmed. F, MCA.,</i>	CSE ECE MCA R&D 2017
107.	Novel Arrangement of Apparatus, System and Method for creating an efficient cloud platform to help the Uneducated Farmers and Fishermen Regarding the Weather and Water Source Related Information E-2/2933/2017-CHE and Application No. 201741034935 Dt.03.10.2017	India	Dr. C.S.R. Prashanth <i>Mr. SrishaVittal, MCA.,</i> <i>Mr. Vishwa Gopal, Mr. Hariraj</i> <i>Mr. Bhavan.A, Mr. Nikhil Riyaz</i> <i>Mr. Denzel Abraham George</i> <i>Mr. Sanketh S Huddar</i> <i>Mr. Sunil S. K, MCA.,</i> <i>Mr. Mansoor Ahmed. F, MCA.,</i>	CSE ECE MCA R&D 2017
108.	Novel Arrangement of Apparatus, System and Method of Process Approach Learning Model (PALM) for Overall Development of Students at Engineering Educational Institutions (EEl)s Using an Efficient Cloud Platform E-2/2910/2017-CHE and Application No. 201741034900 Dt.03.10.2017	India	Dr. K. Gopalakrishnan Dr. R. Manjumeena	Mechanical Biotech R&D 2017
109.	Novel Arrangement of Apparatus, System and Method of Institutional Transformation for Excellence in Corporate Education (ITECE) Model for Engineering Educational Institutions (EEl)s Using an Efficient Cloud Platform E-2/2911/2017-CHE and Application No. 201741034901 Dt.03.10.2017	India	Dr. K. Gopalakrishnan Dr. R. Manjumeena	Mechanical Biotech R&D 2017
110.	Novel Arrangement of Apparatus, System and Method of Learning Network Growth Model for Engineering Educational Institutions (EEl)s Using an Efficient Cloud Platform E-2/2912/2017-CHE and Application No. 201741034902 Dt.03.10.2017	India	Dr. K. Gopalakrishnan Dr. R. Manjumeena	Mechanical Biotech R&D 2017
111.	Novel Arrangement of Apparatus, System and Method for	India	Dr. K. Gopalakrishnan	Mechanical



	Enhancing the Competitiveness of Institute-Industry-Collaboration (IIC) at Engineering Educational Institutions (EEIs) Using an Efficient Cloud Platform E-2/2913/2017-CHE and Application No. 201741034903 Dt.03.10.2017		Dr. R. Manjumeena	Biotech R&D 2017
112.	Motion Direction Indicator for an Automobile" to communicate unequivocally to the following Vehicles 'Overtake me on the Right or Left E-2/3494/2017-CHE and Application No. 201741041142 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. N. Ramani Dr. K. Goplakarishnan Dr. Manjunatha	Automobile R&D 2017
113.	Novel System and Method of Rediscovered Piston (X-Beam Piston) E-2/3503/2017-CHE and Application No. 201741041151 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	<i>Mr. Rishav Chhabra</i>	Automobile R&D 2017
114.	Novel System and Method of DNA based Computing Model for Solving the Star Coloring Problem E-2/3496/2017-CHE and Application No. 201741041144 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. Kavitha. J	BSH R&D 2017
115.	Novel System and Method of DNA based Molecular Computing Model (MCM) to Solve the Independent Dominating Set Problem (IDSP) E-2/3495/2017-CHE and Application No. 201741041143 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. Kavitha. J	BSH R&D 2017
116.	Novel System, Arrangement of Apparatus and Method for Development of Career Design Model to Enhance Happiness Index of an Individual (CDM2EHII) E-2/3499/2017-CHE and Application No. 201741041147 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. Kanapathy Gopalakrishnan	R&D 2017
117.	Novel System, Arrangement of Apparatus, Method and Metrics for Evaluating the R&D Performance of an Individual Continuously at Higher Educational Institutions (HEIs) E-2/3501/2017-CHE and Application No. 201741041149 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. Kanapathy Gopalakrishnan Dr. L.V. Muralikrishna Reddy	Mechanical R&D 2017
118.	Novel System, Arrangement of Apparatus, Method and Metrics for Evaluating the Progress of Academic Research (PhD/MS Thesis) Work as per the Calendar of an Individual Research Scholar, Continuously at Higher Educational Institutions (HEIs) E-2/3497/2017-CHE and Application No. 201741041145 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. Kanapathy Gopalakrishnan Dr. L.V. Muralikrishna Reddy	Mechanical R&D 2017
119.	Construction of Estimated Level Based Balanced Binary Search Tree (BBST) E-2/3507/2017-CHE and Application No. 201741041155 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. V. Ilango <i>Mr. Abhishek Kumar</i>	MCA 2017
120.	Estimation of Optimal Path in Wired Networks Based on Adjacency List E-2/3509/2017-CHE and Application No. 201741041157 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. V. Ilango <i>Mr. Abhishek Kumar</i>	MCA 2017
121.	Spherical Image Encryption (SPIE) for Secured Image Storage E-2/3505/2017-CHE and Application No. 201741041153 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. V. Ilango <i>Mr. Abhishek Kumar</i>	MCA 2017
122.	Model for Detecting Sensitive Data Leakage in Private to Public Network Systems E-2/3528/2017-CHE and Application No. 201741041189 Dt.23.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. S. Mohan Kumar Dr. Jitendranath Mungara	ISE 2017
123.	Novel System and Method for Power Saving Using Pulse Width Modulation Technology (PMT) E-2/3504/2017-CHE and Application No. 201741041152 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Ms. A. Anitha Prof. Sathish Kumar	EEE 2017
124.	Novel System and Method for Smart Optimization of Demand Side Management (DSM) for Productivity E-2/3512/2017-CHE and Application No. 201741041160 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha	EEE 2017

125.	Novel System and Method of Remote Power Charging with Mechanization Efficiently by Supercapacitor E-2/3498/2017-CHE and Application No. 201741041146 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Prof. Sathish Kumar Ms. A. Anitha	EEE 2017
126.	Novel System and Method of Autonomous Controls for the Smart Operation of a Metro Train E-2/3500/2017-CHE and Application No. 201741041148 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha	EEE 2017
127.	Novel System and Method of Photovoltaic Assortment Based Power Generation System Using Nine Level Inverter E-2/3502/2017-CHE and Application No. 201741041150 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Mr. Muniprakash Mr. Mohan B. S	EEE 2017
128.	Novel System and Method of Capricious Electronic Speed Governor E-2/3513/2017-CHE and Application No. 201741041161 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Priyanka S. Kole Muniprakash	EEE 2017
129.	Novel System and Method for Smart Detection of Electricity Theft in Modern Distribution Network E-2/3508/2017-CHE and Application No. 201741041156 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Prof. Mohan B. S Ms. Kavitha Chennareddy	EEE 2017
130.	Novel System and Method for Grid Unified Solar Based Irrigation System E-2/3510/2017-CHE and Application No. 201741041158 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Prof. Sunil. S K Mr. Vinod Kumar	EEE 2017
131.	Novel System and Method for Solar Based Voltage Source Inverter (VSI) Control Brushless DC (BLDC) Motor for Pump Applications E-2/3506/2017-CHE and Application No. 201741041154 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Prof. J. Joshua Daniel Raj Mr. Vinod Kumar	EEE 2017
132.	Novel System and Method for Alleviation of Power Quality Snags Using Integrated Power Quality Conditioner E-2/3511/2017-CHE and Application No. 201741041159 Dt.17.11.2017	India No. 21/2019 Dt. 24/05/2019	Dr. R. Elumalai Dr. S. Sujitha Prof. J. Joshua Daniel Raj Ms. Karthika. M	EEE 2017
133.	Novel Arrangement of Apparatus, System and Method as an integrated Farmer Information System (FIS) E-2/3626/2017-CHE and Application No. 201741041987 Dt.23.11.2017	India	Mr. Sunil S. K, MCA., Mr. Bhavan.A, Mr. Denzel Abraham George , Mr. Nikhil Riyaz, Mr. Hariraj Mr. Vishwa Gopal, Mr. Sanketh S Huddar, Mr. SrishaVittal, MCA.,MansoorAhmed.F,MCA.,	MCA CSE ECE R&D 2017
134.	Novel Arrangement of Apparatus, System and Method for Generation of Static Charge from Electroionising Radiation E-2/3627/2017-CHE and Application No. 201741041988 Dt.23.11.2017	India	Mr. Sunil S. K, MCA., Mr. Mansoor Ahmed. F, MCA. Mr. Srisha Vittal, MCA.,	MCA R&D 2017
135.	Novel System and Method of Expanding Self-powered Multi-purpose Auditorium on Low Bed Trailer E-2/3622/2017-CHE and Application No. 201741041983 Dt.23.11.2017	India	Dr. K. Goplakarishnan Mr. Vishwa. G Dr. L. V. Muralikrishna Reddy	Mechanical Auto, CSE R&D 2017
136.	Novel System and Method of Multi-purpose Loader on Wheels E-2/3629/2017-CHE and Application No. 201741041990 Dt.23.11.2017	India	Dr. Kanapathy Gopalakrishnan Dr. L.V. Muralikrishna Reddy	Mechanical R&D 2017
137.	Novel System and Method of Multi-purpose Elevator on Wheels E-2/3631/2017-CHE and Application No. 201741041992 Dt.23.11.2017	India	Dr. Kanapathy Gopalakrishnan Dr. L.V. Muralikrishna Reddy	Mechanical R&D 2017
138.	Novel System and Method for IoT Based Herb Detection System E-2/3625/2017-CHE and Application No. 201741041986 Dt.23.11.2017	India	Prof. Dharmambal. V Dr. Nisha. K. C. R Ms. Bhavana. C Mr. Anirudhdha. C	ECE 2017
139.	Novel System and Method of Powering Bulb Using Piezo-Sensor and Power Management System with Zero Energy E-2/3624/2017-CHE and Application No. 201741041985 Dt.23.11.2017	India	Prof. Dharmambal. V Dr. Nisha. K. C. R Ms. Bhavana. C Mr. Anirudhdha. C	ECE 2017
140.	Novel System and Method of Self-Breathable Improved	India	Dr. K. Goplakarishnan	Mechanical

	Anti-Snoring Strap E-2/3623/2017-CHE and Application No. 201741041984 Dt.23.11.2017		Mr. Vishwa. G Dr. L. V. Muralikrishna Reddy	CSE R&D 2017
141.	Novel System, Method and Arrangement of Improved Anti-Snoring Pillow E-2/3630/2017-CHE and Application No. 201741041991 Dt.23.11.2017	India	Dr. K. Goplakarishnan Dr. M.S. Ganesha Prasad Mr. Vishwa. G Dr. L. V. Muralikrishna Reddy	Mechanical CSE R&D 2017
142.	<a href="#">Novel System and SrinivasaGovindaiah (SG) Algorithmic Method to any Harmonic Analysis Problem up to the First Harmonic Coefficients Using Built-In Functions of CASIO fx-991MS Scientific Calculator</a> E-2/449/2018-CHE and Application No. 201841005150 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Dr. Srinivasa Govindaiah	Maths 2018
143.	Novel System, Design and Method of Hybrid Solar Water Heating System E-2/450/2018-CHE and Application No. 201841005151 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Mr. Nagabhushana. N	Mechanical 2018
144.	Novel System and Method of Fabrication of Small Scale Sugarcane Harvesting Machine E-2/451/2018-CHE and Application No. 201841005152 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Dr. M S Ganesha Prasad Mr. Ravi Kumar M Mr. Kishore K Reddy Mr. Narayana Swamy Mr. Sagar M H Mr. Siddaling	Mechanical Auto 2018
145.	Novel System, Design and Method of Vertical Stack Exhaust System to Control Direct Emission E-2/452/2018-CHE and Application No. 201841005153 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Mr. Rakesh C Mr. Abhijith N Mr. Harshavardhan V S Mr. Nagesha N Mr. Sharanakumar	Mechanical Auto 2018
146.	Novel System, Design and Method of Design and Development of Power Generating Revolving Door E-2/453/2018-CHE and Application No. 201841005154 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Mr. Ronald Reagon R Mr. Venkat Sujith Krishna Mr. Reddy Mohan Posa Mr. Vinaya Prasad M.V Mr. V.Avinash	Mechanical EEE 2018
147.	Novel System, Design and Method of Design and Development of Smart Wheel to Two Wheeler for Physically Challenged. E-2/454/2018-CHE and Application No. 201841005155 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Mr. Ravi Kumar M Mr. Tejas.K.M Mr. Sharif.M.Nadaf Mr. Chowdeshwar.B Mr. Pramoda.G.K	Mechanical Auto 2018
148.	Novel System, Design and Method of Mechanical Characterization of Natural Fiber Reinforced Polymeric Composites With and Without Filler E-2/455/2018-CHE and Application No. 201841005156 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Mr. Vijay B.R. Mr. Bharath Bushan Reddy N Mr. Suraj S Hegde Mr. Pratish R Reddy Mr. Akhil A P	Mechanical Auto 2018
149.	Novel System, Design and Method of Water Injection for Two Wheeler Engines. E-2/456/2018-CHE and Application No. 201841005157 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Dr. M S Ganesha Prasad Mr. Suhaas.P Mr. Akshay.K.S Mr. Rijin Pavithran Mr. Chinna Thambi.M	Mechanical Auto 2018
150.	Novel System, Design and Method of Design and Development of Gearless Power Transmission Using Scotch Yoke Mechanism. E-2/457/2018-CHE and Application No. 201841005158 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Dr. M S Ganesha Prasad Mr. Srinath M K Mr. Manoj R Mr. Kantharaj N Mr. Praveen Kumar A Mr. Karhik L	Mechanical Auto 2018
151.	Novel System, Design and Method of Design and Development of Bladeless Vertical Wind Mill E-2/458/2018-CHE and Application No. 201841005159 Dt.12.02.2018	India No. 33/2019 Dt.16/08/2019	Dr. M S Ganesha Prasad Mr. Ravi Kumar M Mr. Mandeep Singh Mr. Aditya Kumar Gupta Mr. Sumit Kumar Mr. Amir Sohil	Mechanical Auto 2018
152.	<a href="#">Novel System, Method and Design and Fabrication of Manual and Automated System for Hydroponic Fodder</a> E-2/1141/2018-CHE and Application No. 201841013785 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Mr. Ravi Kumar M Mr. Aneesh Gopal Mr. Krishna Maruthi Mr. Naga Chowdary Mr. Umakanth B S	Mechanical Auto 2018

153.	Novel System, Method of Design and Development of Eco-Friendly Refrigeration System. E-2/1142/2018-CHE and Application No. 201841013786 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Mr. Ronald Reagon R Mr. Karthigayan R M Mr. Mahiboobu Mr. Manjunath Yelde Mr. Manoj	Mechanical Auto 2018
154.	A Study on Power Generation from Fluid Flowing Through Pipes. E-2/1143/2018-CHE and Application No. 201841013787 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Mr. Rakesh C Mr. Abhishek V Reddy Mr. Anuj M Thomas, Mr. Arun R Mr. Hafiz Kassim	Mechanical Auto 2018
155.	Mosquito Repellent Soap (MRS) - a novel formulation using N, N-Diethylbenzamide DEBA – In the forms of Detergent soap (MRS-D), Bath soap (MRS-B), Liquid soap (MRS-L) and Paper soap (MRS-P). E-2/1144/2018-CHE and Application No. 201841013788 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Dr.H.Ananda Vardhan Mr. Pradeep S Mr. SinchanHait Mr. Vishal K. Mr. Shiladitya Banerjee Mr. Mohammed Mubassir	Biotechnology 2018
156.	Novel System, Method and Design of Smart Helmet for Air Quality and Hazardous Event Detection using Smart Band System E-2/1145/2018-CHE and Application No. 201841013789 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Dr. S Mohan Kumar Mrs. J. Karthiyayini Dr. Jitendranath Mungara	ISE 2018
157.	Novel System, Method and Design of Emergency Rescue System with IOT And Wireless Sensors E-2/1146/2018-CHE and Application No. 201841013790 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Mrs. J. Karthiyayini Dr. S Mohan Kumar Dr. Jitendranath Mungara	ISE 2018
158.	Novel System, Method and Design of Mathematical Modeling of Controlled Drug Delivery System E-2/1147/2018-CHE and Application No. 201841013791 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Mr. Sudhir Patel	Maths 2018
159.	Novel System, Method and Design of Solar Panel Deployment Mechanism for Cold Storage On Wheels E-2/1148/2018-CHE and Application No. 201841013792 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Dr. K. Gopalakrishnan Dr. L.V. Muralikrishna Reddy Mr. Anil Nakka Mr. Vishwa. G	R&D CSE 2018
160.	Novel System and Method of Rishav Chhabra-Intelligent Arc Valve (RC-i Arc Valve) E-2/1149/2018-CHE and Application No. 201841013793 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Mr. Rishav Chhabra	Auto 2018
161.	<a href="#">Novel System, Method and Design of IoT Based Real Time- Remote Healthcare Monitoring System</a> E-2/1150/2018-CHE and Application No. 201841013794 Dt 11.04.2018	India 42/2019 Dt 18/10/2019	Dr. S Mohan Kumar Mrs. J. Karthiyayini Dr. Jitendranath Mungara	ISE 2018
162.	<a href="#">Novel System, Method and Design of Swarm Detection and Beehive Monitoring System Using Auditory and Microclimatic Analysis</a> E-2/2458/2018-CHE and Application No. 201841030647 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Nirmal Anand V Bharath Raj, Ullas M S S P Rahul Kumar Sachin B S Ashutosh Srivastava	ECE 2018
163.	Novel System, Method and Design of Lubrication System for 2 Stroke Petrol Engine E-2/2459/2018-CHE and Application No. 201841030648 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
164.	Novel System, Method and Design of Rishav Chhabra-Torque Piston (RC-T Piston) E-2/2460/2018-CHE and Application No. 201841030649 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Rishav Chhabra	Auto 2018
165.	Novel System, Method and Design of N-2 PISTON E-2/2461/2018-CHE and Application No. 201841030650 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
166.	Novel System, Method and Design of N-2 CHARGER E-2/2462/2018-CHE and Application No. 201841030651 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
167.	Novel System, Method and Design of Compressed Air Generation from Suspension of Automobiles for Pneumatic Applications E-2/2463/2018-CHE and Application No. 201841030652 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Dr. M S Ganesha Prasad Ravi Kumar M	Mechanical Auto 2018



168.	Novel System, Method and Design and Optimization of Blades for Solar Grass Cutter E-2/2464/2018-CHE and Application No. 201841030653 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Rakesh C Aditya Pradhan Sumit Kumar Ansuman Dalai	Mechanical Auto 2018
169.	Novel System, Method and Design and Development of Magnetic Elevator. E-2/2465/2018-CHE and Application No. 201841030654 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Ravi Kumar Md. Asadulla Shariff Akshay Kumar Rathor Abhay Pratap Singh	Mechanical Auto 2018
170.	Novel System, Method and Design of Electronic Fuel Injection System (EFIS) for N-2 Stroke Engine E-2/2466/2018-CHE and Application No. 201841030655 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Narasimha. R. V	Auto 2018
171.	Novel System, Method and Design of Multifunctional Smart Construction Equipment E-2/2467/2018-CHE and Application No. 201841030656 Dt 16.08.2018	India 08/2020 Dt 21/02/2020	Mr. Rijan Kafle	Mechanical 2018
172.	<a href="#">Novel System, Design and Methods of Circular Stack Can Satellite (CSCS)</a> E-2/3624/2019-CHE and Application No.201941046496 Dt 15/11/2019	India	Denzel Abraham George Tarun Sai Reddy, Shyam S Hariraj Rajkumar, Sainath Vamshi, Sanketh S Huddar Nikhil Riyaz, Athira Ajayakumar Dr. Nisha K C R Ashwin Shankar Reddy Vishwa Gopal, Sriram Gupta K Bhavana Savanth, Jaiteg Singh Joshua Tom Jaccob Dr. Mohankumar. S	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
173.	Novel System, Design and Methods of Compact CanSat: Satellite in a CAN E-2/3625/2019-CHE and Application No.201941046497 Dt 15/11/2019	India	Hariraj Rajkumar, Sainath G V Sanketh S H, Nikhil R Athira A K, Dr. Nisha K C R Denzel A G, Tarun S T Shyam S, Ashwin S R Vishwa Gopal, Sriram G K Bhavana Savanth, Jaiteg Singh Joshua T J, Dr. Mohankumar. S	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
174.	Novel System, Design and Methods of Vertical Stack A-Nano CanSat (VSANCS) E-2/3626/2019-CHE and Application No.201941046498 Dt 15/11/2019	India	Ashwin Shankar Reddy Hariraj Rajkumar, Vishwa Gopal, Dr. Sudha J Dr. Sujitha S, Sriram Gupta K Sainath Vamshi, Nikhil Riyaz Athira Ajayakumar Sanketh S Huddar Denzel Abraham George Tarun Sai Reddy, Shyam S Bhavana Savanth, Jaiteg Singh Joshua Tom Jacob Mithun Venkat	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
175.	Novel System, Design and Methods of A-Nano Pocket CubeSat (ANPCS) E-2/3627/2019-CHE and Application No.201941046499 Dt 15/11/2019	India	Hariraj Rajkumar, Vishwa Gopal Dr. Sudha Joseph, Suganya M Dr. Kavitha Joseph Sainath Vamshi, Nikhil Riyaz Athira Ajayakumar Sanketh S Huddar Denzel Abraham George Bhavana Savanth, Jaiteg Singh Joshua Tom Jacob, Mithun Venkat, Ashwin Shankar Reddy	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
176.	Novel System, Design and Methods of Vertical Stack Rectangular Board CanSat (VSRBCS) E-2/3628/2019-CHE and Application No.201941046500 Dt 15/11/2019	India	Sainath Vamshi, Nikhil Riyaz Athira Ajayakumar, Dr. Sujitha S Dr. Sudha Joseph Denzel Abraham George Tarun Sai Reddy, Shyam S Hariraj Rajkumar Sanketh S Huddar Ashwin Shankar Reddy	ECE, CSE, ME, EEE, ISE and R&D Cell 2019

			Vishwa Gopal, Sriram Gupta K Bhavana Savanth, Jaiteg Singh Joshua Tom Jacob, Mithun Venkat	
177.	Novel System, Design and Methods of Compact Interchangeable Stack CanSat (CICS) E-2/3629/2019-CHE and Application No.201941046501 Dt 15/11/2019	India	Nikhil Riyaz, Athira Ajayakumar Dr. Sujitha S, Denzel Abraham George Tarun Sai Reddy, Shyam S Hariraj Rajkumar, Sainath Vamshi, Sanketh S Huddar Ashwin Shankar Reddy Vishwa Gopal, Sriram Gupta K Bhavana Savanth, Jaiteg Singh Joshua Tom Jacob, Mithun Venkat	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
178.	Novel System, Method and Design of Swing Arm Configuration with Double Degree of Freedom (SA-DDF) E-2/3630/2019-CHE and Application No.201941046502 Dt 15/11/2019	India	Mr. Naveen Raj. L	Auto 2019
179.	Novel System, Method and Approach "VISTHAP" to Ensure Complete Combustion of Fuel inside Engine E-2/3631/2019-CHE and Application No.201941046503 Dt 15/11/2019	India	Mr. Naveen Raj. L	Auto 2019
180.	Novel System, Method and Design of High Frequency Temperature Compensated Crystal Oscillator E-2/3632/2019-CHE and Application No.201941046504 Dt 15/11/2019	India	Dr. Sujitha. S	EEE 2019
181.	Novel System and Method of DNA Computing Towards the Solution of Minimum Vertex Cover Problem E-2/3633/2019-CHE and Application No.201941046505 Dt 15/11/2019	India	Dr. Kavitha J Mr. Vishwa Gopal	CSE & Maths 2019
182.	Novel System, Method And Design of a CPRINCE Automatic Drive Chain Adjustor and Wheel-Base Toggler E-2/3634/2019-CHE and Application No.201941046506 Dt 15/11/2019	India	Mr. Mounesh Nagalingappa Rampur Mr. Udaykumar.M Joli	Auto 2019
183.	Novel System, Method and Design of a Saddle Height and Inclination Adjustment Device Along With a Motorcycle E-2/3635/2019-CHE and Application No.201941046507 Dt 15/11/2019	India	Mr. Mounesh Nagalingappa Rampur	Auto 2019
184.	Novel System, Method and Design of a Saddle Elevation Adjustment Device for a Motorcycle E-2/3636/2019-CHE and Application No.201941046508 Dt 15/11/2019	India	Mr. Mounesh Nagalingappa Rampur	Auto 2019
185.	Novel System, Method and Design of a Multi Functional Rear Saddle System E-2/3637/2019-CHE and Application No.201941046509 Dt 15/11/2019	India	Mr. Mounesh Nagalingappa Rampur	Auto 2019
186.	Novel System, Method and Design of a Motorcycle Ascender Mechanism E-2/3638/2019-CHE and Application No.201941046510 Dt 15/11/2019	India	Mr. Mounesh Nagalingappa Rampur	Auto 2019
187.	Novel System, Method and Design of Paper Bags Making Machine E-2/3639/2019-CHE and Application No.201941046511 Dt 15/11/2019	India	Prof. Veeresh C, Varun U. Chebbi Soumyadip Saha Suresh Yadav, Rohit	Mechanical 2019
188.	Novel System, Method and Approach of Undithering based on Linear Filtering and Nonlinear Diffusion E-2/3640/2019-CHE and Application No.201941046512 Dt 15/11/2019	India	Dr. Asha. V	MCA 2019
189.	Novel System and Method of Relation Between Sub Arithmetic and Arithmetic Series E-2/3641/2019-CHE and Application No.201941046513 Dt 15/11/2019	India	Vishal Gupta	
190.	Novel System, Method And Design of a SAS-Variable	India	Asiya. F	Auto

	Tuning-Rear Suspension and Enhanced Comfort E-2/3642/2019-CHE and Application No.201941046514 Dt 15/11/2019		Sharan P.R Sadiq. H. Sipayi	2019
191.	Novel System and Method of BycEco-The Electric Bicycle E-2/3643/2019-CHE and Application No.201941046515 Dt 15/11/2019	India	Dr. Sanjeev Sharma Rahul Bhimrao Aher	ECE 2019
192.	<a href="#">Novel System, Design and Arrangement of 3U QubeSat (3UQS)</a> E-2/3814/2019-CHE and Application No.201941048764 Dt 28/11/2019	India	Hariraj Rajkumar, Vishwa G, Dr. Sudha J, Dr. KavithaJ, Sainath V, Nikhil R, Athira A K, Sanketh S H, Denzel A George, Bhavana Savanth, Jaiteg Singh Joshua T J, Mithun Venkat Ashwin Shankar Reddy	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
193.	Novel System, Design and Arrangement of 2U QubeSat (2UQS) E-2/3815/2019-CHE and Application No.201941048765 Dt 28/11/2019	India	Nikhil R, Hariraj R, Vishwa G, Dr. Sudha J, Dr. Kavitha J, Sainath V, Athira A K, Sanketh S H, Denzel Abraham George Bhavana Savanth, Jaiteg Singh Joshua T J, Mithun Venkat Ashwin Shankar Reddy	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
194.	Novel System and Method of Dynamic Toll Charge System for TrafficManagement E-2/3816/2019-CHE and Application No.201941048766 Dt 28/11/2019	India	Ms.Mounica P, Dr.R. J.Anandhi Dr. S. Mohan Kumar Ms. Vandana, Ms. Swathi Ms. Merlin Mathew Ms. Aishwarya Balakrishnan Ms. Bikky Kumar Goit	ISE 2019
195.	Novel System, Method and Approach for Real-Time Dynamic Potholes AlertSystem (DPAS) for TwoWheelers Based on Sensor Devices and Android Based Application E-2/3817/2019-CHE and Application No.201941048767 Dt 28/11/2019	India	Dr. R. J. Anandhi Dr. S. Mohan Kumar Mrs. J. Karthayayini Mrs. Rafega Beham	ISE 2019
196.	Novel System, Design and Arrangement of 1U QubeSat (1UQS) E-2/3818/2019-CHE and Application No.201941048768 Dt 28/11/2019	India	Denzel Abraham George Hariraj R, Vishwa G, Dr. Sudha Joseph, Dr. Kavitha Joseph Sainath V, Nikhil R, Athira A K, Sanketh S H, Bhavana Savanth, Jaiteg Singh, Joshua Tom Jacob Mithun V, Ashwin S Reddy	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
197.	Novel System, Design and Making of Device Uses Neo Pixel Built-in Full Color Driving Lights Circular or Square PCB for TubeSat/CanSat/CubeSat E-2/3819/2019-CHE and Application No.201941048769 Dt 28/11/2019	India	Hariraj Rajkumar, Vishwa G, Dr. Sudha J, Dr. KavithaJ, Sainath V, Nikhil R, Athira A K, Sanketh S H, Denzel A George, Bhavana Savanth, Jaiteg Singh Joshua T J, Mithun Venkat Ashwin Shankar Reddy	ECE, CSE, ME, EEE, ISE and R&D Cell 2019
198.	Novel System, Method and Approach of Singular Value Decomposition (SVD)and Periodicity BasedCompression of Images of Structural Textures E-2/3820/2019-CHE and Application No.201941048770 Dt 28/11/2019	India	Dr. Asha. V	MCA 2019
199.	Novel System and Method of GRZMOT Mine E-2/3821/2019-CHE and Application No.201941048771 Dt 28/11/2019	India	Mohammed Ghassan Devashrutha S Naveen K M Dr. Sanjeev Sharma Naveen H	ECE 2019
200.	Novel System and Method for Automated Glass/Stainless Steel Tumbler Cleaner E-2/3822/2019-CHE and Application No.201941048772 Dt 28/11/2019	India	Gaurav Sharma Naimish Kumar Bareek Nikhil Prajapati	EEE 2019
201.	Novel System and Method of Design and Fabrication of Solar Dryer with Vapor Absorption Refrigeration E-2/3823/2019-CHE and Application No.201941048773 Dt 28/11/2019	India	Ronald Reagon R Dhanush H N Kaushik K N Maharaj S B Mani Kumar R	Mechanical Auto 2019

202.	Novel System, Method, Idea and Design of Selective Disinfectant Spray Pathway (SDSP) TEMP/E-1/16961/2020-CHE and Application No.202041015744 Dt 10/04/2020	India	Hariraj Rajkumar Durairaj Rajkumar	ECE R&D 2020
203.	Novel System, Method and Design of Ambu Bag Ventilator System (ABVS) Application No. 202041016881 Dt 20.04.2020	India	Nikhil Riyaz	ECE R&D 2020
204.	A Handkerchief To Fight Against Viral Infections and a Method of Fabricating the Handkerchief Application No. 202041017169 Dt 21/04/2020	India	Dr. M.S. Ganesha Prasad Sainath Vamshi	ME CSE 2020
205.	A PocketQube Satellite (PQ Sat) Device Application No. 202041019888 Dt 11/05/2020	India	Hariraj Rajkumar	ECE R&D 2020
206.	The Remote Health Monitoring System with Wireless Sensor and IoT through Multivariate Medical Data M Application No. 201941044768 A Dt 05/11/2019	India 47/2019 Dt 22/11/2019	Dr. P. Mangayarkarasi et al (7) Filed by KLEF, Guntur, AP	ISE 2019
207.	Ensemble Multi-Stage System and Method to Predict Underwater Seismic Rated on Aquatic Behavior Application No. 202011009855 A Dt 07/03/2020	India 12/2020 Dt 20/03/2020	Dr. P. Mangayarkarasi et al (7) Filed by BPIT, New Delhi	ISE 2020
208.	Unmanned Aerial Vehicle (UAV) to Autonomously and Wirelessly Monitor Security Application No. 202041010349 A Dt 11/03/2020	India 11/2020 Dt 13/03/2020	Dr. K. Saravanan et al (7) Filed by PCT, Namakkal, TN	ISE 2020
209.	A System and Method for Automatic Street Lamp Lighting and Energy Saving Control Application No. 201941039625 A Dt 30/09/2019	India 42/2019 Dt 18/10/2019	Dr. B. Gunapriya et al (11) Filed by her with Others	EEE 2019



## Consolidated List of Sponsored Research Grants, Consultancy Grants & Royalty from Patents for Last 6 Years

Nature of Grant	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	Amount in Rs.
Research Projects Grants	6,76,24,000.00	6,33,82,382.00	1,24,34,275.00	78,97,000.00	55,07,000.00	20,20,000.00	15,88,64,657.00
Consultancy Grant	1,16,57,100.00	89,67,000.00	76,48,900.00	47,64,000.00	47,22,000.00	47,04,276.00	4,24,63,276.00
Commercialization of Research Results/ Licensing of IPR/ Patents	51,50,000.00	37,50,000.00	23,00,000.00	11,00,000.00	8,00,000.00	50,000.00	1,31,50,000.00
<b>Total</b>	<b>8,44,31,100.00</b>	<b>7,60,99,382.00</b>	<b>2,23,83,175.00</b>	<b>1,37,61,000.00</b>	<b>1,10,29,000.00</b>	<b>67,74,276.00</b>	<b>21,44,77,933.00</b>

# **ANNEXURE-8**

# NEW HORIZON COLLEGE OF ENGG.

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## Pre-Qualifier Pro-forma for UG Engineering & Technology Programs

Print

Institute Name: NEW HORIZON COLLEGE OF ENGG.		Program Name : Civil Engg.	
Discipline: Engineering & Technology		Level : Under Graduate	
		Tier: 1	

### Program Specific Information

NAME OF PROGRAM	PROGRAM APPLIED LEVEL	START OF YEAR	YEAR OF AICTE APPROVAL	INITIAL INTAKE	INTAKE INCREASE	CURRENT INTAKE	ACCREDITATION STATUS	From	To	PROGRAM FOR CONSIDERATION	PROGRAM FOR Duration
BACHELOR OF ENGINEERING	UG	2009	2009	60	Yes	180	Granted accreditation for 3 years for the period (specify period)	2017	2020	Yes	4

#### Sanctioned Intake for Last Five Years for the BACHELOR OF ENGINEERING

Academic Year	Sanctioned Intake
2019-20	180
2018-19	180
2017-18	120
2016-17	120
2015-16	120
2014-15	120

### Student Admission

#### Student Admissions (Institute level considering all UG programs)

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake	1200	1080	1020	3300
Number of students admitted (Corresponding to sanctioned intake)	1145	1080	1020	3245
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				98.33

#### Student Admissions (Program specific)

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake of the program (N)	180	180	120	480
Number of students admitted (Corresponding to sanctioned intake)	140	180	120	440
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				91.67

### Information of Faculty

Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Current Designation	Date (Designated as Prof/Assoc. Prof.)	Initial Date of Joining	Association Type	Currently Associated with(Yes/No)	In case of NO, Date of Leaving	IS HOD?
Dr. Niranjana P S	AAYPN7064R	ME/M. Tech and PhD	30/12/2014	Construction Technology	Professor	19/01/2015	19/01/2015	Regular	Yes		Yes
Dr.Murali Krishna	ADLPM6636N	ME/M. Tech and PhD	01/12/1998	Transportation Engineering and Management	Professor	26/07/2017	26/07/2017	Regular	Yes		No
Dr.Jagadeesh C B	AIQPB6707M	ME/M. Tech and PhD	22/07/2017	Geo Technical Engineering	Professor	23/07/2018	23/07/2018	Regular	Yes		No
Dr. Balamurugan	VRBPB4210K	ME/M. Tech and PhD	04/10/2012	Structural Engineering	Professor	01/08/2019	26/07/2017	Regular	Yes		No
Mr. Surendra B V	ABQPB4232L	M.E/M.Tech	02/05/2005	Structural Engineering	Associate Professor	01/08/2013	01/08/2013	Regular	Yes		No
Dr. Geetha Varma V	ABHPV6260H	ME/M. Tech and PhD	11/05/2017	Environmental Engineering	Associate Professor	01/08/2017	25/07/2012	Regular	Yes		No
Dr. Vinay Kumar B M	AIUPV1369F	ME/M. Tech and PhD	19/04/2018	Engineering Management	Associate Professor	16/07/2018	16/07/2018	Regular	Yes		No
Mr. Satish Deosugur	BZBPS0702C	M.E/M.Tech	06/10/2011	Highway Technology	Assistant Professor		24/07/2013	Regular	Yes		No
Mr. Sunil M Horaginamani	ABOPH6776F	M.E/M.Tech	23/02/2004	Structural Engineering	Assistant Professor		23/01/2017	Regular	Yes		No
Mr. Rajendra T N	BWEPR7146D	M.E/M.Tech	29/11/2013	Structural Engineering	Assistant Professor		21/07/2014	Regular	Yes		No
Dr. Giri Prasad	APAPG2617J	ME/M. Tech and PhD	06/05/2019	Geo Technical Engineering	Associate Professor	17/07/2019	17/07/2019	Regular	Yes		No
Mr. Harish G R	AMPPH2742F	M.E/M.Tech	16/12/2013	Transportation Engineering and Management	Assistant Professor		20/07/2015	Regular	Yes		No
Mr. Sudhakar G N	FBKPS0963N	M.E/M.Tech	12/11/2012	Construction Technology	Assistant Professor		23/01/2017	Regular	Yes		No
Dr. Harish Velagiri	ADKPH8890C	ME/M. Tech and PhD	01/12/2016	Geo Technical Engineering	Associate Professor	26/07/2017	26/07/2017	Regular	Yes		No
Ms. Ramya H S	BCVPR5078K	M.E/M.Tech	09/04/2012	Computer aided Design Structures	Assistant Professor		16/07/2018	Regular	Yes		No
Ms. Suma Parlada	ECSPF6209D	M.E/M.Tech	20/07/2011	Construction Technology	Assistant Professor		20/07/2015	Regular	Yes		No
Ms. SwettiJha	ANJPJ4652K	M.E/M.Tech	01/07/2011	Environmental Engineering	Assistant Professor		25/07/2012	Regular	Yes		No
Ms. Snehal Rajendra Lahande	AJLPL4327K	M.E/M.Tech	18/04/2013	Structural Engineering	Assistant Professor		20/07/2015	Regular	Yes		No
Mr. Pawan Kumar K R	AYTPP4333N	M.E/M.Tech	16/06/2014	Infrastructure Construction Management	Assistant Professor		10/08/2015	Regular	Yes		No
Mr. Nitish Kumar K	AVYPN7970M	M.E/M.Tech	14/02/2014	Transportation Engineering and Management	Assistant Professor		23/01/2017	Regular	Yes		No
Mr. Channabasava	BDNPC6567K	M.E/M.Tech	16/09/2015	Pre.stressed Concrete	Assistant Professor		16/07/2018	Regular	Yes		No
Mr. Yogesh K S	AIIPY2291B	M.E/M.Tech	06/04/2015	Structural Engineering	Assistant Professor		30/07/2018	Regular	Yes		No
Ms. Serin	EKLPK8854F	M.E/M.Tech	25/06/2015	Geo Technical	Assistant		25/07/2016	Regular	Yes		No



Issac				Engineering	Professor						
Mr. Vijay N C	ANBPV6733B	M.E/M.Tech	17/08/2015	Infrastructure Construction Management	Assistant Professor		16/08/2016	Regular	Yes		No
Mr. Sandeep .T.D	GEYPS2224L	M.E/M.Tech	17/09/2015	Earthquake Engineering	Assistant Professor		25/07/2016	Regular	Yes		No
Mr. Prakash Appasaheb Nayakar	ATDPN5480F	M.E/M.Tech	21/12/2015	Structural Engineering	Assistant Professor		13/02/2017	Regular	Yes		No
Ms. Geethu V	APVPV6911R	M.E/M.Tech	16/09/2016	Environmental Engineering	Assistant Professor		17/07/2019	Regular	Yes		No
Mr. Rahul N K	BILPR5029N	M.E/M.Tech	11/05/2018	Structural Engineering	Assistant Professor		16/07/2018	Regular	Yes		No
Ms. Meghana A Patankar	DFDPP9516K	M.E/M.Tech	11/08/2015	Structural Engineering	Assistant Professor		26/07/2017	Regular	Yes		No
Mr. Ranganathan Bangalore Alwar	AASPR0497A	M.E/M.Tech	01/08/1989	Environmental Engineering	Associate Professor	16/01/2014	16/01/2014	Regular	No	26/05/2018	No
Mr. Dayalan	AJRPD8077G	M.E/M.Tech	09/08/2003	Structural Engineering	Assistant Professor		20/07/2015	Regular	No	26/05/2018	No
Ms. Shalini Rankavat	AZHPR6016M	M.E/M.Tech	01/06/2006	Transportation Engineering	Assistant Professor		28/01/2015	Regular	No	26/05/2018	No
Ms. Sujatha Kota	ANQPK0900J	M.E/M.Tech	02/04/2007	Structural Engineering	Assistant Professor		26/07/2010	Regular	No	26/05/2018	No
Dr. Ranganathan	AQNPR7750F	ME/M. Tech and PhD	01/12/2016	Structural Engineering	Associate Professor	26/07/2017	26/07/2017	Regular	No	26/05/2018	No
Mr. Raghavendra K	BJBPR0432G	M.E/M.Tech	05/05/2016	Geographical Information System	Assistant Professor		18/07/2016	Regular	No	26/05/2018	No
Dr. Ranganathan	AQNPR7750F	ME/M. Tech and PhD	01/12/2016	Structural Engineering	Associate Professor	18/03/2019	18/03/2019	Regular	Yes		No
Dr. Natchimuthu Subramani	AHKPN6411D	ME/M. Tech and PhD	06/03/2017	Structural Engineering	Associate Professor	26/07/2017	26/07/2017	Regular	Yes		No
Ms. Sathya Priya	BVLPS6183F	M.E/M.Tech	01/04/2006	Water Resources Engineering	Assistant Professor		24/07/2013	Regular	Yes		No

Designation	Number of faculty in the Department for both UG and PG *		
	2019-20	2018-19	2017-18
Professor	4(R) + 0(C)	3(R) + 0(C)	2(R) + 0(C)
Associate Professor	6(R) + 0(C)	5(R) + 0(C)	5(R) + 0(C)
Assistant Professor	22(R) + 0(C)	21(R) + 0(C)	22(R) + 0(C)
Number of Ph.D (as per the AICTE norms)	10	8	7

\* At least one Professor or Associate professor with Ph.D. degree on regular basis should be available exclusively for the department of the program under consideration.

## Student Faculty Ratio (No. of faculty as per the sanctioned intake)

UG

No. of UG Programs in the Department : 1

BACHELOR OF ENGINEERING						
Year of Study	CAY		CAYm1		CAYm2	
	(2019-20)		(2018-19)		(2017-18)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
Sub-Total	420	63	360	72	360	72
Total	483		432		432	

BACHELOR OF ENGINEERING						
Year of Study	CAY		CAYm1		CAYm2	
	(2019-20)		(2018-19)		(2017-18)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	180	15	120	24	120	24
3rd Year	120	24	120	24	120	24
4th Year	120	24	120	24	120	24
Sub-Total	420	63	360	72	360	72
Total	483		432		432	

**PG**

No. of PG Programs in the Department : 0

**SFR**

No. of UG Programs in the Department : 1

No. of PG Programs in the Department : 0

Description	2019-20	2018-19	2017-18
Total No. of Students in the Department(S)	483 Sum total of all (UG+PG) students	432 Sum total of all (UG+PG) students	432 Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	32 F1	29 F2	29 F3
Student Faculty Ratio(SFR)	15.09 SFR1=S1/F1	14.90 SFR2=S1/F1	14.90 SFR3=S3/F3
Average SFR	14.96 SFR=(SFR1+SFR2+SFR3)/3		
<b>F=Total Number of Faculty Members in the Department (excluding first year faculty)</b>			

**Note:** 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

**Placement Ratio**

Year	No. of Students appeared in final year examination (N)	No. of Students Graduated out of Students appeared in final year examination(G)	Z = (No. of Students Placed + selected for higher studies + opted Entrepreneurship)	Placement Ratio(Z/N)
2018-19	156	142	138	.88
2017-18	117	100	80	.68
2016-17	128	105	91	.71
Average Placement Ratio				.76
Percentage				76

**Compliance Status to Pre-visit Qualifiers - Essential qualifiers**

Sr. No	Discipline	Current status	Compliance Status Complied/Not Complied
1	Vision, Mission & PEOs i. Are the Vision & Mission of the Department stated in the Prospectus / Website? ii. Are the PEOs of the Program listed in the Prospectus / Website?	Yes	Complied
2	Whether approval of the competent authority (Approval of AICTE/ UGC/ BoG of Universities/ Deemed Universities etc.) for the programs under consideration has been obtained for all the years including current year	Yes	Complied
3	Whether admissions in the undergraduate programs at the Institute level has been more than or equal to 60% *average of the previous three academic years including Current Academic Year	Yes	Complied
4	Whether admissions in the undergraduate programs under consideration has been more than or equal to 60%**average of the	Yes	Complied

	previous three academic years including Current Academic Year		
5	Whether faculty student ratio in the department under consideration is better than or equal to 1:25 averaged over previous three academic years including Current academic Year.	Yes	Complied
6	Whether at least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.	Yes	Complied
7	Whether number of available Ph.Ds. in the department is greater than or equal to 20% of the required number of faculty averaged for previous two academic years including Current Academic Year.	Yes	Complied
8	Whether two batches have passed out in the programs under consideration	Yes	Complied
9	Whether HODs possess Ph.D. degrees for the programs under consideration	Yes	Complied

### Declaration

i) I hereby certify that the information provided in the pre-qualifier is true and correct to the best of my knowledge. In case, it is found that institution has deliberately provided false/incorrect information, the NBA reserves the right to take necessary action as per its rules and procedures.

ii (a). I hereby confirm that the departments has programs assessment and quality improvement committee;

iii (a). I hereby certify that the department under the consideration receives separately earmarked funds for

i. Maintenance of laboratory/computational facilities(recurring funds)

ii. Up-gradation of laboratory/computation facilities (non-recurring funds)

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## Pre-Qualifier Pro-forma for UG Engineering & Technology Programs

Print

Institute Name: NEW HORIZON COLLEGE OF ENGG.		Program Name : Computer Science & Engg.	
Discipline: Engineering & Technology	Level : Under Graduate	Tier: 1	

### Program Specific Information

NAME OF PROGRAM	PROGRAM APPLIED LEVEL	START OF YEAR	YEAR OF AICTE APPROVAL	INITIAL INTAKE	INTAKE INCREASE	CURRENT INTAKE	ACCREDITATION STATUS	From	To	PROGRAM FOR CONSIDERATION	PROGRAM FOR Duration														
Computer Science and Engineering	UG	2001	2001	60	Yes	240	Granted accreditation for 3 years for the period (specify period)	2017	2020	Yes	4														
Sanctioned Intake for Last Five Years for the Computer Science and Engineering <table border="1"> <thead> <tr> <th>Academic Year</th> <th>Sanctioned Intake</th> </tr> </thead> <tbody> <tr><td>2019-20</td><td>240</td></tr> <tr><td>2018-19</td><td>240</td></tr> <tr><td>2017-18</td><td>180</td></tr> <tr><td>2016-17</td><td>180</td></tr> <tr><td>2015-16</td><td>180</td></tr> <tr><td>2014-15</td><td>180</td></tr> </tbody> </table>												Academic Year	Sanctioned Intake	2019-20	240	2018-19	240	2017-18	180	2016-17	180	2015-16	180	2014-15	180
Academic Year	Sanctioned Intake																								
2019-20	240																								
2018-19	240																								
2017-18	180																								
2016-17	180																								
2015-16	180																								
2014-15	180																								
Computer Science and Engineering	PG	2010	2010	18	Yes	18	Not eligible for accreditation	--	--	No	2														
Sanctioned Intake for Last Five Years for the Computer Science and Engineering <table border="1"> <thead> <tr> <th>Academic Year</th> <th>Sanctioned Intake</th> </tr> </thead> <tbody> <tr><td>2019-20</td><td>18</td></tr> <tr><td>2018-19</td><td>18</td></tr> <tr><td>2017-18</td><td>24</td></tr> <tr><td>2016-17</td><td>24</td></tr> <tr><td>2015-16</td><td>24</td></tr> <tr><td>2014-15</td><td>24</td></tr> </tbody> </table>												Academic Year	Sanctioned Intake	2019-20	18	2018-19	18	2017-18	24	2016-17	24	2015-16	24	2014-15	24
Academic Year	Sanctioned Intake																								
2019-20	18																								
2018-19	18																								
2017-18	24																								
2016-17	24																								
2015-16	24																								
2014-15	24																								

### Student Admission

#### Student Admissions (Institute level considering all UG programs)

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake	1200	1080	1020	3300
Number of students admitted (Corresponding to sanctioned intake)	1145	1080	1020	3245



Item	2019-20	2018-19	2017-18	Total
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				98.33

**Student Admissions (Program specific)**

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake of the program (N)	240	240	180	660
Number of students admitted (Corresponding to sanctioned intake)	240	240	180	660
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				100

**Information of Faculty**

Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Current Designation	Date (Designated as Prof./Assoc. Prof.)	Initial Date of Joining	Association Type	Currently Associated with(Yes/No)	In case of NO, Date of Leaving	IS HOD?
Dr. B. RAJALAKSHMI	AEEPR7795D	ME/M. Tech and PhD	07/06/2014	Computer Science & Engineering	Professor	07/08/2017	07/08/2017	Regular	Yes		Yes
Dr. Prashanth C Sai Ranga	CQCPS7179E	MS and PhD	15/12/2006	High Performance Computing	Professor	01/07/2009	01/07/2009	Regular	Yes		No
Dr. Mohan Kumar S	APZPM0406N	ME/M. Tech and PhD	20/02/2015	Computer Science and Engineering	Professor	01/08/2018	20/07/2015	Regular	Yes		No
Dr. M. Chandra Naik	AFMPN8656E	ME/M. Tech and PhD	10/02/2015	Computer Science and Engineering	Professor	26/07/2017	26/07/2017	Regular	Yes		No
Dr. Pamela Vinitha Eric	ALMPP0086G	ME/M. Tech and PhD	23/02/2018	Computer Science and Engineering	Professor	16/07/2018	16/07/2018	Regular	Yes		No
Dr. Clara Kanmani	AOAPA5721Q	ME/M. Tech and PhD	08/05/2018	Computer Science and Engineering	Professor	01/08/2019	25/01/2010	Regular	Yes		No
Dr. Hanuman Kumar	AJGPV7147N	ME/M. Tech and PhD	05/05/2015	Computer Systems & Systems Engineering	Associate Professor	31/07/2017	31/07/2017	Regular	Yes		No
Dr. Jaya R	AWMPR8796G	ME/M. Tech and PhD	02/12/2019	Computer Science and Engineering	Associate Professor	01/01/2020	21/07/2014	Regular	Yes		No
Dr. Kamatchi Priya L	AVUPK0658H	ME/M. Tech and PhD	24/11/2018	Information & Communication Engineering	Associate Professor	01/01/2019	26/07/2017	Regular	Yes		No
Dr. Meenakshisundaram B	AQJPM1028K	ME/M. Tech and PhD	14/11/2017	Computer Science and Engineering	Associate Professor	27/08/2018	27/08/2018	Regular	Yes		No
Dr. Vinudha. K	ANFPV4789F	ME/M. Tech and PhD	17/12/2018	Computer Science and Engineering	Associate Professor	01/01/2019	16/07/2018	Regular	Yes		No
Dr. Rachana	BECPR7386M	ME/M. Tech and PhD	21/05/2018	Computer Science and Engineering	Associate Professor	16/07/2018	16/07/2018	Regular	Yes		No
Dr. Venkata Ramana	BGFPK9068A	ME/M. Tech and PhD	22/12/2017	Computer Science and Engineering	Associate Professor	16/07/2018	16/07/2018	Regular	Yes		No
Dr. Sreenivasulu M	APEPM8877P	ME/M. Tech and PhD	09/11/2015	Computer Science and Engineering	Associate Professor	26/07/2017	26/07/2017	Regular	Yes		No
Dr. G Sambasiva Rao	AGVPG0571D	ME/M. Tech and PhD	19/02/2008	Computer Science and Engineering	Associate Professor	26/07/2017	26/07/2017	Regular	Yes		No

Dr. Thirukkumaran R	ADTPT0963D	ME/M. Tech and PhD	06/06/2019	Electronics and Communication Engineering	Associate Professor	24/07/2019	24/07/2019	Regular	Yes		No
Dr. S Sridevi	APEPS5358G	ME/M. Tech and PhD	22/12/2018	Information & Communication Engineering	Associate Professor	17/07/2019	17/07/2019	Regular	Yes		No
Asha Rani Borah	AORPB4068G	M.E/M.Tech	21/02/2011	Computer Science and Engineering	Assistant Professor		25/07/2011	Regular	Yes		No
Priti B Badar	AIZPB2223M	M.E/M.Tech	19/07/2008	Computer Science	Assistant Professor		25/07/2011	Regular	Yes		No
Sivabalan N	BBFPS1600H	M.E/M.Tech	01/12/2005	Information Technology	Assistant Professor		25/07/2012	Regular	Yes		No
Puneet S Palagi	CGPPP1815H	M.E/M.Tech	15/03/2013	Computer Science and Engineering	Assistant Professor		25/07/2012	Regular	No	15/06/2020	No
Soja Rani S	AYLPS0545H	M.E/M.Tech	03/05/2014	Computer Science and Engineering	Assistant Professor		24/07/2013	Regular	Yes		No
Anil Kumar K	ASIPK8600J	M.E/M.Tech	13/02/2012	Computer Science and Engineering	Assistant Professor		24/07/2013	Regular	Yes		No
Gayathri G S	BEWPG7266R	M.E/M.Tech	04/05/2013	Computer Science and Engineering	Assistant Professor		24/07/2013	Regular	Yes		No
Tinu N S	ATFPT1728C	M.E/M.Tech	06/08/2012	Information System Security	Assistant Professor		09/10/2013	Regular	Yes		No
Uma N	AHPPN4271J	M.E/M.Tech	07/04/2012	Computer Science and Engineering	Assistant Professor		21/07/2014	Regular	Yes		No
Padmapriya M K	ATHPP9324L	M.E/M.Tech	07/04/2012	Computer Science and Engineering	Assistant Professor		21/07/2014	Regular	Yes		No
Pramilarani K	ASWPP7732N	M.E/M.Tech	07/12/2013	Computer Science and Engineering	Assistant Professor		21/07/2014	Regular	Yes		No
Muralidhara S	CJIPS8721D	M.E/M.Tech	05/05/2012	Computer Science and Engineering	Assistant Professor		28/01/2015	Regular	No	15/06/2020	No
Shanmuga Priya S	DEWPS4932G	M.E/M.Tech	29/06/2013	Computer Science and Engineering	Assistant Professor		20/07/2015	Regular	Yes		No
Gayathri.T	AEFPT5500F	M.E/M.Tech	20/08/2016	Computer Science and Engineering	Assistant Professor		25/07/2016	Regular	Yes		No
VijayaKumar R	AFEPV8732M	M.E/M.Tech	04/02/2011	Computer Science and Engineering	Assistant Professor		25/07/2016	Regular	Yes		No
Yogitha	ACBPY7323B	M.E/M.Tech	09/05/2015	Computer Network and Engineering	Assistant Professor		25/07/2016	Regular	Yes		No
Alpha Vijayan	AHRPV5154E	M.E/M.Tech	30/06/2006	Computer Science and Engineering	Assistant Professor		23/01/2017	Regular	Yes		No
Prem Kumar	ATCPP7113L	M.E/M.Tech	24/03/2015	Computer Science and Engineering	Assistant Professor		26/07/2017	Regular	Yes		No
Santosh Kumar B	AOWPB8695J	M.E/M.Tech	05/05/2016	VLSI Design and Embedded Systems	Assistant Professor		26/07/2017	Regular	Yes		No
Deepa Puranik	DSNPP9967B	M.E/M.Tech	06/05/2016	Computer Networks Engineering	Assistant Professor		26/07/2017	Regular	Yes		No

Syamili Mohandas	FTZPS6006R	M.E/M.Tech	21/11/2015	Computer Science and Engineering	Assistant Professor		26/07/2017	Regular	Yes		No
Dimple W G	BNHPD5789C	M.E/M.Tech	28/11/2013	VLSI DESIGN	Assistant Professor		26/07/2017	Regular	Yes		No
Udhaya P	ACXPU0863E	M.E/M.Tech	07/09/2015	Computer Science and Engineering	Assistant Professor		16/07/2018	Regular	Yes		No
Vinoth Kumar	AQRPV4033B	M.E/M.Tech	02/07/2018	Computer Science and Engineering	Assistant Professor		16/07/2018	Regular	Yes		No
Suganya R	BSAPS4398J	M.E/M.Tech	21/08/2007	Software Engineering	Assistant Professor		17/07/2019	Regular	Yes		No
Deepti Rai	AMQPR7673A	M.E/M.Tech	04/08/2016	Computer Science and Engineering	Assistant Professor		17/07/2019	Regular	Yes		No
Teena Annamma James	EEPPS6103M	M.E/M.Tech	08/04/2013	Software Engineering	Assistant Professor		17/07/2019	Regular	Yes		No
Bhaskar S V	BYMPB9350F	M.E/M.Tech	06/01/2015	VLSI Design & Embedded Systems	Assistant Professor		29/07/2019	Regular	Yes		No
Manjunatha Swamy C	BWAPS9105D	M.E/M.Tech	27/03/2015	Software Engineering	Assistant Professor		19/08/2019	Regular	Yes		No
Lakshmi S Hanne	ALSPB6739G	M.E/M.Tech	02/06/2017	Computer Science and Engineering	Assistant Professor		28/08/2019	Regular	Yes		No
Dr. Vishwanath Yamanappa	ABCPY5001E	ME/M. Tech and PhD	23/12/2016	Computer Science and Engineering	Associate Professor	01/08/2017	27/01/2009	Regular	No	04/05/2019	No
Dr. Neelima Kulkarni	BHUPK7175G	ME/M. Tech and PhD	28/09/2017	Computer Science and Engineering	Associate Professor	16/07/2018	16/07/2018	Regular	No	04/05/2019	No
Anjana Sharma	CONPS0960N	M.E/M.Tech	13/08/1994	Computer Technology	Assistant Professor		25/07/2009	Regular	No	04/05/2019	No
Sheba Pari	BKUPS1735H	M.E/M.Tech	01/07/2010	Software Engineering	Assistant Professor		25/01/2010	Regular	No	04/05/2019	No
Deepika N	ADGPN3109C	M.E/M.Tech	28/04/2011	Computer Science and Engineering	Assistant Professor		25/07/2011	Regular	No	04/05/2019	No
Sheeba P	AKXPP6037B	M.E/M.Tech	05/05/2016	Software Engineering	Assistant Professor		25/07/2016	Regular	No	04/05/2019	No
Dr. Guruprasad. N	AAZPN5915C	MS and PhD	23/08/2012	Computer Science and Engineering	Professor	06/08/2015	06/08/2015	Regular	No	26/05/2018	No
Dr. Jithendranath Mungara	ALGPM4452L	ME/M. Tech and PhD	04/10/2014	Computer Science and Engineering	Professor	07/11/2016	07/11/2016	Regular	No	26/05/2018	No
Dr. Ashok Kumar PS	AQGRP5457F	ME/M. Tech and PhD	01/10/2016	Information & Communication Engineering	Associate Professor	02/01/2017	13/09/2006	Regular	No	26/05/2018	No
Dr. Beena B.M	AIAPM8576H	ME/M. Tech and PhD	27/06/2017	Computer Science and Engineering	Associate Professor	01/08/2017	24/01/2011	Regular	No	26/05/2018	No
Dr. R Chinnaiyan	AILPC0508J	ME/M. Tech and PhD	03/05/2013	Computer Science and Engineering	Associate Professor	20/07/2015	20/07/2015	Regular	No	26/05/2018	No
Jisha Mariam Jose	AIXPJ5690E	M.E/M.Tech	23/04/2013	Computer Information Sciences	Assistant Professor		25/07/2016	Regular	Yes		No
Dr. G. Pradeep	CIJPK1500Q	ME/M. Tech and PhD	18/04/2016	Information & Communication Engineering	Professor	01/08/2016	20/07/2015	Regular	No	26/05/2018	No
Dr. K. Swathi	AQLPG7658M	ME/M. Tech	11/12/2014	Computer	Associate	02/02/2015	24/07/2013	Regular	No	26/05/2018	No

	and PhD	Science and Engineering	Professor				
Designation	Number of faculty in the Department for both UG and PG *						
	2019-20	2018-19	2017-18				
Professor	6(R) + 0(C)	5(R) + 0(C)	6(R) + 0(C)				
Associate Professor	10(R) + 0(C)	9(R) + 0(C)	9(R) + 0(C)				
Assistant Professor	32(R) + 0(C)	32(R) + 0(C)	30(R) + 0(C)				
Number of Ph.D (as per the AICTE norms)	16	14	15				

\* At least one Professor or Associate professor with Ph.D. degree on regular basis should be available exclusively for the department of the program under consideration.

## Student Faculty Ratio (No. of faculty as per the sanctioned intake)

### UG

No. of UG Programs in the Department : 1

Computer Science and Engineering						
Year of Study	CAY		CAYm1		CAYm2	
	(2019-20)		(2018-19)		(2017-18)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	240	21	180	28	180	31
3rd Year	180	28	180	31	180	26
4th Year	180	31	180	26	180	31
Sub-Total	600	80	540	85	540	88
Total	680		625		628	

### PG

No. of PG Programs in the Department : 1

Computer Science and Engineering			
Year of Study	(2019-20)	(2018-19)	(2017-18)
	Sanction Intake	Sanction Intake	Sanction Intake
1 <sup>st</sup> Year	18	18	24
2 <sup>nd</sup> Year	18	24	24
Total	36	42	48

### SFR

No. of UG Programs in the Department : 1

No. of PG Programs in the Department : 1

Description	2019-20	2018-19	2017-18
Total No. of Students in the Department(S)	716 Sum total of all (UG+PG) students	667 Sum total of all (UG+PG) students	676 Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	48 F1	46 F2	45 F3
Student Faculty Ratio(SFR)	14.92 SFR1=S1/F1	14.50 SFR2=S1/F1	15.02 SFR3=S3/F3
Average SFR	14.81 SFR=(SFR1+SFR2+SFR3)/3		
F=Total Number of Faculty Members in the Department (excluding first year faculty)			

Note: 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

## Placement Ratio

Year	No. of Students appeared in final year examination (N)	No. of Students Graduated out of Students appeared in final year examination(G)	Z = (No. of Students Placed + selected for higher studies + opted Entrepreneurship)	Placement Ratio(Z/N)



Year	No. of Students appeared in final year examination (N)	No. of Students Graduated out of Students appeared in final year examination(G)	Z = (No. of Students Placed + selected for higher studies + opted Entrepreneurship)	Placement Ratio(Z/N)
2018-19	230	221	214	.93
2017-18	174	155	152	.87
2016-17	187	162	157	.84
Average Placement Ratio				.88
Percentage				88

## Compliance Status to Pre-visit Qualifiers - Essential qualifiers

Sr. No	Discipline	Current status	Compliance Status Complied/Not Complied
1	Vision, Mission & PEOs i. Are the Vision & Mission of the Department stated in the Prospectus / Website? ii. Are the PEOs of the Program listed in the Prospectus / Website?	Yes	Complied
2	Whether approval of the competent authority (Approval of AICTE/ UGC/ BoG of Universities/ Deemed Universities etc.) for the programs under consideration has been obtained for all the years including current year	Yes	Complied
3	Whether admissions in the undergraduate programs at the Institute level has been more than or equal to 60% *average of the previous three academic years including Current Academic Year	Yes	Complied
4	Whether admissions in the undergraduate programs under consideration has been more than or equal to 60%**average of the previous three academic years including Current Academic Year	Yes	Complied
5	Whether faculty student ratio in the department under consideration is better than or equal to 1:25 averaged over previous three academic years including Current academic Year.	Yes	Complied
6	Whether at least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.	Yes	Complied
7	Whether number of available Ph.Ds. in the department is greater than or equal to 20% of the required number of faculty averaged for previous two academic years including Current Academic Year.	Yes	Complied
8	Whether two batches have passed out in the programs under consideration	Yes	Complied
9	Whether HODs possess Ph.D. degrees for the programs under consideration	Yes	Complied

### Declaration

i) I hereby certify that the information provided in the pre-qualifier is true and correct to the best of my knowledge. In case, it is found that institution has deliberately provided false/incorrect information, the NBA reserves the right to take necessary action as per its rules and procedures.

ii (a). I hereby confirm that the departments has programs assessment and quality improvement committee;

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i. Maintenance of laboratory/computational facilities(recurring funds)

ii. Up-gradation of laboratory/computation facilities (non-recurring funds)

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### Pre-Qualifier Pro-forma for UG Engineering & Technology Programs

Print

Institute Name: NEW HORIZON COLLEGE OF ENGG.		Program Name : Electronics & Communication Engg.	
Discipline: Engineering & Technology	Level : Under Graduate	Tier: 1	

### Program Specific Information

NAME OF PROGRAM	PROGRAM APPLIED LEVEL	START OF YEAR	YEAR OF AICTE APPROVAL	INITIAL INTAKE	INTAKE INCREASE	CURRENT INTAKE	ACCREDITATION STATUS	From	To	PROGRAM FOR CONSIDERATION	PROGRAM FOR Duration
BE	UG	2001	2001	60	Yes	180	Granted accreditation for 3 years for the period (specify period)	2017	2020	Yes	4

#### Sanctioned Intake for Last Five Years for the BE

Academic Year	Sanctioned Intake
2019-20	180
2018-19	180
2017-18	180
2016-17	180
2015-16	180
2014-15	180

### Student Admission

#### Student Admissions (Institute level considering all UG programs)

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake	1200	1080	1020	3300
Number of students admitted (Corresponding to sanctioned intake)	1145	1080	1020	3245
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				98.33

#### Student Admissions (Program specific)

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake of the program (N)	180	180	180	540
Number of students admitted (Corresponding to sanctioned intake)	180	180	180	540
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				100

### Information of Faculty

Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Current Designation	Date (Designated as	Initial Date of Joining	Association Type	Currently Associated with(Yes/No)	In case of NO, Date of Leaving	IS HOD?
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						Prof./Assoc. Prof.)					
Dr. Sanjeev Sharma	BITPS4989J	ME/M. Tech and PhD	19/11/2016	VLSI Design & Embedded Systems	Professor	16/07/2018	16/07/2018	Regular	Yes		Yes
Dr. Mohan Kumar Naik B	ALRPM9039R	ME/M. Tech and PhD	25/03/2014	VLSI Design & Embedded Systems	Professor	01/08/2018	21/07/2014	Regular	Yes		No
Dr. Nisha K. C. R.	AJUPN3869K	ME/M. Tech and PhD	27/04/2015	Power Electronics & Renewable System	Professor	01/08/2017	28/01/2015	Regular	Yes		No
Dr. Vasundha Srikumar	CBGPS1520Q	ME/M. Tech and PhD	27/05/2016	ECE Science	Professor	17/06/2017	17/06/2017	Regular	Yes		No
Dr. Naveen H.	AHFPH8370Q	ME/M. Tech and PhD	27/01/2020	Underwater Communication & Embedded Systems	Associate Professor	02/03/2020	26/07/2017	Regular	Yes		No
Dr. Jayanthi M.	ALVPJ1199H	ME/M. Tech and PhD	18/03/2019	Biomedical Signal and Image Processing	Associate Professor	01/08/2019	25/07/2016	Regular	Yes		No
Dr. Reema Sharma	DVQPS5694G	ME/M. Tech and PhD	09/01/2018	Data Communication and Networking	Associate Professor	15/01/2018	17/08/2017	Regular	Yes		No
Dr. Piruthiviraj.P	ATGPP5633B	ME/M. Tech and PhD	27/10/2018	Optical Communication & Networking	Associate Professor	16/01/2019	16/01/2019	Regular	Yes		No
Dr. Dhivya.M	AOPPD8558M	ME/M. Tech and PhD	08/03/2013	Electrical Engineering	Associate Professor	17/07/2019	17/07/2019	Regular	Yes		No
Dr. Gunapriya B	APQPG5311P	ME/M. Tech and PhD	19/06/2018	Digital Control	Associate Professor	17/07/2018	17/07/2018	Regular	Yes		No
Dr. Gurulakshmi A.B	AYTPG0953D	ME/M. Tech and PhD	22/12/2018	EMI/EMC	Associate Professor	05/08/2019	05/08/2019	Regular	Yes		No
Mr. Aravinda K.	AOLPK1917M	M.E/M.Tech	18/04/2011	VLSI	Assistant Professor		04/06/2007	Regular	Yes		No
Ms. Divya Sharma	BJVPS4073A	M.E/M.Tech	11/12/2010	Computer Science (Networking)	Assistant Professor		25/07/2012	Regular	Yes		No
Ms. Ishani Mishra	BXCPM5843H	M.E/M.Tech	27/12/2008	Image Processing	Assistant Professor		25/07/2012	Regular	Yes		No
Ms. Dharmambal V.	AGJPD6612L	MS	26/03/2009	Software Systems	Assistant Professor		01/08/2012	Regular	Yes		No
Ms. Lipsa Dash	BADPD8915M	M.E/M.Tech	12/06/2012	Electronics and Telecommunication Engineering	Assistant Professor		03/09/2012	Regular	Yes		No
Ms. Susmitha A.	AJOPA3274B	M.E/M.Tech	06/08/2009	Digital Systems	Assistant Professor		24/07/2013	Regular	Yes		No
Ms. Thanuja I. K.	AIVPT3231F	M.E/M.Tech	09/05/2015	Digital Communication	Assistant Professor		21/07/2014	Regular	Yes		No
Ms. Divya Rajan	BDBPR2642Q	M.E/M.Tech	01/05/2010	Applied Electronics	Assistant Professor		20/07/2015	Regular	No	15/06/2020	No
Ms. Monika Gupta	AYSPK4273F	M.E/M.Tech	17/12/2011	VLSI Design	Assistant Professor		20/07/2015	Regular	Yes		No
Ms. Neethu Johny	APJPJ6435Q	M.E/M.Tech	05/04/2013	VLSI Design	Assistant Professor		20/07/2015	Regular	Yes		No
Ms. Nayana G. H.	AVWPG1915C	M.E/M.Tech	05/05/2016	VLSI Design & Embedded Systems	Assistant Professor		27/07/2015	Regular	Yes		No
Ms. Maheswari M.	BKHPM2881D	M.E/M.Tech	01/11/2013	VLSI Design	Assistant Professor		23/01/2017	Regular	Yes		No
Ms. Rajani K. V.	AXXPR4084M	M.E/M.Tech	03/05/2014	VLSI Design & Embedded Systems	Assistant Professor		26/07/2017	Regular	Yes		No

Ms.Mamta B Savadatti	CGYPS6239M	M.E/M.Tech	09/01/2018	Communication Systems	Assistant Professor		01/08/2018	Regular	Yes		No
Mr. Bhimasen Kulkarni	DQBPK9801B	M.E/M.Tech	09/05/2015	Signal processing	Assistant Professor		21/07/2014	Regular	No	15/06/2020	No
Ms.Rajashri.Y.M	ATPPM2227F	M.E/M.Tech	06/06/2012	Digital Communication and Networking	Assistant Professor		16/01/2019	Regular	Yes		No
Mr.Rajesh.G	ANQPR6546K	M.E/M.Tech	17/04/2010	Signal Processing	Assistant Professor		27/07/2019	Regular	Yes		No
Mr.Richard Lincoln Paulraj	AYRPP1257B	M.E/M.Tech	23/11/2011	VLSI Design & Embedded Systems	Assistant Professor		17/07/2019	Regular	Yes		No
Mr. Sagar D K	AYIPK9850A	M.E/M.Tech	06/09/2014	VLSI Design	Assistant Professor		25/07/2016	Regular	Yes		No
Ms. Ramanamma M.	CKVPP6720K	M.E/M.Tech	11/12/2015	VLSI Design & Embedded Systems	Assistant Professor		27/01/2016	Regular	Yes		No
Mr. Karthik C. V.	CFFPK4761L	M.E/M.Tech	21/07/2014	Electronics	Assistant Professor		25/07/2016	Regular	Yes		No
Mr. Rajiv Gopal	BSHPG7216A	M.E/M.Tech	22/07/2014	VLSI Design	Assistant Professor		26/07/2017	Regular	Yes		No
Ms.Tessy Tomy	ANUPT2774P	M.E/M.Tech	26/04/2016	Embedded Systems	Assistant Professor		17/07/2019	Regular	Yes		No
Ms. Shilpa Kambe	BNXP0036R	M.E/M.Tech	19/11/2016	Electronics Engineering	Assistant Professor		01/02/2016	Regular	Yes		No
Vipin V K	DTSPK7670A	M.E/M.Tech	06/09/2014	VLSI Design	Assistant Professor		26/07/2017	Regular	Yes		No
Mr. Nanda Kumar K	AJZPN9627J	M.E/M.Tech	19/04/2008	VLSI Design	Assistant Professor		26/07/2017	Regular	Yes		No
Mr. Rishikesh S T	APVPT8418H	M.E/M.Tech	06/09/2014	VLSI Design	Assistant Professor		25/07/2016	Regular	Yes		No
Mr.Ashok.K	HHIPK3543Q	M.E/M.Tech	09/07/2013	Applied Electronics	Assistant Professor		20/08/2019	Regular	Yes		No
Ms. Neha	CVXPS3471B	M.E/M.Tech	29/08/2015	Communication Engineering	Assistant Professor		01/02/2016	Regular	Yes		No
Dr. Kesar Singh S	AKJPS0337H	ME/M. Tech and PhD	03/08/2018	Power systems	Professor	16/07/2018	16/07/2018	Regular	No	15/06/2020	No
Dr.Priyamvada Singh	BKLPS1651M	ME/M. Tech and PhD	17/07/2018	VLSI Design & Embedded Systems	Associate Professor	03/12/2018	01/08/2018	Regular	No	15/06/2020	No
Dr.Jayadeva T.S.	ADWPT3488N	ME/M. Tech and PhD	21/01/2017	RF & MICROWAVE ENGG	Associate Professor	30/07/2018	30/07/2018	Regular	No	04/05/2019	No
Dr.S.Karthikeyan	CIZPK4865L	ME/M. Tech and PhD	30/05/2013	Intelligent Controllers for Power Electronics systems	Associate Professor	15/07/2014	15/07/2013	Regular	No	04/05/2019	No
Dr.Shreesha Kalkoor M	BBEPK8284L	ME/M. Tech and PhD	04/06/2018	Electronics	Associate Professor	16/07/2018	16/07/2018	Regular	No	04/05/2019	No
Mr.K.Jagadish Rao	AASPR6414P	M.E/M.Tech	31/01/1986	Industrial Electronics	Assistant Professor		26/07/2017	Regular	No	04/05/2019	No
Mr. Ashutosh Srivastava	BYOPS5705H	M.E/M.Tech	05/07/2013	RF Microwave & Photonics	Assistant Professor		01/05/2017	Regular	No	04/05/2019	No
Ms. Parul Wadhwa	AOPPM0230D	M.E/M.Tech	09/04/2012	Electronics and Communication	Assistant Professor		27/01/2016	Regular	No	04/05/2019	No
Dr.Aradhana Yadav	AAXPY0117B	MBA & Ph.D	08/02/2014	Finance and Marketing	Associate Professor	01/08/2014	25/07/2012	Regular	No	04/05/2019	No
Mr. Ugrasnamaharaj	ADCPU5561F	M.E/M.Tech	09/04/2012	Biomedical image and Signal processing	Assistant Professor		21/07/2014	Regular	No	26/05/2018	No



Ms.Smitha G.S.	BNCPS1582B	M.E/M.Tech	07/01/2010	Computer Science and Engineering	Assistant Professor		23/01/2017	Regular	No	17/11/2018	No
Ms. Shachi P	BFVPP0359E	M.E/M.Tech	15/10/2013	Electronics and Instrumentation	Assistant Professor		01/02/2016	Regular	No	26/05/2018	No
Sachin V	EHEPS3615E	M.E/M.Tech	16/09/2016	Electronics	Assistant Professor		05/01/2017	Regular	No	17/11/2018	No
Ms. Mayur Shivamurthy Marinaik	CCKPM7026C	M.E/M.Tech	24/08/2016	VLSI system Design	Assistant Professor		23/01/2017	Regular	No	17/11/2018	No
Dr J Surendran	Exempted	ME/M. Tech and PhD	20/02/2013	Image Processing	Associate Professor	25/07/2016	25/07/2016	Regular	No	04/05/2019	No
Dr.Raghavendra Kulkarni	ATSPR1083M	ME/M. Tech and PhD	25/01/2016	Control and Instrumentation	Associate Professor	01/08/2016	21/07/2014	Regular	No	04/05/2019	No
Prof.Mani Laxman Aiyar	AFVPA4883M	MS	17/06/2002	VLSI Design	Professor	10/07/2017	10/07/2017	Regular	No	26/05/2018	No
Dr.Sivakumar	EMFPS0242P	ME/M. Tech and PhD	19/12/2011	VLSI Design	Professor	17/06/2017	17/06/2017	Regular	Yes		No

Designation	Number of faculty in the Department for both UG and PG *		
	2019-20	2018-19	2017-18
Professor	6(R) + 0(C)	6(R) + 0(C)	3(R) + 0(C)
Associate Professor	7(R) + 0(C)	7(R) + 0(C)	4(R) + 0(C)
Assistant Professor	30(R) + 0(C)	30(R) + 0(C)	35(R) + 0(C)
Number of Ph.D (as per the AICTE norms)	13	14	7

\* At least one Professor or Associate professor with Ph.D. degree on regular basis should be available exclusively for the department of the program under consideration.

## Student Faculty Ratio (No. of faculty as per the sanctioned intake)

### UG

No. of UG Programs in the Department : 1

BE						
Year of Study	CAY		CAYm1		CAYm2	
	(2019-20)		(2018-19)		(2017-18)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	180	13	180	33	180	32
3rd Year	180	31	180	24	180	30
4th Year	180	22	180	29	180	11
Sub-Total	540	66	540	86	540	73
Total	606		626		613	

### PG

No. of PG Programs in the Department : 0

### SFR

No. of UG Programs in the Department : 1

No. of PG Programs in the Department : 0

Description	2019-20	2018-19	2017-18
Total No. of Students in the Department(S)	606 Sum total of all (UG+PG) students	626 Sum total of all (UG+PG) students	613 Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	43 F1	43 F2	42 F3
Student Faculty Ratio(SFR)	14.09 SFR1=S1/F1	14.56 SFR2=S1/F1	14.60 SFR3=S3/F3
Average SFR	14.42 SFR=(SFR1+SFR2+SFR3)/3		
F=Total Number of Faculty Members in the Department (excluding first year faculty)			

**Note:** 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

## Placement Ratio

Year	No. of Students appeared in final year examination (N)	No. of Students Graduated out of Students appeared in final year examination(G)	Z = (No. of Students Placed + selected for higher studies + opted Entrepreneurship)	Placement Ratio(Z/N)
2018-19	215	203	180	.84
2017-18	205	156	150	.73
2016-17	172	160	120	.7
Average Placement Ratio				.76
Percentage				76

## Compliance Status to Pre-visit Qualifiers - Essential qualifiers

Sr. No	Discipline	Current status	Compliance Status Complied/Not Complied
1	Vision, Mission & PEOs i. Are the Vision & Mission of the Department stated in the Prospectus / Website? ii. Are the PEOs of the Program listed in the Prospectus / Website?	Yes	Complied
2	Whether approval of the competent authority (Approval of AICTE/ UGC/ BoG of Universities/ Deemed Universities etc.) for the programs under consideration has been obtained for all the years including current year	Yes	Complied
3	Whether admissions in the undergraduate programs at the Institute level has been more than or equal to 60% *average of the previous three academic years including Current Academic Year	Yes	Complied
4	Whether admissions in the undergraduate programs under consideration has been more than or equal to 60%**average of the previous three academic years including Current Academic Year	Yes	Complied
5	Whether faculty student ratio in the department under consideration is better than or equal to 1:25 averaged over previous three academic years including Current academic Year.	Yes	Complied
6	Whether at least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.	Yes	Complied
7	Whether number of available Ph.Ds. in the department is greater than or equal to 20% of the required number of faculty averaged for previous two academic years including Current Academic Year.	Yes	Complied
8	Whether two batches have passed out in the programs under consideration	Yes	Complied
9	Whether HODs possess Ph.D. degrees for the programs under consideration	Yes	Complied

## Declaration

i) I hereby certify that the information provided in the pre-qualifier is true and correct to the best of my knowledge. In case, it is found that institution has deliberately provided false/incorrect information, the NBA reserves the right to take necessary action as per its rules and procedures.

ii (a). I hereby confirm that the departments has programs assessment and quality improvement committee;

iii (a). I hereby certify that the department under the consideration receives separately earmarked funds for

i. Maintenance of laboratory/computational facilities(recurring funds)

ii. Up-gradation of laboratory/computation facilities (non-recurring funds)

## NEW HORIZON COLLEGE OF ENGG.

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### Pre-Qualifier Pro-forma for UG Engineering & Technology Programs

Print

Institute Name: NEW HORIZON COLLEGE OF ENGG.		Program Name : Mechanical Engg.	
Discipline: Engineering & Technology		Level : Under Graduate	
		Tier: 1	

### Program Specific Information

NAME OF PROGRAM	PROGRAM APPLIED LEVEL	START OF YEAR	YEAR OF AICTE APPROVAL	INITIAL INTAKE	INTAKE INCREASE	CURRENT INTAKE	ACCREDITATION STATUS	From	To	PROGRAM FOR CONSIDERATION	PROGRAM FOR Duration
Bachelor of Engineering (BE)	UG	2003	2003	60	Yes	180	Granted accreditation for 3 years for the period (specify period)	2017	2020	Yes	4
Master of Technology in Machine Design	PG	2014	2014	18	No	18	Not eligible for accreditation	--	--	No	2

### Student Admission

#### Student Admissions (Institute level considering all UG programs)

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake	1200	1080	1020	3300
Number of students admitted (Corresponding to sanctioned intake)	1145	1080	1020	3245
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				98.33

#### Student Admissions (Program specific)

Item	2019-20	2018-19	2017-18	Total
Sanctioned Intake of the program (N)	180	180	180	540
Number of students admitted (Corresponding to sanctioned intake)	169	180	180	529
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				97.96

### Information of Faculty

Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Current Designation	Date (Designated as Prof/Assoc. Prof.)	Initial Date of Joining	Association Type	Currently Associated with(Yes/No)	In case of NO, Date of Leaving	IS HOD?
Dr. Manjunatha	AELPM2838P	ME/M. Tech and PhD	01/07/2010	Mechanical Engineering	Professor	01/08/2008	25/08/2003	Regular	Yes		No
Dr. Ganesha Prasad M S	AJKPM3606R	ME/M. Tech and PhD	01/07/2011	Mechanical Engineering	Professor	08/08/2011	08/08/2011	Regular	Yes		Yes
Dr. GopalaKrishnan Kanapathy	AMTPK8379D	ME/M. Tech and PhD	04/04/2001	Industrial Engineering	Professor	14/02/2009	14/02/2009	Regular	Yes		No

Dr. Viswanath Bellie	AGBPB0240J	ME/M. Tech and PhD	05/07/2010	Mechanical Engineering	Professor	23/01/2017	23/01/2017	Regular	Yes		No
Dr. Priyabrata Adhikary	AGVPA3504G	ME/M. Tech and PhD	22/03/2018	Renewable Energy & Turbomachine, RAC, FM	Professor	01/08/2018	17/07/2017	Regular	Yes		No
Dr.Vasantha Kumar	AFGPV6836C	ME/M. Tech and PhD	03/07/2017	Lean Manufacturing	Professor	01/08/2019	26/07/2017	Regular	Yes		No
Dr. Amit Kumar Goudar	AMRPG5143K	ME/M. Tech and PhD	31/07/2019	Mechanical Engineering	Associate Professor	01/08/2018	14/08/2006	Regular	Yes		No
Dr. Nagendra J	AJMPJ8749E	ME/M. Tech and PhD	06/05/2019	Mechanical Engineering	Associate Professor	01/08/2019	25/07/2011	Regular	Yes		No
Dr. Srinath M K	CEMPS7308D	ME/M. Tech and PhD	04/05/2019	Mechanical Engineering	Associate Professor	01/08/2019	25/07/2011	Regular	Yes		No
Dr. Manjunatha G	ATCPM7861L	ME/M. Tech and PhD	01/07/2019	Mechanical Engineering	Associate Professor	01/08/2019	31/07/2017	Regular	Yes		No
Dr. Ashok Kumar	BFKPK7719H	ME/M. Tech and PhD	15/04/2019	Alternative fuels and greenhouse gas	Associate Professor	28/08/2018	28/08/2018	Regular	Yes		No
Dr. Sujin Jose	CPLPS5622E	ME/M. Tech and PhD	19/03/2018	Engg. Materials	Associate Professor	27/08/2018	27/08/2018	Regular	Yes		No
Dr. Gopal K	BESPG1902A	ME/M. Tech and PhD	28/07/2018	I.C.engines, Combustion, Alternative Fuels, Optimization, Thermal Science, Renewable energy	Associate Professor	20/08/2018	20/08/2018	Regular	Yes		No
Dr.Venugopal S	AADPV3241P	ME/M. Tech and PhD	06/05/2019	Materials science & Engg	Associate Professor	16/07/2018	16/07/2018	Regular	Yes		No
Dr.Selvam M	AMJPS9899Q	ME/M. Tech and PhD	04/06/2018	Mechanical Engineering	Associate Professor	16/07/2018	16/07/2018	Regular	Yes		No
Dr.Hemanth Raju	BACPR0693F	ME/M. Tech and PhD	19/07/2019	Mechanical Engineering	Associate Professor	01/08/2019	26/07/2010	Regular	Yes		No
Raghu Tilak Reddy Maramreddy	AOEPM9076J	M.E/M.Tech	01/05/2015	Computer Integrated Manufacturing	Assistant Professor		26/07/2010	Regular	Yes		No
Manjesh B C	AVAPM9044R	M.E/M.Tech	01/06/2015	Thermal power Engineering	Assistant Professor		16/08/2010	Regular	Yes		No
Shivaprakash S	CBVPS8802C	M.E/M.Tech	07/06/2010	Tool Engineering	Assistant Professor		25/07/2011	Regular	Yes		No
Ravikumar M.	BOIPM6416H	M.E/M.Tech	06/07/2009	Thermal Sciences	Assistant Professor		25/07/2011	Regular	Yes		No
Hanamant Yaragudri	ADAPY4102G	M.E/M.Tech	06/06/2011	Machine Design	Assistant Professor		25/07/2012	Regular	Yes		No
Nagabhushana Narasappa	AGJPN7478A	M.E/M.Tech	02/06/2008	Manufacturing	Assistant Professor		25/07/2012	Regular	Yes		No
Sudarshan T A	BGNPA1241D	M.E/M.Tech	02/07/2012	Thermal Science and Engineering	Assistant Professor		25/07/2012	Regular	Yes		No
Veerasha G	AOSPV9206P	M.E/M.Tech	04/07/2011	Machine design	Assistant Professor		25/07/2012	Regular	Yes		No
Chetan Kumar D S	AHPPC4423K	M.E/M.Tech	01/07/2013	Machine design	Assistant Professor		24/07/2013	Regular	Yes		No
Santhosh A N	BUPPS0336D	M.E/M.Tech	01/06/2010	Tool Engineering	Assistant Professor		25/07/2016	Regular	Yes		No
Bopanna . K. D	AQRPB9187G	M.E/M.Tech	04/07/2011	Computer Integrated Manufacturing	Assistant Professor		25/07/2012	Regular	Yes		No
Puneeth H V	CAEPP2669A	M.E/M.Tech	05/12/2011	Tool Engineering	Assistant Professor		25/07/2012	Regular	Yes		No
Rajesh A	ASUPA2633F	M.E/M.Tech	02/07/2012	Aeronautical engineering	Assistant Professor		24/07/2013	Regular	Yes		No
Sujeeth Swami	DHUPS8030J	M.E/M.Tech	02/06/2014	Computer Integrated Manufacturing	Assistant Professor		21/07/2014	Regular	Yes		No
Ronald Reagon R	AWAPR8559D	M.E/M.Tech	02/06/2014	Thermal Power Engg	Assistant		21/07/2014	Regular	Yes		No



					Professor						
Madhusudan K	BNSPK5794F	M.E/M.Tech	03/06/2013	Manufacturing Science & Engineering	Assistant Professor		21/07/2014	Regular	Yes		No
Kemparaju C R	DPFPK6119M	M.E/M.Tech	03/06/2013	Thermal Power Engg	Assistant Professor		21/07/2014	Regular	Yes		No
Pavan Prabhakar Kadole	DPFPK6830B	M.E/M.Tech	03/06/2013	Machine Design	Assistant Professor		20/07/2015	Regular	Yes		No
Karthik S N	DZRPS0884M	M.E/M.Tech	03/06/2013	Advanced Material Technology	Assistant Professor		25/07/2016	Regular	Yes		No
Megha Shukla	CALPS6053A	M.E/M.Tech	06/06/2016	Machine design	Assistant Professor		25/07/2016	Regular	Yes		No
Kamalashish Deb	BJNPD6027K	M.E/M.Tech	04/06/2012	Thermal Engineering	Assistant Professor		17/07/2013	Regular	Yes		No
Vinod Kumar G S	BSJPK9994D	M.E/M.Tech	06/06/2011	Materials science & Engg	Assistant Professor		23/01/2017	Regular	Yes		No
Vinayak Prakash Balehittal	AYTPB4463H	M.E/M.Tech	06/06/2016	Proct design and manufactuirng	Assistant Professor		23/01/2017	Regular	Yes		No
Deepthi K.R.	BTXPD7641H	M.E/M.Tech	02/06/2014	Aeronautical engineering	Assistant Professor		21/07/2014	Regular	Yes		No
Lakshminarasimha N	AQZPN6299F	M.E/M.Tech	01/06/2015	THERMAL ENGINEERING	Assistant Professor		26/07/2017	Regular	Yes		No
Dr.Aditi Raj	BOPPR9397H	ME/M. Tech and PhD	01/06/2019	Mechanical	Assistant Professor		29/07/2019	Regular	Yes		No
Nithin	AOGPN0676R	M.E/M.Tech	05/06/2017	Computer Integrated Manufacturing	Assistant Professor		16/07/2018	Regular	Yes		No
Naresh K S	AJAPN0856G	M.E/M.Tech	03/06/2013	Machine design	Assistant Professor		17/07/2013	Regular	Yes		No
Vinay D R	AHEPV4106H	M.E/M.Tech	20/05/2013	Design Engineering	Assistant Professor		02/08/2017	Regular	Yes		No
Dr. Prabhakar Kammar	ADKPK6923B	ME/M. Tech and PhD	11/03/2013	Material Science	Professor	01/08/2014	14/02/2009	Regular	No	04/05/2019	No
Yashad Kumar Gaur	ADJPG9072C	M.E/M.Tech	02/07/1984	Maintanance Engg	Associate Professor	25/07/2016	25/07/2016	Regular	No	04/05/2019	No
Dr. Pradeep K S	AMDPS2879J	ME/M. Tech and PhD	09/05/2011	Aerospace Engg.	Professor	24/07/2013	24/07/2013	Regular	No	26/05/2018	No
Dr. B. VittaladasaPrabhu	AFMPP6459F	ME/M. Tech and PhD	07/01/2014	Operations & Supply Chain Management	Associate Professor	15/06/2016	15/06/2016	Regular	No	26/05/2018	No
Dr.Vadivel	AMTPV8095K	ME/M. Tech and PhD	06/05/2013	Materials Engineering	Associate Professor	28/01/2015	28/01/2015	Regular	No	26/05/2018	No
Dr. Krishnarao D Dhuri	AFRPD0146A	ME/M. Tech and PhD	21/02/2007	Mechanical Engineering	Associate Professor	28/01/2015	28/01/2015	Regular	No	26/05/2018	No
Dr. Prabhu Kumar G.P	AHUPP7667B	ME/M. Tech and PhD	18/03/1985	Mechanical Engineering	Professor	20/05/2016	20/05/2016	Regular	No	21/12/2018	No
Lakshmana Naik	AXUPN8829P	M.E/M.Tech	02/06/2014	Thermal Engineering	Assistant Professor		28/07/2016	Regular	No	26/05/2018	No

Designation	Number of faculty in the Department for both UG and PG *		
	2019-20	2018-19	2017-18
Professor	6(R) + 0(C)	6(R) + 0(C)	7(R) + 0(C)
Associate Professor	10(R) + 0(C)	4(R) + 0(C)	4(R) + 0(C)
Assistant Professor	29(R) + 0(C)	36(R) + 0(C)	35(R) + 0(C)
Number of Ph.D (as per the AICTE norms)	17	10	11

\* At least one Professor or Associate professor with PhD. degree on regular basis should be available exclusively for the department of the program under consideration.

## Student Faculty Ratio (No. of faculty as per the sanctioned intake)

### UG

No. of UG Programs in the Department : 1

Bachelor of Engineering (BE)						
Year of Study	CAY		CAYm1		CAYm2	
	(2019-20)		(2018-19)		(2017-18)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	180	17	180	34	180	36
3rd Year	180	34	180	36	180	36
4th Year	180	36	180	36	180	36
Sub-Total	540	87	540	106	540	108
Total	627		646		648	

**PG**

No. of PG Programs in the Department : 1

Master of Technology in Machine Design			
Year of Study	(2019-20)	(2018-19)	(2017-18)
	Sanction Intake	Sanction Intake	Sanction Intake
1 <sup>st</sup> Year	18	18	18
2 <sup>nd</sup> Year	18	18	18
Total	36	36	36

**SFR**

No. of UG Programs in the Department : 1

No. of PG Programs in the Department : 1

Description	2019-20	2018-19	2017-18
Total No. of Students in the Department(S) Sum total of all (UG+PG) students	663	682	684
No. of Faculty in the Department(F) F1	45	46	46
Student Faculty Ratio(SFR) SFR1=S1/F1	14.73	14.83	14.87
Average SFR SFR=(SFR1+SFR2+SFR3)/3	14.81		
<b>F=Total Number of Faculty Members in the Department (excluding first year faculty)</b>			

**Note:** 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

**Placement Ratio**

Year	No. of Students appeared in final year examination (N)	No. of Students Graduated out of Students appeared in final year examination(G)	Z = (No. of Students Placed + selected for higher studies + opted Entrepreneurship)	Placement Ratio(Z/N)
2018-19	215	210	146	.68
2017-18	190	187	130	.68
2016-17	196	175	130	.66
Average Placement Ratio				.67
Percentage				67

**Compliance Status to Pre-visit Qualifiers - Essential qualifiers**

Sr. No	Discipline	Current status	Compliance Status Complied/Not Complied
1	Vision, Mission & PEOs i. Are the Vision & Mission of the Department stated in the Prospectus / Website?	Yes	Complied

	ii. Are the PEOs of the Program listed in the Prospectus / Website?		
2	Whether approval of the competent authority (Approval of AICTE/ UGC/ BoG of Universities/ Deemed Universities etc.) for the programs under consideration has been obtained for all the years including current year	Yes	Complied
3	Whether admissions in the undergraduate programs at the Institute level has been more than or equal to 60% *average of the previous three academic years including Current Academic Year	Yes	Complied
4	Whether admissions in the undergraduate programs under consideration has been more than or equal to 60%**average of the previous three academic years including Current Academic Year	Yes	Complied
5	Whether faculty student ratio in the department under consideration is better than or equal to 1:25 averaged over previous three academic years including Current academic Year.	Yes	Complied
6	Whether at least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.	Yes	Complied
7	Whether number of available Ph.Ds. in the department is greater than or equal to 20% of the required number of faculty averaged for previous two academic years including Current Academic Year.	Yes	Complied
8	Whether two batches have passed out in the programs under consideration	Yes	Complied
9	Whether HODs possess Ph.D. degrees for the programs under consideration	Yes	Complied

### Declaration

i) I hereby certify that the information provided in the pre-qualifier is true and correct to the best of my knowledge. In case, it is found that institution has deliberately provided false/incorrect information, the NBA reserves the right to take necessary action as per its rules and procedures.

ii (a). I hereby confirm that the departments has programs assessment and quality improvement committee;

iii (a). I hereby certify that the department under the consideration receives separately earmarked funds for

- i. Maintenance of laboratory/computational facilities(recurring funds)
- ii. Up-gradation of laboratory/computation facilities (non-recurring funds)

# **ANNEXURE-9**



## New Horizon college of Engineering Bengaluru

Activities planned for **EK BHARAT SHRESTHA BHARAT (EBSB) program.**

Sl No	Category	Start Date	End Date	Description	Remarks
1	<i>Student Exchange Program</i>	23 June 2020	28 June 2020	50 students from NHCE will visit BTKIT,Dwarahat,	Cancelled to COVID
2	<i>Cultural</i>	17 Aug 2020	17 Aug 2020	Cultural program on “Heritage of Karnatka” like Yakshagana, DolluKuNitha, Butharadhane, Coorg Dance, Janapadha, Karnataka Music etc will be showcased by students of NHCE. Expected Prticipants: Students and Teachers of Both NHCE and BTKIT.	In progress
3	<i>Video Conferencing</i>	4 Sep 2020	4 Sep 2020	Topic: “Centre of Excellence in Mechanical Engineering Department” IOT,SAP,PLM etc Duration: 2 Hrs. Expected Participants: Student & teachers from both NHCE & BTKIT	In progress
4	<i>Video Conferencing</i>	5 Oct 2020	5 Oct 2020	Topic: “Schneider Electric Lab and Automation” Duration:2 Hrs. Expected Participants: Students & teachers from both NHCE & BTKIT	In Progress
5	<i>Learning the language</i>	15 July 2020	15 July 2020	Online language quiz will be conducted . Duration: 30 Minutes Language: Hindi	In Progress

EBSB coordinator

Principal

# **ANNEXURE-10**

# NEW HORIZON COLLEGE OF ENGINEERING

Dept of HRD (L&D and P)

2018-2021 Batch - Placement Data

SI No	BRANCH	2019	2020	2021
1	ENGINEERING / MCA / M.Tech	680	704*	21offers Rs.19.34 LPA
2	MBA	98	68*	
3	BCA / BBA / B.Com	116	206	

\* Placement process still on

# NEW HORIZON COLLEGE OF ENGINEERING

Dept of HRD (L&D and P)

2020 Batch - Placement Data

SI No	Branch	Offers Received	Total
1	Biotechnology	5	
2	Computer Science Engineering	217	
3	Civil Engineering	9*	
4	Electronics & Communication Engineering	161	
5	Electrical & Electronics Engineering	59	
6	Information Science & Engineering	117	
7	Mechanical Engineering	59	
8	Automobile Engineering	18	645
9	MCA	57	57
10	M.Tech	2	2
11	MBA	68	68
12	BBM,B.Com, BCA	206	206
<b>Total</b>			<b>978</b>

## New Horizon College of Engineering

### CIVIL PLACEMENT STATUS/PLAN : 2020 BATCH

<b>Sl No.</b>	<b>Name of the Company</b>	<b>Remarks</b>
1	CBRE	One Student placed through campus.
2	Accenture	One Student placed through campus.
3	Square Yards	Seven Students placed through campus.
4	STUP Consultants Pvt Ltd	Written test completed. 7 Students are shortlisted for final interview.
5	Sattva Group	30 Students have done internship. Campus likely in the month of Sep/Oct 2020.
6	MVN Infra	7 students are shortlisted for final interview.
7	Following companies are likely to commence their civil recruitment from the month of Oct/Nov 2020 : <b>NCC Ltd, MEIL, Secon India, Sobha Ltd, Volvo Constructions, BSR developers &amp; HM Constructions</b>	



**New Horizon College of Engineering**

**Department of HRD (CR, L&D, P)**

**MBA Placements - Companies in Pipeline for 2020 Batch**

<b>S.No</b>	<b>Name of the Companies</b>	<b>Stream</b>	
1	No Broker	MBA - Mkt	Results Awaited
2	MGH Labs	MBA-Mkt	Results Awaited
3	MaxBupa	MBA- Finance	Results Awaited
4	Kotak	MBA- All streams	In Process
5	Envision Financial	MBA - Finance	In Process
6	NTT Data	MBA-Mkt	Results Awaited

### **Concerns of 2020 batch**

1. Joining dates postponed to as far as Jan 2021.
2. 2 offers withdrawn and efforts are being made to place them in other companies.
3. Core companies' process initiated in January - February 2020 but all are on hold.
4. MBA Placement process is delayed due to Covid and is still on.

### **Changes in recruitment process**

1. Test patterns have changed, process – Virtual hiring
2. Many companies have still not finalized their hiring plan (11 Companies have confirmed hiring from NHCE)

## Report

### Online self learning and Assessment – 2021 Batch BE Students

Stages	Topic	Start Date	End Date
Phase 1	Online Aptitude learning	5 <sup>th</sup> April 2020	15 <sup>th</sup> April 2020
Phase 2	Extended Lock Down Aptitude Online learning	18 <sup>th</sup> April 2020	1 <sup>st</sup> May 2020
Phase 3	Monitored Online learning	2 <sup>nd</sup> May 2020	31 <sup>st</sup> May 2020
Phase 4	Boot Camp (Industry Specific Online assessments)	1 <sup>st</sup> June 2020	11 <sup>th</sup> June 2020
Phase 5 A	Technical Online learning	25 <sup>th</sup> June 2020	5 <sup>th</sup> June 2020 (extended till 12 <sup>th</sup> June 2020)
Phase 5 B (CSE/ISE/ECE/EEE)	Verbal Training	24 <sup>th</sup> June 2020	10 <sup>th</sup> June 2020
Phase 5 B (MCA/Mech/Civil/AU)	Verbal Training	6 <sup>th</sup> June 2020	14 <sup>th</sup> June 2020
C, Data Structures, Python	Technical Training	Kept open for students reference	

#### **Training related activities support for BE students:**

- Doubt clearing session
- Daily assessments
- Weekly comprehensive assessment

#### **Industry related training support for BE students:**

- Industry specific Pattern Assessment
- Cocubes and AMCAT pattern assessment
- Lowe's India Specific pattern assessment
- Capgemini Specific pattern assessment (Gamified & pseudo code)
- Webinars and pre placement talk with companies

## Report

### Training Report - 2021 Batch Degree students

For BCA 2021 Batch Students			
Topic	Start Date	End Date	
Aptitude Training	21 <sup>st</sup> May 2020	15 <sup>th</sup> June 2020	For Kasturinagar & Marathahalli
Verbal Training	16 <sup>th</sup> June 2020	19 <sup>th</sup> June 2020	

For BBA, B. Com 2021 Batch Students			
Topic	Start Date	End Date	
Aptitude Training	3 <sup>rd</sup> July 2020	20 <sup>th</sup> July 2020	For Kasturinagar
Verbal Training	17 <sup>th</sup> July 2020	20 <sup>th</sup> July 2020	

For BBA, B. Com 2021 Batch Students			
Topic	Start Date	End Date	
Aptitude Training	3 <sup>rd</sup> August 2020	21 <sup>st</sup> August 2020	For Marathahalli
Verbal Training	Yet to fix Dates		

#### **Training related activities support for BCA/BCOM/BBA students:**

- Doubt clearing session
- Daily assessment
- Weekly comprehensive assessment

#### **Industry related training support:**

- Webinars & Pre placement talks

**NEW HORIZON COLLEGE OF ENGINEERING**  
**Dept of HRD (CR, L&D and P)**

**2021 Batch - Companies lined up for Campus Recruitment**

<b>S. No</b>	<b>Company Name</b>	<b>Campus Date (Virtual hiring)</b>
1	Lowe's India - Premium Hiring	20 <sup>th</sup> July 2020 – Completed (21 Offers – Rs. 19.34 LPA CTC)
2	Goldman Sachs	9 <sup>th</sup> August 2020 - Online test
3	Lowe's India - General hiring	Interviews 18 <sup>th</sup> - 20 <sup>th</sup> Aug 2020
4	ESKO	14.8.2020 / 15 & 16. 2020
5	Capgemini	28 <sup>th</sup> Aug (4 <sup>th</sup> - 6 <sup>th</sup> Sept - Tech & HR Interviews)
6	Eurofins IT	24 <sup>th</sup> , 25 <sup>th</sup> , & 26 <sup>th</sup> August 2020
7	SuryaSoft	8 <sup>th</sup> & 9 <sup>th</sup> Sept 2020
8	DXC Technologies	11 <sup>th</sup> Sept - 15 <sup>th</sup> Sept
9	Hexaware	dates awaited
10	Betsol	dates awaited
11	Kaleyra	dates awaited
12	Cerner	dates awaited



# **ANNEXURE-11**

# NEW HORIZON COLLEGE OF ENGINEERING

NHCE/CIR/047/2020

03.08.2020

## Circular

**Sub: Advancement of current Intermediate Semester Students [B.E ( 2nd, 4th & 6th semester), MBA(2nd semester), MCA(2nd & 4th semester) and M.Tech (2nd semester) of A.Y 2019-2020] to the next Semester (A.Y:2020-2021)**

**Ref : 1) Special Regulations No. VTU/PS/2020-21/1386, dated 24-07-2020**

**2) Calculations of Grades No. VTU/BGM/Reg(E)/PS/2020-21/298,  
dated 31-07-2020**

With reference to the above, all the current intermediate semester students of A.Y 2019-2020 are advanced to next A.Y 2020-2021, based on the current CIE marks and SEE marks of immediate preceding Semester(Dec 2019/Jan 2020 Examination).

Hence all the Students are required to submit the Validity verification form along with the receipt of Rs.1200/- towards processing fee, on or before 6th August 2020.

Paymentlink

<https://smarthubeducation.hdfcbank.com/SmartFees/Landing.action?instId=4816>

**Note:** 1) Validity verification form will be shared by the respective departments

2) Both the Form and receipt should be scanned and saved as a single pdf file named with the USN and the same should be sent to the respective department.

  
PRINCIPAL

# NEWHORIZON COLLEGE OF ENGINEERING

(Autonomous College , affiliated to VTU)

## ADVANCEMENT OF CURRENT INTERMEDIATE SEMESTER STUDENTS TO THE NEXT SEMESTER A.Y 2020-2021

(Validity Verification form)

USN		DEPARTMENT:	
NAME		CURRENT SEMESTER:	

### CIE Marks of the current even semester

SI.No	Course Code	Course Name	Max. Marks (25/50)	Marks Obtained

### SEE Grades of the Previous ODD Semester( Dec 2019/ Jan 2020 Examination) only for credit courses

SI.No	Course Code	Course Name	Credits	Grade Obtained

SGPA of ODD semester Dec 2019/ Jan 2020 Examination	
CGPA of ODD semester Dec 2019/ Jan 2020 Examination	

Signature of the student:	Date:
---------------------------	-------

<b>Department use ONLY</b>	
Verified by:	
Signature of HOD:	Date:

<b>Office of COE use only</b>	
Verified by:	
Signature of COE:	Date:

<b>For the consideration and ratification of the Academic council</b>	
Chairman Academic Council	
Signature:	Date:



# Visvesvaraya Technological University

Belagavi - 590 018, Karnataka State, INDIA

**Prof. Satish Annigeri** Ph.D.  
**Registrar (Evaluation)**

Phone : (0831) 2498131

Fax : (0831) 2498184

Ref. No.VTU/BGM/Reg(E)/PS/2020-2021/ 298.

Date : 31 JUL 2020

## CIRCULAR

**Sub: Calculation of grades of Current intermediate Semester Students. - reg.**

**Ref: Special Regulations No. VTU/PS/2020-21/1386, dated 24-07-2020.**

With reference to the above, following is the method of calculation of grades for the students of current Intermediate Semester Students.

### PROCEDURE FOR CALCULATION OF GRADES FOR CURRENT INTERMEDIATE STUDENTS

The grades of all UG and PG students of current intermediate semesters shall be calculated as follows:

1. CIE marks of each course of current even semester shall be scaled to a maximum of 50.
2. SEE marks of all credit courses of the preceding odd semester shall be scaled to a maximum of 50 and then averaged. If a student has remained absent in the preceding semester, the SEE marks for that course shall be taken as zero.
3. The calculated average SEE marks shall be taken as the SEE marks for each course of the current even semester.
4. The minimum average SEE marks for passing shall be 10/50.
5. Regulations applicable to minimum CIE, SEE and total marks for the current even semester shall be as per applicable regulations.
6. Total marks for any course of the current even semester shall be the sum of CIE of the current semester (scaled to a maximum of 50 marks) and average SEE marks (scaled to a maximum of 50 marks) of all the credit courses of the preceding odd semester.
7. Grades shall be assigned based on the applicable regulations.
8. Where marks require scaling, fractional marks shall be rounded up to the next larger integer.

The contents of this circular may be brought to the notice of all the concerned.


Sd/-

**REGISTRAR (EVALUATION)**

To, The Principals of Constituent, affiliated and autonomous colleges and Chairman of all VTU PG Departments

Copy FWC's to:

1. Hon'ble Vice-Chancellor through the Sec. To VC, VTU Belgaum, for kind information.
2. The Registrar, VTU Belgaum, for information.
3. The Regional Directors of VTU Regional Offices, for information & needful.
4. The Director, ITISMU, VTU Belagavi, for information.

  
**REGISTRAR (EVALUATION)**





# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

Phone : (0831) 2405468  
Fax : (0831) 2405467  
Email : registrar@vtu.ac.in  
website : www.vtu.ac.in

Prof. A. S. Deshpande, B.E(Mech), M.Tech., Ph.D.  
Registrar

Ref. No.: VTU/PS/2020-21/1386

Date: 24 JUL 2020

To,

All the Principals / Directors of Constituent,  
Affiliated, Autonomous Engineering Colleges/  
Schools of Architecture and Chairpersons of  
PG Depts. under VTU.

Sir/Madam,

Sub: Special Regulations with regard to Examinations and Academic Calendar  
for UG and PG Programs 2019-20 and Research Programs.

Ref: 1) E.C. Resolution No.7.1 of it's 151<sup>st</sup> Meeting dated 27.05.2020.  
2) Hon'ble Vice Chancellor's Order dt: 22.07.2020.

Please find enclosed herewith the Special Regulations copy regarding Examinations  
and Academic Calendar for UG and PG Programs 2019-20 and Research Programs.

In this regard, you are here by requested to bring the contents of the Special  
Regulations to all the concerned of your college and note the same.

Thanking you,

Yours faithfully,

Encl: as above.

24.7.2020  
Registrar

Copy to :

1. The Registrar(Evaluation), VTU, Belagavi for information.
2. The Secretary to VC, VTU, Belagavi.



# Visvesvaraya Technological University

"Jnana Sangama", Belagavi 590018

## Special Regulations with regard to Examinations and Academic Calendar for UG and PG Programs 2019-20 and Research Programs

(As one time measure and applied only to the August/September 2020 examinations of the academic year 2019-20 on account of the difficult situation arising due to COVID-19)

### References

1. Govt. of Karnataka order No. ED/197/UNE/2020, Bengaluru, dated 10.07.2020
2. UGC D.O. Letter No. F. 1-1/2020(Secy.), dated 29.04.2020
3. UGC D.O. Letter No. F. 1-1/2020(Secy.), dated 06.07.2020
4. UGC D.O. Letter No. F. 1-1/2020(Secy.), dated 08.07.2020
5. Executive Council resolution No.7.1 of it's 151<sup>st</sup> Meeting dated 27.05.2020

### Preamble

COVID-19 pandemic has set new normal in various fields. Extensive usage of online teaching-learning platforms, mentoring and monitoring of students in a remote mode are few such new trends experienced by Academia in these difficult times.

All the Affiliated, Constituent and Autonomous colleges under Visvesvaraya Technological University have conducted these online teaching-learning sessions with a fair degree of seriousness, though there are few doubts about its effectiveness due to various constraints.

Hon'ble Vice Chancellor of VTU did assess the effectiveness of online sessions across various regions of the State through various stakeholders such as Principals, Teachers, Students and few social organizations working for Students community. According to this survey, 70-75% of the students were reached through these Online sessions, but the coverage of the syllabus and the learning by the students is not consistent across. As per the reports received from the colleges, more than 95% of the students have participated in Continuous Internal Evaluation (CIE) with good performance. Also, it was strongly opined that, mere online classes will not serve the purpose but, these need to be blended with few classroom sessions.

Hon'ble Vice Chancellor also deliberated with few senior experts from Higher Education domain viz. former Vice Chancellors, authorities from organizations such as Accrediting agencies, Higher Education Councils both at National as well as State level, Industrialists, Corporate Leaders, Recruiters etc. A series of discussions were also held with the members of the Executive Council, Academic Senate, Chairpersons of Boards of Studies and Principals of colleges under VTU. All these deliberations and discussions were about the possible issues those may come up with regard to the examinations and framing of Academic Calendar in view of COVID 19 pandemic.

As per the order from Govt. of Karnataka and guidelines issued by UGC (References as above), following regulations are to be followed for all the Affiliated, Constituent and Autonomous institutes under Visvesvaraya Technological University.

### Special Regulations for Conducting Examinations/Assessment

Visvesvaraya Technological University will adopt Special Regulations as per the UGC Guidelines dated 29-04-2020, Revised UGC Guidelines dated 06-07-2020 and order of the Government of Karnataka dated 10-07-2020 for conduct of examinations/assessment, which are as follows:

1. **UG and PG Students of Current Terminal Semesters:** The following special regulations are made with reference to the examinations of current terminal semester students:
  - a. All examinations of current terminal semesters of UG and PG programs, except subjects involving Viva Voce examinations, shall be conducted in off-line (pen and paper) mode,



so as to be completed by the end of September 2020. Question papers of current terminal semester exams will have open choice and normal duration as per the applicable scheme.

- b. Examinations of UG and PG programs of Project Work and any other subject where the SEE is in the form of Viva Voce, shall be conducted preferably through online mode, with both internal and external examiners from the same college. Reports of such Viva Voce examinations can be submitted in soft copy format and demonstrate working of experiments/fabricated machines etc. through video recordings.
  - c. Backlog examinations of current terminal semester students shall be conducted in off line (pen and paper) mode. Question papers of backlog subjects shall have normal choice and normal duration as per the applicable scheme.
  - d. In case a student of current terminal semester is unable to appear in the examination for whatever reason, he/she will be given an opportunity to appear in the immediate next examination, whenever it is conducted next. In such case, appearance will not be considered as an additional attempt.
  - e. Students of current terminal semester who wish to improve their grade in any subject/course of the current terminal semester examination will be given one additional attempt to attend the examination in that subject/course during the examinations conducted next. In such a case, student will be awarded the better of two grades and that appearance will not be considered as an additional attempt.
2. **UG and PG Students of Current Intermediate Semesters:** The UG and PG students of current intermediate semesters shall be assessed based on UGC Guidelines considering their CIE marks and performance in the immediate previous semester. The formula for deciding the grades will be notified separately. The following special regulations are made with reference to students of current intermediate semesters:
- a. Grades of UG and PG students of current intermediate even semesters in subjects other than those covered in (b) below, shall be the sum of 50% marks on the basis of CIE and the remaining 50% marks on the basis of performance in previous semester only. The formula for deciding the grades will be notified separately. In case if any specific advisories or directives are received from statutory bodies such as UGC/AICTE/CoA, the same shall be considered in the formula for deciding the grades.
  - b. Examinations of all current intermediate even semesters conducted in the form of Viva Voce shall be conducted preferably through online video conferencing platforms, with both internal and external examiners from the same college. Reports of such Viva Voce examinations can be submitted in soft copy format. The CIE and SEE shall be as per the scheme applicable to those examinations.
  - c. Students of current intermediate even semester who wish to improve their grade in any subject/course of the current intermediate semester assessment will be given one additional attempt to attend the examination in that subject during the examinations conducted next. In such a case, student will be awarded the better of two grades and will not be considered as an additional attempt.
  - d. The scheme of "carry forward" (for the subjects in which the student has failed) shall be allowed for the current academic year in the University and every student, shall be allowed to register for the next permissible odd semester based on the most recent even semester completed by the student. However, such students shall clear the examination for the subject in which he/she has failed/remained absent, in the immediate two examinations (odd and even semester) conducted next and gain eligibility as per vertical progression regulations of the University.
3. **UG and PG Students with Backlog Subjects:** University will conduct backlog examinations of all subjects of UG and PG programs. All UG and PG students, including students currently ineligible for admission to next odd semester, can attend backlog exams in off line (pen and paper) mode.

  
24.7.2020  
REGISTRAR  
Visvesvaraya Technological University  
BELAGAVI.



4. **UG and PG Students Currently Ineligible for Admission to Next Academic Year:** Students who are currently ineligible for admission to next odd semester can attend exams of their backlog subjects in off line (pen and paper) mode. In addition, they will be allowed to next odd semester as per 2 (d) above.
5. **UG Students of One Time Exit Scheme:** Students of OTES who have gained eligibility to attend exams of any semester shall attend the examinations in off line (pen and paper) mode.
6. **Attendance of Current Even Semester:** Regarding the requirement of minimum percentage of attendance for the students, the period of lockdown may be treated as 'deemed to be attended' by all the UG and PG students.
7. **Internships:** VTU will adopt the following measures for internships and related activities to ensure the safety and interest of all stakeholders:
  - a. Allow the students to take up online internships/ activities including activities that can be carried out digitally or otherwise from home
  - b. Engage them to work as interns on ongoing projects
  - c. Delay the start date of the internship
  - d. Reduce the period of internship and clubbing it with assignments etc.
8. **Autonomous Colleges:** All Autonomous colleges shall follow the above guidelines ensuring fair opportunity to all students and maintain the sanctity and quality of examinations. The autonomous colleges are permitted conduct current terminal semester examinations in off-line (pen and paper)/online/blended mode. They could also conduct the required number of contact hours for the supplementary semester (through online/offline/blended mode) and conduct the examinations for all the semesters as per the usual prescribed practice.
9. **Research Examinations and Entrance Test:** As per UGC Guidelines dated 24-09-2020, following special regulations are made with reference to Research Examinations:
  - a. Pre Ph.D. Comprehensive Viva Voce and Final Viva Voce examinations will be conducted using online video conference.
  - b. Research Entrance Test will be conducted in online mode.

#### Tentative Academic Calendar

As per the framework prescribed by the above referred order of Government of Karnataka, the tentative dates for the Academic and Examination events would be as under:

Event	Proposed Dates
Class room intervention for current terminal semester students (Optional)	01-08-2020 to 14-08-2020
Project viva voce examinations for current terminal semester students (Online)	17-08-2020 to 21-08-2020
Current terminal semester examinations ( Offline) including backlog examinations	24-08-2020 to 30-09-2020
Results of terminal semester UG and PG examinations	15-09-2020
Results of backlog UG and PG examinations	15-10-2020
Commencement of Academic Year 2020-21 for higher semesters. (The classes would be commencing in online mode until further orders) <b>Note:</b> Odd Semester of Academic Year 2020-21 shall be of 6 days/week (as per AICTE).	01-09-2020

These regulations have been formulated without compromising the quality of technical education, sanctity of academic expectations and integrity of examination process and keeping in mind the safety and welfare of students, staff and all stakeholders.

  
 REGISTRAR  
 Visvesvaraya Technological University  
 BELAGAVI.

These regulations will be implemented as a one-time measure and applied only to the August/September 2020 examinations of the academic year 2019-20. These regulations will be applied uniformly to all the students of this University.

In case of specific cases not covered by these special regulations or disputes arising subsequent to their implementation, University shall take appropriate decisions which shall be binding on all concerned.

  
24.7.2020  
REGISTRAR  
Visvesvaraya Technological University  
BELAGAVI.





ज्ञान-विज्ञान विमुक्तये

प्रो. रजनीश जैन  
सचिव

Prof. Rajnish Jain  
Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग  
University Grants Commission

(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
(Ministry of Human Resource Development, Govt. of India)

बहादुरशाह जफर मार्ग, नई दिल्ली-110002  
Bahadur Shah Zafar Marg, New Delhi-110002

Ph : 011-23236288/23239337

Fax : 011-2323 8858

E-mail : secy.ugc@nic.in

D.O.No.F.1-1/2020 (Secy)

8<sup>th</sup> July 2020

### Standard Operating Procedure (SOP) for Conduct of Examinations

Respected Madam/Sir,

The University Grants Commission (UGC) vide letter dated 6<sup>th</sup> July, 2020 has issued **UGC Revised Guidelines on Examinations and Academic Calendar for the Universities in view of COVID-19 Pandemic**. As per the letter the Universities have been asked to complete the conduct of Terminal Semester(s)/ Final Year examinations by the end of 30<sup>th</sup> September, 2020.

In addition, the Ministry of Human Resource Development, Government of India vide Office Memorandum F.No.16-16/2020-UIA, dated 6<sup>th</sup> July, 2020 has issued instructions for conduct of examinations wherein the MHRD has formulated detailed SOP for conduct of examinations with measures to be taken in view of COVID-19 situation, duly vetted by the Ministry of Health and Family welfare. A copy of the above mentioned Office Memorandum along with detailed SOP for Conduct of Examinations **(Annexure-I)** and UGC Revised Guidelines **(Annexure-II)** are enclosed for necessary action.

Looking forward for your kind cooperation.

With kind regards,

Encl.: As above.

Yours sincerely,

(Rajnish Jain)

To

1. The Vice Chancellors of all Universities
2. The Principals of all Colleges

Copy for kind information to:

1. The Principal Secretary/Secretary to the Governors of all States/Lt. Governors of all Union Territories.
2. The Principal Secretary/Secretary, Department of Higher Education, all State Governments/Union Territories

(Rajnish Jain)



F. No. 16-16/2020-U1A  
Government of India  
Ministry of Human Resource Development  
Department of Higher Education

Shastri Bhawan, New Delhi  
Date the 6th July, 2020

**OFFICE MEMORANDUM**

**Subject: Instructions for conduct of examination –regarding.**

A large number of examinations of the Universities, IIT-JEE (Mains & Advance), NEET etc are scheduled to be held in the coming months. In order to ensure safety of the examinees, as also their academic interest, the following action may be taken.

1. Final Term Examinations should be compulsorily conducted as per UGC Guidelines on Examinations and Academic Calendar for the Universities dated 29.04.2020 which have been again resolved today i.e. 06<sup>th</sup> July, 2020.
2. All examination may be conducted by 30<sup>th</sup> September, 2020.
3. Taking into consideration the academic interest of large number of students, MHA has agreed to the request of MHRD and granted exemption for the opening of educational institutions for the purpose of holding examinations/ evaluation work for Final Term Examinations of the Universities/ Institutions.
4. MHRD has formulated detailed SOP for conduct of examinations with precautions to be taken in view of COVID – 19 situation. This has been vetted by the Ministry of Health and Family Welfare. A copy of the same is enclosed to ensure safety of all.
5. Previous instructions regarding "Work From Home" sent vide letter dated 30.06.2020 will not apply to the officers, faculty and non-Teaching Staff who are involved in Examination/Evaluation/Admission work.

V. Sagar  
6/7/2020

(Vidya Sagar Rai)

Under Secretary to the Govt. of India

Encls: As above.

To

1. Prof. D. P. Singh, the Chairman, University Grants Commission, New Delhi.
2. Prof. Anil D. Sahasrabudhe, the Chairman, AICTE, New Delhi.
3. Shri Vineet Joshi, Director General, NTA, Noida, (UP).

Copy to: The Chief Secretaries/Secretary(Education) of States/UTs.

CC:

1. Shri Ajay Kumar Bhalla, Home Secretary, North Block, New Delhi.
2. Ms. Preeti Sudan, Secretary, M/o Health and Family Welfare, Nirman Bhawan, New Delhi.
3. PS to HRM.

V. Sagar  
6/7/2020

(Vidya Sagar Rai)

Under Secretary to the Govt. of India



## **Guidelines for Conduct of Examinations**

### **Background**

Universities and other educational institutions across the country have been closed since 16<sup>th</sup> March, 2020, as one of the measures to contain the COVID-19 outbreak. In April, 2020, the University Grants Commission (UGC), has issued "*Guidelines on Examinations and Academic Calendar for the Universities in View of COVID-19 Pandemic and Subsequent Lockdown*". In these guidelines it was proposed to hold the examination from July, 2020 onwards. The Guidelines provided various options for conduct of examinations to be decided finally by the University.

Presently, several universities have already conducted/planned the examinations in online/offline (pen & paper)/ blended (online + offline) mode.

Top ranking universities of the world have opted for the final exams to be done remotely. Like Princeton and MIT (USA); University of Cambridge, Imperial College of London (UK); University of Toronto and McMaster (Canada); University of Heidelberg (Germany); and University of Hong Kong have resorted to the online technology based mode of examinations. International universities like National University of Singapore, University of Adelaide of Australia, Oxford University for Final Semester have scheduled their exams in take home format. Alternative form of assessment like Open Book, Term Paper, Continuous Assessment, Presentations, Assignments, time-limited exams have been preferred as a substitute for exam in select countries of Asia and Europe.

### **Rationale**

In order to safeguard the larger interests of students related to their academic and career progression, particularly those who are in their terminal semester/final year, the institutions are required to chart out a plan for conduct of examinations in online/offline (pen & paper)/ blended (online + offline) mode, after making a comprehensive assessment of their level of preparedness, residential status of the students, status of COVID-19 pandemic spread in different region/ state and all other such factors, to deal with any sort of exigency. The performance in examinations brings in scholarships and awards and translates into better job placement. This would not only give them more confidence and satisfaction, but also ensure merit and lifelong credibility.

### **Some Concerns**

The higher educational institutions should address the following concerns:

1. The implementation of instructions and directives regarding safety and health issues by the central and state government departments.
2. Uncertainty among students regarding modes of teaching learning, completion of courses, examinations, evaluation, declaration of result, academic calendar, admissions, opening of institutions, etc.



3. Anxiety and stress developed during lockdown period and fear of COVID-19 after opening of campuses.
4. Safety measures including sanitisation of premises, thermal screening, ensuring physical distancing, mask wearing, hand washing etc.
5. Preparation for risk assessment and subsequent actions which varies - whether the institution is fully residential, partially residential or non-residential. The higher risk and bigger challenge is faced by non-residential institutions where the students will leave daily and come back next day.
6. Besides students, the risk of serious illness due to COVID-19 is faced by the faculty, counsellors, and other technical and non-teaching staff who face the students regularly.

#### **Standard Operating Procedure for conduct of Examinations**

1. The instructions, guidelines and orders issued by the central and state governments concerning the opening of educational institutions and safety and health should be abided by the universities and colleges. However, they may develop more stricter provisions and guidelines, if they find it necessary.
2. In case there is a restriction on movements in certain areas, admit/ identity cards issued to the students should be treated as a pass for the movement of students. State Governments should issue instructions to all local authorities to issue movement passes to invigilators and all personnel engaged in the conduct of examination.
3. Entire examination centre floors and walls, doors, gates, should be sprayed with disinfectant.
4. Fresh mask and gloves to be used by exam functionaries after staff verification is done.
5. Sanitizer bottles should be arranged at the entry gate, examination rooms, staff/observer room, etc. and should be replenished regularly.
6. All liquid handwash bottles should be replenished in restrooms and entry gate whenever required
7. Candidate Seating Area should be thoroughly sanitized (desk and the chair) after every session.
8. All the washrooms should be cleaned and disinfected.
9. All door handles, staircase railing, lift buttons, etc. should be disinfected.
10. Wheelchairs, if present at the examination centres, should be disinfected.
11. All the trash bins should be cleaned.
12. Staff verification and self-declaration as suggested below must be done as soon as they report at the Centre
  - a. Exam functionary must submit self-declaration about health status.
  - b. Thermo gun temperature check must be done at staff entrance point
  - c. If any Examination functionary fails to meet the self-declaration criteria, or thermo gun check, he/she will be asked to leave the examination centre immediately
  - d. Exam functionary needs to wear the mask and gloves at all time
13. Cleanliness and hygienic conditions as per safety and health advisories of the concerned government departments are to be maintained at all places.
14. Proper signages, symbols, posters etc. should be displayed at appropriate place to maintain social distancing.



15. Downloading of 'Arogya Setu' App may be advised for every staff and student of the university and college.
16. Adequate arrangements of thermal scanners, sanitizers, facemasks, and hand gloves at all entry and exit points including the reception area. Wherever possible, students should be given fresh face masks by the Invigilators in the examination room itself.
17. Avoid crowding at entry and exit points.
18. Opening all the gates, of entry and exit, in case HEIs have more than one gate.
19. Senior staff should monitor the entry and exit. There should be proper markings with at least 2 meter distance where students stand while waiting for opening of the college gate. Exit of students should be permitted one by one only.
20. Thermal Screening of students, wearing of face mask, sanitizing of hands etc. be ensured.
21. The Invigilators, while on duty, should be continuously wearing mask, and proper hand gloves.
22. The students should be asked to sanitize their hands before and after signing the Attendance Sheet.
23. Students having symptoms of fever, cough and cold should be either made to sit in a separate room or given a chance to appear on another day.
24. Hand washing stations with facilities of liquid soap should be made available so that every student can wash her/his hand frequently.
25. Keeping in view the physical distancing, institutions should have adequate rooms capacity to meet the proper seating arrangement for examination. Minimum distance between two students should be 2 meters. **Sample seating plan is annexed.**
26. Adequate arrangements for safe drinking water be made on the campus.
27. Adequate supply of water in toilets and for hand washing be ensured.
28. Dustbins must be cleaned and covered properly.
29. Proper sanitization of buses, other transport and official and vehicles of the institution.
- 30. At the end of the day-**
  - a. Used gloves and masks should be disposed only in a pedal push covered bin at the Examination Centre and outside the examination room/hall :
  - b. Safely dispose off all used masks and gloves discarded at the examination centres or outside the examination centre in trash bin bags at suitable place and as per standard guidelines issued by health authority
- 31. Maintain record of all exam functionaries**
  - a. Record of all exam functionaries will be maintained in the system for future reference and traceability.
  - b. Invigilator records are maintained in the system through staff verification processes.

Name and number of other staff such as Housekeeping, Security Guards, etc will be maintained.



## SAMPLE SEATING PLAN

Col.1	Col.2	Col.3	Col.4
Candidate's Roll No.	Candidate's Roll No.	Candidate's Roll No.	Candidate's Roll No.
1	4	7	10
Empty	Empty	Empty	Empty
2	5	8	11
Empty	Empty	Empty	Empty
3	6	9	12
Empty	Empty	Empty	Empty





## **UNIVERSITY GRANTS COMMISSION**

### **UGC Revised Guidelines on Examinations and Academic Calendar for the Universities in view of COVID-19 Pandemic**

#### **Introduction**

The University Grants Commission (UGC) has issued Guidelines on Examinations and Academic Calendar for the Universities in View of COVID-19 Pandemic and Subsequent Lockdown on 29<sup>th</sup> April, 2020. In these Guidelines it was proposed to conduct the examinations in July 2020. The said Expert Committee was requested to revisit the Guidelines for Examinations and Academic Calendar as the number of COVID cases are still rising and likely to increase further. The Report of the Expert Committee was considered and approved by the Commission in its emergent meeting held on 6<sup>th</sup> July 2020.

In continuation to earlier Guidelines issued on 29.04.2020 and based on the Report of the Expert Committee, the following *Revised Guidelines on Examinations and Academic Calendar for the Universities in view of COVID-19 Pandemic* were also approved by the Commission in its emergent meeting held on 6<sup>th</sup> July 2020:

#### **GUIDELINES**

In view of the emerging situation related to COVID-19 pandemic in India, it is important to safeguard the principles of health, safety, fair and equal opportunity for students. At the same time, it is very crucial to ensure academic credibility, career opportunities and future progress of students globally. Academic evaluation of students is very important milestone in any education system. The performance in examinations gives confidence and satisfaction to the students and is a reflection of competence, performance and credibility that is necessary for global acceptability.

#### **1. Mode of Terminal Semester/ Final Year Examinations (2019-20)**

The universities are required to complete the examinations by the end of **September, 2020** in offline (pen & paper)/ online/ blended (online + offline) mode following the prescribed protocols/ guidelines related to COVID-19 pandemic.

#### **2. Provision of Examination through Special Chance**

In case a student of terminal semester/ final year is unable to appear in the examination conducted by the University for whatsoever the reason(s) may be, he/she may be given opportunity to appear in special examinations for such course(s)/ paper(s), which may be conducted by the university as and when feasible, so that the student is not put to any inconvenience/ disadvantage. The above provision shall be applicable only for the current academic session 2019-20 as a one-time measure.

**3. Backlog of Papers in Respect of Terminal Semester(s)/ Final Year Students**

The students of terminal semester/ final year students having backlog should compulsorily be evaluated by conducting examinations in offline (pen & paper)/ online/ blended (online + offline) mode as per feasibility and suitability.

4. The guidelines regarding intermediate semester/ year examinations will remain unchanged as notified on 29<sup>th</sup> April, 2020.
5. The relevant details, if need be, pertaining to the Admissions and Academic Calendar in the universities and colleges shall be issued separately in place of those mentioned in the earlier guidelines issued on 29<sup>th</sup> April, 2020.
6. Notwithstanding the above guidelines regarding conduct of examination and commencement of next academic session, every university/ institution has to ensure that it is prepared in all respects to carry out the academic activities following necessary protocols/guidelines/directions/advisories issued by the Central/State Governments and MHRD/ UGC from time to time, in view of COVID-19.





# **NEW HORIZON COLLEGE OF ENGINEERING**

New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

**PROCEEDINGS OF THE 13<sup>TH</sup>  
GOVERNING COUNCIL  
MEETING HELD ON  
19<sup>TH</sup> FEB 2020**



# NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC

Accredited by NAAC with 'A' Grade, Accredited by NBA

The Trust is a Recipient of Prestigious Rajyotsava State Award 2012 Conferred by the Government of Karnataka

Ref: NHCE/13 GCM/ 2019-20/

Date: 09/02/2020

To

All the members of the  
Governing Council NHCE

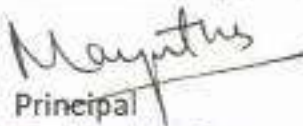
Sir,

Sub: Minutes of Meeting of 13<sup>th</sup> Governing Council Meeting.

13<sup>th</sup> Governing Council meeting is convened on 19/02/2020 at 10.30Am at Conference hall, New Horizon College of Engineering, Bangalore 560103. All the GC members are requested to please make it convenient to attend the meeting. Agenda points for the meeting enclosed for your perusal.

Thanking you

Yours faithfully,



Principal  
Dr. Manjunatha  
NHCE  
Bangalore

Encl: As above.


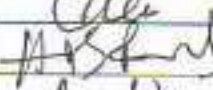




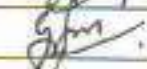
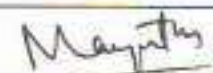


# 13<sup>th</sup> GOVERNING COUNCIL MEETING NEW HORIZON COLLEGE OF ENGINEERING

## MINUTES OF THE MEETING:-

Minutes of the 13<sup>th</sup> Governing council meeting held on 19<sup>th</sup> February 2020 at 10.30AM at New Horizon College of Engineering, Bengaluru-560103.

## MEMBERS PRESENT:-

SL.NO	MEMBER	POSITION	SIGNATURE
1	Mrs. Renuka Manghnani	Chairperson	
2	Mr. H N Surya Prakash	Member	
3	Dr. R Bodhisatvan	Member	
4	Dr. Prashanth C S R	Member	
5	Dr. M. S. Ganesha Prasad	Member	
6	Dr. Vijilius H Raj	Member	
7	Mr. Gurucharan Singh	Member	
8	Dr. Mathew Maniwala	Member	-
9	Prof. H Devraj UGC Nominee	Member	-
10	AICTE Nominee	Member	-
11	DTE Nominee	Member	-
12	VTU Nominee	Member	-
13	Prof. T G Sitharam	Member	-
14	Dr. Manjunatha	Ex Officio Member Secretary	

## THE AGENDA FOR THE 13<sup>th</sup> G C MEETING ARE AS FOLLOWS:-

1. Review and Recording of minutes of previous meeting.
2. Calendar of events of the academic year 2019-20.
3. Approval of budget 2019-20.
4. Review and Ratification of appointments of Teaching Staff and Non- Teaching Staff.
5. Teaching learning process.
6. Review of Scheme and syllabus of BE, MCA, MBA, and M.Tech Programme.
7. Introduction of new UG Courses.
8. Review of R&D activities.
9. Review on preparation for NBA Tire-I Certification.
10. Study exchange programme under \*EK Bharat Shreshtha Bharat (EBSB) Programme as per AICTE requirements.
11. Status on earning of activity points for award of Degree to students.

12. Review of placement status.
13. Review of ODD semester result.
14. Review of Report on Induction Programme for I year BE students.
15. Sports and Achievements.

Principal Dr. Manjunatha, Member Secretary cordially welcomed all the members of the Governing Council Body. Principal presented the contents of the 13<sup>th</sup> Governing Council Agenda.

**Agenda Points:**

1. **Review and Recording of minutes of previous meeting (12<sup>th</sup> Meeting)**  
Principal with the permission of the Hon'ble Chairperson read out the minutes of the 12<sup>th</sup> G C Meeting.  
The following points were discussed
  - a. **Approval of the successful list of candidates of UG/PG programmes (AY 2018-19)**  
Principal informed that 1484 candidates have graduated during the year 2018-19 under UG and PG programmes. The members expressed their happiness with the performance of the students.
  - b. **Approval of the list of meritorious students of UG/PG Programmes (AY 2018-19)**  
Principal informed that 93 ranks were awarded to the students from all the departments. Same was appreciated by the members.  
  
All the G C Committee Members have unanimously passed the 12<sup>th</sup> G C meeting.
2. **Calendar of events of the Academic Year 2019-20**  
The calendar of events of all the department were reviewed and same is found to be in order. The council members have approved the same. Calendar of events for Academic Year 2019-20 enclosed as **Annexure- 1**.
3. **Approval of Budget 2019-20**  
The consolidated budget plan and actual expenses for the year 2018-19 were discussed and was ratified by the council. Further Principal has presented the detailed approved budget plan for the year 2019-20 of all the departments. All the council members have given their consent for the same.  
The consolidated budget plan for 2018-19 and the approved budget plan for the year 2019- 20 is enclosed as **Annexure -2**.
4. **Review and Ratification of appointments of the Teaching staff and Non – Teaching staff**  
The existing staff after resignation and maternity, additional staff required in addition to existing staff and the present status of recruitment of additional staff was reviewed and ratified by the council members.



**5. Teaching and Learning Process**

Dean Academics has presented in detail the teaching and learning process adopted in NHCE. The Council has ratified the teaching learning process as presented by Dean Academics. The teaching and learning process followed at NHCE is enclosed as **Annexure-3**.

**6. Review of scheme and syllabus of BE, MBA, MCA and M.Tech Programmes**

Dean Academics has presented the scheme and syllabus of BE, MBA, MCA and M.Tech Programmes and informed that same is approved by the Academic Council. Dean Academics further informed that the scheme and syllabus of all the programmes are uploaded in NHCE website.

The council of members have approved the same.

**7. Introduction of New UG Courses**

Principal announced that two new UG courses viz BE in Computer Engineering and BE in Artificial Intelligence and machine learning will be introduced from the academic year 2020-21 with an intake of 60 students from each department respectively. The council of members have expressed their happiness and approved the same.

**8. Review of R&D Activities**

Dean R&D has presented the R&D progress report for the year 2019-20

a. Patents

Patents filled - 60 Nos

Patents Published - 30 Nos

b. Sponsored Research Projects – 55 Nos (2018-19)

c. Consultancy projects – 108 Nos (2018-19)

The council members have expressed their happiness on the progress of R&D activities and ratified the same. The details of patents and research projects are at **Annexure-4**

**9. Review on Preparation of NBA Tire-1 Certification**

Principal informed that NHCE is applying for NBA Tire-1 Certification for the following branches

a. Mechanical Engineering

b. Civil Engineering

c. Electronic and Communication Engineering

d. Computer Science Engineering

Preparation for the accreditation is in progress. The first round of (i) Academic audit and (ii) General and Infrastructural Audit is already completed.

The Audit Schedule, Audit observation and suggestion made during the above audits are enclosed at **Annexure-5**.

The committee has expressed their happiness on the progress made.

**10. Study Exchange Programme under “Ek Bharat Shreshtha Bharat (EBSB) programme as per AICTE requirements.**

Principal informed that MHRD in association with AICTE have planned “Ek Bharat Shreshtha Bharat” programme. He further explained that this is a prime minister initiative to foster National Integrity through systematic exchange of students for higher education between paired states/ UT. Principal was happy to inform that

NHCE is selected for pairing with the institutions from pairing states and approval from the management is already obtained. The council members have expressed their happiness. The detail of the EBSB programme is enclosed as **Annexure-6**.

**11. Status on earning of activity points for award of Degree to students**

Principal informed that VTU in co-ordination with AICTE has created a unique mechanism of awarding activity points over and above the academic grades. The activity point to be earned by different category of students is as under.

Sl No	Student Category	Activity points prescribed by AICTE
1	Regular Student	100
2	Lateral Entry Student	75
3	Students transferred from other Universities to V Sem	50

Dean Academics informed that the guidelines for planning AICTE activity points are sent to all the department heads. The council members have approved for the same. The guideline for planning activity point for student is enclosed as **Annexure-7**.

**12. Review of Placement Status**

Director HRD presented the placement status of 2019-20 as on date  
The placement status is as under

Placement Details				
Sl.No	Department	VII Sem Strength	No of Placement	% Placement
1	AU	55	10	18.18
2	BT	61	5	8.20
3	CSE	227	216	95.15
4	CIV	138	2	1.45
5	ECE	201	153	76.12
6	EEE	124	57	45.97
7	ISE	129	116	89.92
8	ME	200	52	26.00
9	MCA	122	49	40.16
10	M.Tech CS	7	2	28.57
		<b>1264</b>	<b>662</b>	<b>52.37</b>

The committee was very happy on the status of placement.

The students details are uploaded in college website.



### 13. Review of Odd Semester result

Chief of examiner has presented the odd semester end examination result analysis. The results were reviewed and ratified by the committee members. The overall percentage of the UG and PG programme are as under

#### UG Programme

Sl No	Semester	Overall %
1	I	83.04%
2	III	79.85%
3	V	85.50%
4	VII	90.57%

#### PG Programme

Sl No	Semester	Branch	Overall %
1	I	MBA	85.16%
2	I	MCA	89.89%
3	I	M.Tech	100.00%
4	III	MBA	98.29 %
5	III	MCA	96.19 %
6	III	M.Tech	100 %
7	V	MCA	95.87 %

The detailed result analysis of all the semester end exam is enclosed as **Annexure- 8**.

### 14. Review of Report on Induction Programme for I Year BE students

Principal informed that the induction programme for I year BE students was conducted as per the AICTE norms. He further read the main points of the report on the induction programme. All the council members were happy with the quality of programmes conducted for the induction programmes and same was ratified.

The report on Induction Programme is enclosed as **Annexure – 9**.

### 15. Sports Achievements

Principal read out the report on the sports achievements by the college for the year 2019-20 (Odd Semester). Principal informed the members that the college has participated in all the major sports activities and bagged trophies and brought laurels to the college. The detail of sports activities is uploaded in the NHCE website.

The members have congratulated the college students for their achievements.

The details are enclosed as **Annexure -10**.

  
Principal