

Title: Minutes of Meeting - IIC 4.0

Category: Meeting

Date: 25/03/2022

Chair Person: IIC President / Head – R&D

Convenor: Dr. Agalya V

No. of Participants: 23

Organizers: Department of Research & Development, NHCE

Venue: ME – II OT LAB

Action Plan for Institution's Innovation Council- NHCE:

- Department wise interested faculties and students name list has to be collected to drive the IIC activities.
- Role of IIC members should be circulated from next QUARTER(Q3&Q4).
- IIC calendar to be planned and executed.
- IIC Driven activities status for AY 2021-22 should be presented every month.
- All activities, including elective(Self)activities, as listed in calendar by IIC are mandatory for IIC members.
- Activities planned/conducted should have impact.
- Feedback should be collected for every activities and discussed in the monthly meeting.
- Event Report should be submitted within 3 days of completion of events. Template should be followed for report.
- All IIC related events report should be collected by IIC Coordinators and uploaded in IIC 4.0 –MOE folder(will be circulate soon).



- All IIC members of the respective department should give at least 5 ideas for IIC which can be taken further for prototype development towards NIC 2022.
- Details of shortlisted IIC ideas with short description and POC tracking should be maintained in google sheet shared by IPR coordinator.
- IIC ideas: 50 ideas to be given from NHCE (Each department minimum 8 Maximum 10..It depends upon the intake) by 28th March 2022. These ideas can be divided with different departments.
- Motivate students to participate. Train them who are participating in the competitions. Provide all possible support to students who are participating in the competition.
- While selecting a team, select students from all consecutive years and not just with final year students as it is becoming difficult to contact them after they pass out.
- Every department should find out that each project is suitable for competition.
- **Date for review should be decided and check list to be prepared.(Convenor)**

S.No.	Name of Member	Department	Signature
1.	Prof. Siddesh G K	R&D	Siddesh
2.	Prof. Agalya V	R&D	Agalya
3.	Prof. Piruthiviraj	ECE	Piruthiviraj
4.	Prof. Dinesh J	AI-ML	Dinesh
5.	Prof. P. Adhikary	R&D	P. Adhikary
6.	Prof. Singaravelan A	EEE	Singaravelan
7.	Prof. Gopal K	ME	Gopal K
8.	Prof. Natchimuthu Subramani	CIVIL	Natchimuthu
9.	Prof. Punniyamoorthy	MBA	Punniyamoorthy
10.	Prof. Sujin Jose A	AU	Sujin Jose
11.	Prof. Gurulakshmi A B	ECE	Gurulakshmi
12.	Prof. Sujitha S	EEE	Sujitha
13.	Prof. Subhashini	CSE	Subhashini



NHCE IIC 4.0 Council Members and Student Coordinators

SL No	IIC Student Coordinator Name	Department	Academic Year
1	Sai Charan	AIML	2
2	Rohan S Siddeshwara	AIML	2
3	Shreyas L	AU	3
4	Rajarshi Chatterjee	AU	3
5	Charitha N	CE	2
6	Kanisha S	CE	2
7	Sandeep Chaudhary (1NH18CV157)	CIVIL	4
8	Divya T V (1NH18CV051)	CIVIL	4
9	Bhavana K	CSE	4
10	Anshika Singh	CSE	4
11	LOKESH BISWAS M	ECE	3
12	KRISHNENDH J	ECE	3
13	ABHISEK BEDANT	EEE	3
14	W Y JHANSIPRIYA	EEE	3
15	Dhyan D Kedilaya	ISE	2
16	Krithin R	ISE	3
17	Chandan KM	MBA	2
18	Shimon Bollamma	MBA	2
19	Ramya S	MCA	2
20	Lingaraj Mudhol	ME	3
21	Nahush PN	ME	3

Siddesh

President (IIC)

Mangath

Principal & Head of the Institute



14.	Prof. Rajesh G	ECE	
15.	Prof. Saravanan K	ISE	
16.	Prof. Vishwanatha C R	MCA	
17.	Prof. C R Rathish	CO	
18.	Prof. Ramachandra Naik	BSH-Physics	
19.	Prof. M S Raghu	BSH-Chemistry	
20.	Prof. Madhumohana Raju A B	BSH-Maths	
21.	Prof. L. Srinivasan	ISE	
22.	Prof. Karthick Myilvahanan	ISE	
23.	Prof. Gunapriya B	EEE	

President (IIC)

Principal & Head of the Institute



NHCE INSTITUTION'S INNOVATION COUNCIL (IIC-4.0)

Innovation Ambassador (Foundation Level Completed)

S. No	Name	Department	Contact	Status
1	Dr. Sheelan Misra	MBA	9900911649	Completed
2	Dr.R.Thirukkumaran	CSE	9789697169	Completed
3	Dr. G Rajesh	ECE	8500952735	Completed
4	Mr. Vishwanatha C R	MCA	9481800936	Completed
5	Dr. Gopal K	ME	9940936669	Completed
6	Dr.Gurulakshmi AB	ECE	8870317249	Completed
7	Dr.Natchimuthu Subramani	CIVIL	8056244064	Ongoing
8	Dr. K. Saravanan	ISE	8883825005	Completed
9	Dr. A B Madhu Mohana Raju	BSH	9441035789	Ongoing
10	Mr.Jayasheel Kumar K. A	AU	9986995105	Completed

Innovation Ambassador (Advanced Level Completed)

S.No.	Name	Department	Contact	Status
1	Ms.SADMI ROY	MBA	9945586671	Completed
2	Dr.Gunapriya.B	EEE	9994171297	Completed

Siddesh
President (IIC)

Mayanth
Principal & Head of the Institute

NHCE IIC 4.0 Council Members and Student Coordinators

SL No	IIC Student Coordinator Name	Department	Academic Year
1	Sai Charan	AIML	2
2	Rohan S Siddeshwara	AIML	2
3	Shreyas L	AU	3
4	Rajarshi Chatterjee	AU	3
5	Charitha N	CE	2
6	Kanisha S	CE	2
7	Sandeep Chaudhary (1NH18CV157)	CIVIL	4
8	Divya T V (1NH18CV051)	CIVIL	4
9	Bhavana K	CSE	4
10	Anshika Singh	CSE	4
11	LOKESH BISWAS M	ECE	3
12	KRISHNENDH J	ECE	3
13	ABHISEK BEDANT	EEE	3
14	W Y JHANSIPRIYA	EEE	3
15	Dhyan D Kedilaya	ISE	2
16	Krithin R	ISE	3
17	Chandan .KM	MBA	2
18	Shimon Bollamma	MBA	2
19	Ramya S	MCA	2
20	Lingaraj Mudhol	ME	3
21	Nahush PN	ME	3

Siddesh
President (IIC)

Mangitha
Principal & Head of the Institute

14.	Prof. Rajesh G	ECE	<i>[Signature]</i>
15.	Prof. Saravanan K	ISE	<i>[Signature]</i>
16.	Prof. Vishwanatha C R	MCA	<i>[Signature]</i>
17.	Prof. C R Rathish	CO	<i>[Signature]</i>
18.	Prof. Ramachandra Naik	BSH-Physics	<i>[Signature]</i>
19.	Prof. M S Raghu	BSH-Chemistry	<i>[Signature]</i>
20.	Prof. Madhumohana Raju A B	BSH-Maths	<i>[Signature]</i>
21.	Prof. L. Srinivasan	ISE	<i>[Signature]</i>
22.	Prof. Karthick Mylvahanan	ISE	<i>[Signature]</i>
23.	Prof. Gunapriya B	EEE	<i>[Signature]</i>

Siddesh
President (IIC)

Manjitha
Principal & Head of the Institute



NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

Department of Research & Development

Title: Minutes of Meeting – Department of R&D

Category: Meeting

Date: 12/03/2022

Chair Person: Head – R&D

Convenor: Associate Heads R&D

No. of Participants: 16

Organizers: Department of Research & Development, NHCE

Venue: Room No-322, Department of Physics, NHCE

Objective:

- To give awareness about importance of Faculty Publications in Scopus and WoS
- To give awareness about importance of Faculty Citations in Scopus and WoS
- To give awareness about importance of Faculty Patents
- Progress of R&D initiatives from December 2021 to February 2022

About the Institution:

New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University (VTU), approved by the All India Council for Technical Education (AICTE) & University Grants Commission (UGC). It is accredited by NAAC with 'A' grade & National Board of Accreditation (NBA). New Horizon College of Engineering is located in the heart of the IT capital of India, Bangalore. The college campus is situated in the IT corridor of Bangalore surrounded by MNCs and IT giants such as Intel, Accenture, Capgemini, ARM, Symphony, Wipro, Nokia, JP Morgan and Cisco to name a few. NHCE has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. The infrastructure acts as a facilitator for the effective delivery of the curriculum. NHCE boasts of state-of-the-art facilities for its students.

About the Department of Research and Development

R&D Cell is headed by the Dean of Research and Development at New Horizon College of Engineering (NHCE), Bangalore. The various facilities, proactive initiatives to promote research and consultancy are un-paralleled at NHCE. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and mentorship of motivated faculty members at all the departments. The sustained and passionate efforts of R&D Cell at NHCE have carved a niche in India and abroad for NHCE. R&D Cell has established vibrant Institution's Innovation Council (IIC) and also has active collaborations with various work groups and professional bodies in India and abroad. The Department with support of various Departments has been sanctioned funded projects from AICTE, VGST, KSCST etc. It has also made inroads in filing patents and working on consultancy projects apart from publishing articles in Scopus and WoS indexed Journals and Conferences.

Dr. Adhikary welcomed the Co-ordinators and briefed the importance of research in NIRF.

Dr. Siddesh G.K. provided the progress of the research at NHCE. The growth in the research is due to the hard work of the faculty members. He provided a detail information that 27 Quality Publications has been made since December 2022.

He also congratulated the efforts of the department of Civil Engineering in getting consultancy from KRIDC.

He briefed on the incentives provided by the management for Quality paper publications fetching research grants and consultancy. He also said that management would like to provide Rs. 1 lakh as a reward if the Indian patent or US patent is granted.

He also mentioned the initiatives of Research and Development to enhance research at NHCE. He provided the road map of research initiatives of the R & D department.

Faculties interacted, and the Head R&D clarified about the incentives regarding Book Publications and Book Chapters.

He mentioned that Institute has received 5 research grants from VTU, AICTE, KSCST and total of 36 Lakhs has been received.

Dr. Agalya provided the information on impact of patents and process of patenting. She briefed on how student project ideas can be converted into patents and commercialized. She also

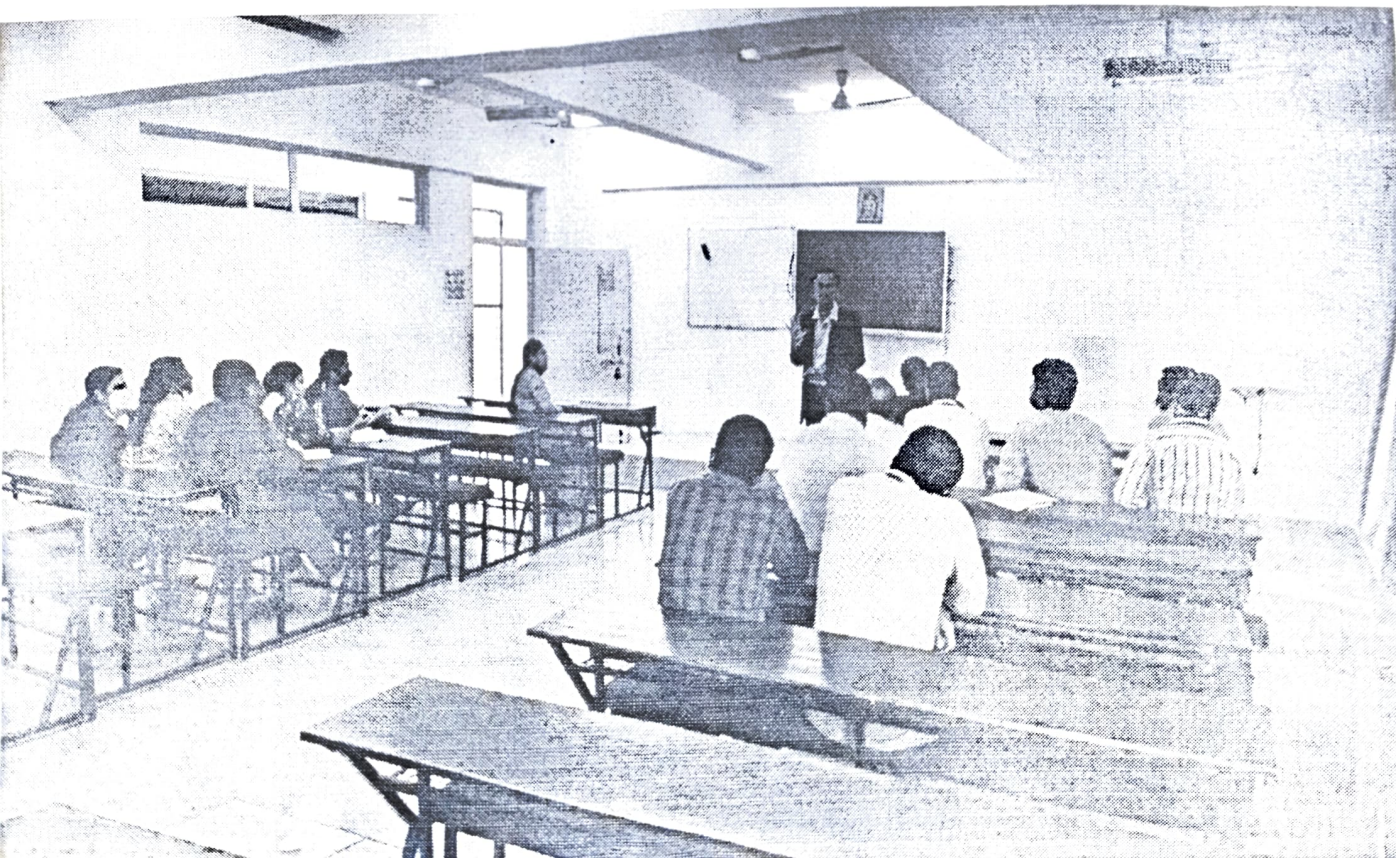
explained about the fees relaxation of educational institutions to be a part of one of the applicants.

At the end of interaction, Dr. Adhikary provided the roadmap of research initiatives towards R&D development and 8th Sem project conversion into paper publication.

Attendance:

New Horizon College of Engineering					
R&D Meeting					
Venue: 322 (Physics Dept)			Date: 12-03-2022		
Sl No	Faculty Name	Designation	Department	Coordinator - R&D / NIRF	Sign
1	Jshani Mishra	Sr AP	ECE	Project Coordinator	guy
2	Dr. B. Nithya Ramesh	Asso. Prof.	MCA	R&D	An
3	Jeeyitha R	Sr. AP	CSE	Project Coordinator	guy
4	Amarjot Pal Chema	Sr. AP	ECE	R&D	guy
5	R. Baby Chithra	SAP	ECE	R&D	guy
6	Dr. D. KRISHNAN	Asso. Prof	MCA	NIRF	guy
7	Dr. A. Swin Jose	Asso. Prof	AU	R&D	guy
8	Dr. K. Gopal	Asso. Prof	MECH	NIRF	guy
9	Dr. L. SRINIVASAN	Asso. Prof	ISE	NIRF	guy
10	Dr. B. Meenakshi Sundaram	Professor	CSE	NIRF	guy
11	Dr. K. A. Madhwaraj	Professor	MCA	NIRF	guy
12	Dr. Jagadeesh C. B.	Professor	Civil	NIRF - R&D	guy
13	Dr. P. Adhikary	Prof and Asst Head	R&D/ME	R&D Dept.	guy
14	Karthik A.V	Sr. AP	AU	Project Coordinator	guy
15	Dr. VINUTH KUMAR K	Asso. Prof	EEE	NIRF	guy
16	Dr. N. Prabhakaran	Sr. A.P	EEE	R&D	guy
17					
18					
19					
20					
21					
22					
23					
24					
25					

Siddesh
Head-R&D



New Horizon College of Engineering

R&D Meeting

Venue: 322 (Physics Dept)

Date: 12-03-2022

Sl No	Faculty Name	Designation	Department	Coordinator - R&D / NIRF	Sign
1	ISHANI MISHRA	Sr AP	ECE	Project Coordinator	gus
2	Dr. B. Nithya Ramesh	Asso. Prof.	MCA	R&D	Dr
3	Teerthi R	Sr. AP	CSE	Project Coordinator	Dr
4	Amarjot Pal Chuma	Sr. AP	ECE	R&D	Dr
5	R. Baby Chithra	SAP	ECE	R&D	Dr
6	Dr. D. DEEPTI KUMAR	Asso. Prof	MCA	NIRF	Dr
7	Dr. A. Sujin Jose	Asso. Prof	AV	R&D	Dr
8	Dr. K. Gopal	Asso. Prof	MECH	NIRF	Dr
9	Dr. L. SRINIVASAN	Asso. Prof	ISE	NIRF	Dr
10	Dr. B. Meenakshi Sundaram	Professor	CSE	NIRF	Dr
11	Dr. K. A. Madhwaraj	Professor	MCA	NIRF	Dr
12	Dr. Jagadeesh C.B.	Professor	Civil	NIRF - R and D	Dr
13	Dr. P. Adhiraj	Prof and Asst Head R&D/ME	R&D/ME	R&D Dept.	Dr
14	Karthik A V	Sr. AP	AV	Project Coordinator	Dr
15	Dr. NINTH KUMAR K	Asso. Prof	CSE	NIRF	Dr
16	Dr. N. Parashar	Sr. A.P	ECE	R&D	Dr
17					
18					
19					
20					
21					
22					
23					
24					
25					

NEW HORIZON COLLEGE OF ENGINEERING

Minutes of Meeting at FKCCI

Date: 02 Feb 2022

Time: 3:30 pm – 4:15 pm

Venue: FKCCI Office, Bangalore.

Members Present:

CA . I S PRASAD – President, FKCCI

Dr. Amarjeet Singh - Dean-Academics, NHCE

Dr. Siddesh G K - Head R&D, NHCE

Dr. P. Adhikary - Professor & Associate Head R&D, NHCE

Agenda:

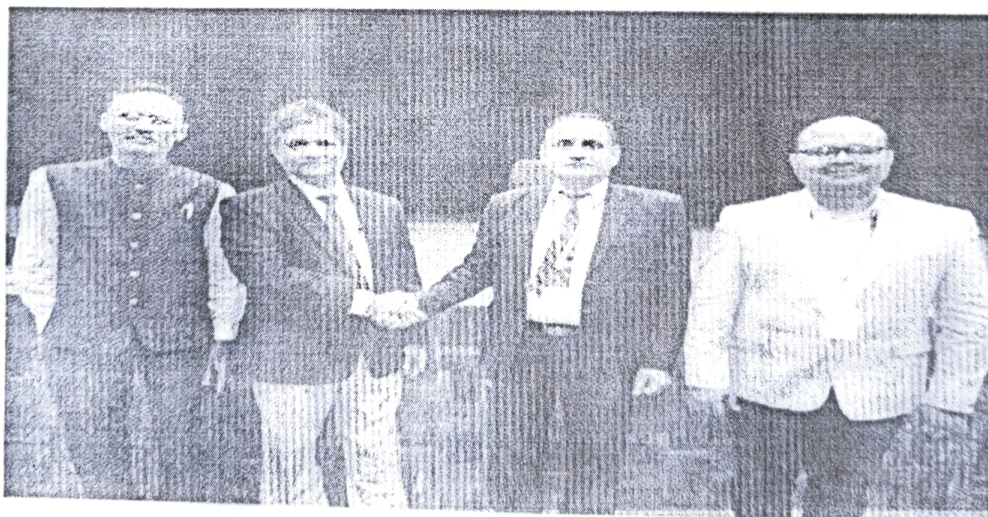
- (i) FKCCI to act as Mentor / Guide for possible consultancy
- (ii) Strengthen Industry – Institute Collaborations

Team from NHCE gave a glimpse on R&D activities at New Horizon College of Engg and also requested President, FKCCI to provide guidance to take NHCE to greater heights.

President, FKCCI provided the following suggestions

- President, FKCCI suggested about SWOT (Strength, Weak, Opportunity and Threat) analysis of NHCE Research.
- President FKCCI informed that NHCE has a potential to compete at Global Level and not to focus only on NIRF Ranking.
- President FKCCI asked to share names of faculty members and research domain for possible and potential consultancy.
- President FKCCI suggested NHCE should focus on 40 teams in Manthan.

- The Institution need to nurture, train the 40 teams and ensure the teams are selected for final round.
- A Strong R&D advisory board is to be framed compressing of senior Researchers from Industry and Academics.
- President FKCCI also suggested that all the Departments need to have a strong Industry collaborations and work on Consultancy Projects



An Interaction President, FKCCI

From L to R : Siddesh G K, CA , JS PRASAD, Amarjeet Singh and D. Adhikari

NEW HORIZON COLLEGE OF ENGINEERING

Minutes of IEEE HoD's Meeting – January 2022

Date: 29.01.2022

Time: 11:00 am – 12:20 pm

Venue: Conference Hall, NHCE

Members Present:

Principal, Dean-Academics, HoD's and IEEE members.

The Principal welcomed all the members and discussed agenda points. He has given following direction/ approval to implement the following agenda points:

Agenda:

1. IEEE conference plan for year 2022

The conduction of IEEE conference for the year 2022 has been initiated. Principal has nominated the following committee members.

- a) Advisory Committee – The Principal, Dean – Academics, HOD – ECE
- b) Execution Committee - Head– R&D
- c) Organizing Committee (IEEE Members) – Dr. Rajesh (ECE), Dr. Vinoth Kumar.K (EEE)
- d) Technical Committee – Dr. P Adhikary (ME), Dr. Ramachandra N. (Applied Sciences)

2. Updating of curriculum/syllabus with the help of PAC (Program Assessment Committee) and DAB (Department Advisory Board).

- a) Principal informed all the HOD's about PAC& DAB Meeting.
- b) PAC meeting is to be held twice per Semester& DAB Meeting to be held once per Semester.
- c) It should be implemented properly.

3. Department plan for Research Paper, Grants, Consultancy, Patents, Startup, Entrepreneurship, and Innovation.

- a) Head- R&D informed department HOD's about prompt submission of VGST proposal.
- b) KSCST Project – Application Progress. The last date to submit is 15th February 2022.

4. Conducting department wise FDP's on Saturdays

- a) Principal informed all the HOD's about Departmental FDPs to be conducted on Saturdays (Topic to be decided by HODs)
- b) Dean Academics to monitor the progress of FDPs.

5. Improvement of NIRF Perception.

Principal informed all the department HOD's to work on improving NIRF:RPC and Perception components as listed below:

- a) IPR & Patent Progress
- b) NIRF Perception – Methods to improve
- c) Scopus /WoS Publication – Any NHCE author for collaborative research (with other colleges) will be counted for appraisal
- d) Perception.

6. NEP 2020 – Scheme and Syllabus. Obsolete subjects to be removed. Meeting is scheduled on 15-02-2022 to discuss the same.

The principal thanked all members

Dean-Academics

(Dr. Amarjeet Singh)

Principal

(Dr.Manjunatha)





NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF RESEARCH & DEVELOPMENT

Title: Minutes of Meeting – Department of R&D

Category: Research Committee Meeting (Research Progress Evaluation Meeting)

Date: 21/01/2022

Chair Person: Head – R&D

Convenor: Associate Head R&D

No. of Participants: 45

Venue: Online

AGENDA

- Progress of Research Work
- Publications in Scopus / WoS Journals with good impact factor by Scholars
- Full Time Research Scholars and their availability in the Institution
- Facilities for Scholars to carry out research
- Any other points

ABOUT THE INSTITUTION:

New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University (VTU), approved by the All India Council for Technical Education (AICTE) & University Grants Commission (UGC). It is accredited by NAAC with 'A' grade & National Board of Accreditation (NBA). New Horizon College of Engineering is located in the heart of the IT capital of India, Bangalore. The college campus is situated in the IT corridor of Bangalore surrounded by MNCs and IT giants such as Intel, Accenture, Capgemini, ARM, Symphony, Wipro, Nokia, JP Morgan and Cisco to name a few. NHCE has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. The infrastructure acts as a facilitator for the effective delivery of the curriculum. NHCE boasts of state-of-the-art facilities for its students.

ABOUT THE DEPARTMENT OF RESEARCH AND DEVELOPMENT

R&D Cell is headed by the Dean of Research and Development at New Horizon College of Engineering (NHCE), Bangalore. The various facilities, proactive initiatives to promote research and consultancy are un-paralleled at NHCE. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and

mentorship of motivated faculty members at all the departments. The sustained and passionate efforts of R&D Cell at NHCE have carved a niche in India and abroad for NHCE. R&D Cell has established vibrant Institution's Innovation Council (IIC) and also has active collaborations with various work groups and professional bodies in India and abroad. The Department with support of various Departments has been sanctioned funded projects from AICTE, VGST, KSCST etc. It has also made inroads in filing patents and working on consultancy projects apart from publishing articles in Scopus and WoS indexed Journals and Conferences

MEETING OUTCOME:

The meeting was chaired by Dr Siddesh G K, Head – R&D. He mentioned about the various facilities, proactive initiatives to promote research and consultancy are un-parallel at NHCE. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and mentorship of motivated faculty members at all the departments. Dr P. Adhikary, Associate Head – R&D, NHCE mentioned about the importance of publication in scholarly journals (Scopus / WoS) during PhD work.

Dr Uma Reddy, HOD-AI&ML explained about the importance of publication in top scholarly journals (Q1 & Q2 Ranked Scopus / WoS) during PhD work.

Dr Revathi M, HOD-Physics explained about the importance of publication in top journals (Q1 & Q2 Ranked Scopus / WoS) in academic's career.

Mr D. Majumder, PhD Scholar explained his status of PhD work along with his experience in doing research at N.H.C.E. (VTU), Bangalore.

Mr Veerasha G, PhD Scholar explained his status of PhD work along with his experience in working at N.H.C.E. (VTU), Bangalore.

Mr Karthik AV, PhD Scholar explained his status of starting PhD work along with his experience in working at N.H.C.E. (VTU), Bangalore.

Siddesh
Head - R & D



NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF RESEARCH & DEVELOPMENT

Title: Minutes of Meeting – Department of R&D

Category: Research Committee Meeting (Student Project – Publication & KSCST Funding)

Date: 12/01/2022

Chair Person: Head – R&D

Convenor: Associate Head R&D

No. of Participants: 12

Venue: Room-322, Physics Department, N.H.C.E.

AGENDA

- KSCST Student Project
- Sem-7 & Sem-8 Student Project based Scopus / WoS Papers

ABOUT THE INSTITUTION:

New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University (VTU), approved by the All India Council for Technical Education (AICTE) & University Grants Commission (UGC). It is accredited by NAAC with 'A' grade & National Board of Accreditation (NBA). New Horizon College of Engineering is located in the heart of the IT capital of India, Bangalore. The college campus is situated in the IT corridor of Bangalore surrounded by MNCs and IT giants such as Intel, Accenture, Capgemini, ARM, Symphony, Wipro, Nokia, JP Morgan and Cisco to name a few. NHCE has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. The infrastructure acts as a facilitator for the effective delivery of the curriculum. NHCE boasts of state-of-the-art facilities for its students.

ABOUT THE DEPARTMENT OF RESEARCH AND DEVELOPMENT

R&D Cell is headed by the Dean of Research and Development at New Horizon College of Engineering (NHCE), Bangalore. The various facilities, proactive initiatives to promote research and consultancy are un-paralleled at NHCE. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and mentorship of motivated faculty members at all the departments. The sustained and passionate efforts of R&D Cell at NHCE have carved a niche in India and abroad for NHCE. R&D Cell has established vibrant Institution's Innovation Council (IIC) and also has active

collaborations with various work groups and professional bodies in India and abroad. The Department with support of various Departments has been sanctioned funded projects from AICTE, VGST, KSCST etc. It has also made inroads in filing patents and working on consultancy projects apart from publishing articles in Scopus and WoS indexed Journals and Conferences

MEETING OUTCOME:

The meeting was chaired by Dr Siddesh G K, Head - R&D. He mentioned that the scheme provides financial assistance to students enrolled in professional courses (Graduate and Post Graduate) and Science Post Graduate Courses in colleges and university departments to carry out science and technology projects. Dr P Adhikary, Associate Head - R&D also added the importance to student project based publications in their career path (for both job and higher study).

Attendance:

Sl. No	Name	Department	Signature
1	Dr. K. G. Madhwaraj	Professor, MCA	
2	Dr. N. Prabhakaran	SAP, EEE	
3	Dr. Vinath Kumar K	Assoc Prof, EEE	
4	Dr. D. KRISHNA Kumar	MBA	
5	Dr. P. Prameetha	MBA	
6	Dr. A. P. Nirmala	MCA	
7	Dr. B. Nithya	MCA	
8	Kanyashree	ATML	
9	Dr. P. Adhikary	R&D	
10	A. A. Sujin Jose	AU	
11	Dr. S. Anandha Prasad	CSE	
12	Dr. B. Meenakshi Sundaram	CSE	
13			

Chairman/ Research Committee

Attendance:



Chairman/ Research Committee

Siddesh
Head-R & D

DEPARTMENT OF RESEARCH & DEVELOPMENT

Title: Minutes of Meeting – Department of R&D

Category: Meeting

Date: 24/12/2021

Chair Person: Head – R&D

Convenor: Associate Head R&D

No. of Participants: 25

Organizers: Department of Research & Development, NHCE

Venue: Room No-322, Department of Physics, NHCE

AGENDA

- Research Promotion Policy - Incentives and other benefits for Research
- Patent Publication
- WoS and Scopus Publications

ABOUT THE INSTITUTION:

New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University (VTU), approved by the All India Council for Technical Education (AICTE) & University Grants Commission (UGC). It is accredited by NAAC with 'A' grade & National Board of Accreditation (NBA). New Horizon College of Engineering is located in the heart of the IT capital of India, Bangalore. The college campus is situated in the IT corridor of Bangalore surrounded by MNCs and IT giants such as Intel, Accenture, Capgemini, ARM, Symphony, Wipro, Nokia, JP Morgan and Cisco to name a few. NHCE has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. The infrastructure acts as a facilitator for the effective delivery of the curriculum. NHCE boasts of state-of-the-art facilities for its students.

ABOUT THE DEPARTMENT OF RESEARCH AND DEVELOPMENT

R&D Cell is headed by the Dean of Research and Development at New Horizon College of Engineering (NHCE), Bangalore. The various facilities, proactive initiatives to promote research and consultancy are un-paralleled at NHCE. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and mentorship of motivated faculty members at all the departments. The sustained and passionate efforts of R&D Cell at NHCE have carved a niche in India and abroad for NHCE. R&D Cell has established vibrant Institution's Innovation Council (IIC) and also has active collaborations with various work groups and professional bodies in India and abroad. The Department with support of various Departments has been sanctioned funded projects from AICTE, VGST, KSCST etc. It has also made inroads in filing patents and working on consultancy projects apart from publishing articles in Scopus and WoS indexed Journals and Conferences

Meeting Outcome:

- Faculty Members were motivated to use seed money for the research and student project support, Consultancy, Publications and Patents. Departments were informed to submit the seed grant proposal to R & D Cell.
- The NHCE has Published 27 patents during December 2021
- The Institute has published 93 Scopus and 49 WoS Publications during 2021. The Scopus h Index has increased to 24.

RESEARCH PROMOTION POLICY

Incentives & Other Benefits for Faculty Members

The Management provides seed for faculty members to encourage them to involve in research activities like fetching of research funds/ grants, consultancy, publications in Scopus / WoS indexed journals and conferences. In order to inculcate and imbibe a vibrant research culture at NHCE the policy for awarding incentives and other benefits for the Faculty Members to motivate to involve in R&D / Funding / Consultancy / Knowledge is being enhanced.

Category 1: Funded R&D Projects from the Government / Industry

1. 10% of the project value for a team of faculty involved in getting research grants.

Category 2: Consultancy / Testing Projects from the Government / Industry / NGO (Non-Governmental Organisation)

1. 70% of the surplus revenue after deducting all the expenses.
2. It will be shared by the team members, as per their contribution.

Category 3: Organizing funded Seminars / Conferences / Workshops / STTP /other

1. 8% of the receipt value for a team where financial benefit is not provided for the coordinators by the agency

Category 4: Research Publications, Book Publications and Patents

1. Research Papers in IEEE, Elsevier, Taylor & Francis, Springer etc ie Q1 and Q2 journals – 50% of Article Processing Charge limited to Rs. 20,000 /- per Year
2. Research Papers in Quality Journal (Scopus / WoS) listed as Q3 and Q4 Journals- APC Rs. 10,000 /- per year . The same support can be extended to International Conferences indexed in Scopus/ WoS
3. Academic Book (as Chapter author/Joint Author) with Quality Publisher – 10000/- per year for the group

4. Patent – All expenses Category if patent is granted (filed with NHCE as applicant) and limited to Rs.10000 / - per patent for a group if patent is published(filed with NHCE as applicant)

Category 5: Attending Seminars / Conferences / Workshops in NITs/ IITs/IIITs/ IISC

1. Registration fee will be paid by the college limited to Rs.5000/- per year .
2. On-duty will be extended including a day prior and a day after the progarmme if travelling distance is more than 500 kms from Bangalore.

Above Incentives will be provided once a publication is indexed / appears in Scopus / WoS, as and when the grants / consultancy amounts are released or the book / chapters are published, patents are granted/ published. The incentives can be paid if NHCE faculty is First Author / Corresponding Author

Attendance:

NAAC CRITERIA-3 MEETING AS ON 24-12-2021			
Sl No	Name	Department	Signature
1	Dr. Siddesh. Gk		Siddesh
2	Dr. P. Ashiraj	ME/R&D	
3	Dr. R. THIRUKKUMARAN	CSE	
4	Dr. K. Gopi	Mech	
5	Dr. K. R. MADHWARAJ	MCA	
6	Dr. D. KRISHNA KUMAR	MCA	
7	Dr. L. Srinivasan	CSE	
8	Dr. VINOTH KUMAR K	EEE	
9	Dr. P. Prabhakaran	EEE	
10	Dr. ASHOK KUMAR	ME	
11	Dr. S. Nageshwar Prabh	CSE	
12	Dr. B. Meenakshi Sunderam	CSE	
13	Dr. Jagadeesh C.B.	(CSE)	
14	Dr. A. P. Nirmala	MCA	
15	Dr. AB. madhuchandana Raju	Maths	
16	Dr. Ramachandran Naidu	Physics	
17	Dr. M. S. Ramesh	Chem	
18	Dr. R. Arthya	MCA	
19	Dr. M. S. Ramesh	EEE	
20	Dr. M. Dhanya	EEE	
21	Dr. S. Sujatha	EEE	
22			
23			
24			

DEPARTMENT OF RESEARCH & DEVELOPMENT

Title: Minutes of Meeting – Department of R&D

Category: Research Committee Meeting

Date: 13/11/2021

Chair Person: Head – R&D

Convenor: Associate Head R&D

No. of Participants: 19

Venue: Room No-322, Department of Physics, NHCE

AGENDA

- Publications in Scopus and WoS
- Patent filing

ABOUT THE INSTITUTION:

New Horizon College of Engineering is an Autonomous college affiliated to Visvesvaraya Technological University (VTU), approved by the All India Council for Technical Education (AICTE) & University Grants Commission (UGC). It is accredited by NAAC with 'A' grade & National Board of Accreditation (NBA). New Horizon College of Engineering is located in the heart of the IT capital of India, Bangalore. The college campus is situated in the IT corridor of Bangalore surrounded by MNCs and IT giants such as Intel, Accenture, Capgemini, ARM, Symphony, Wipro, Nokia, JP Morgan and Cisco to name a few. NHCE has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. The infrastructure acts as a facilitator for the effective delivery of the curriculum. NHCE boasts of state-of-the-art facilities for its students.

ABOUT THE DEPARTMENT OF RESEARCH AND DEVELOPMENT

R&D Cell is headed by the Dean of Research and Development at New Horizon College of Engineering (NHCE), Bangalore. The various facilities, proactive initiatives to promote research and consultancy are un-paralleled at NHCE. The vibrant R&D culture fosters innovative spirit to kindle the young minds at the campus under able guidance and mentorship of motivated faculty members at all the departments. The sustained and passionate efforts of R&D Cell at NHCE have carved a niche in India and abroad for NHCE. R&D Cell has established vibrant Institution's Innovation Council (IIC) and also has active

collaborations with various work groups and professional bodies in India and abroad. The Department with support of various Departments has been sanctioned funded projects from AICTE, VGST, KSCST etc. It has also made inroads in filing patents and working on consultancy projects apart from publishing articles in Scopus and WoS indexed Journals and Conferences

MEETING OUTCOME:

Faculty Members were informed the importance to publish in Scopus / WoS Journals and Conferences. The Publication Metrics, Citations and Respective Agencies/Companies Responsible for Calculation were discussed

Publication Metrics and Respective Agencies/Companies Responsible for Calculation

Web of Science	Thomson Reuters Inc	Web of Science is an online subscription-based scientific citation indexing service originally produced by the Institute for Scientific Information, now maintained by Clarivate Analytics, that provides a comprehensive citation search. Web of Science provides you access to the most reliable, integrated, multidisciplinary research connected through linked content citation metrics from multiple sources within a single interface. And since Web of Science adheres to a strict evaluation process, you can be assured only the most influential, relevant, and credible information is included - allowing you to uncover your next big idea faster. (90 million+ records)
Scopus	Elsevier Inc	Scopus is the largest abstract and citation database of peer-reviewed literature: scientific journals, books and conference proceedings. Delivering a comprehensive overview of the world's research output in the fields of science, technology, medicine, social sciences, and arts and humanities, Scopus features smart tools to track, analyze and visualize research. Scopus is Elsevier's abstract and citation database launched in 2004. It is the world's largest abstract and citation database of peer-reviewed research literature. (69 million+ records)

Research ID	Thomson Reuters Inc	ResearcherID is an identifying system for scientific authors. The system was introduced in January 2008 by Thomson Reuters. This unique identifier aims at solving the problem of author identification.
ORCID ID	Non-Profit Organization Connecting Research and Researchers	ORCID is a nonproprietary alphanumeric code to uniquely identify scientific and other academic authors and contributors. ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized.
"h" Index	Open Tool	The h-index is an author-level metric that attempts to measure both the productivity and citation impact of the publications of a scientist or scholar. The index was suggested in 2005 by Jorge E. Hirsch, a physicist at UCSD, as a tool for determining theoretical physicists' relative quality and is sometimes called the <i>Hirsch index</i> or <i>Hirsch number</i> . Hirsch suggested that, for physicists, a value for <i>h</i> of about 12 might be typical for advancement to tenure (associate professor) at major research universities. A value of about 18 could mean a full professorship, 15–20 could mean a fellowship in the <u>American Physical Society</u> , and 45 or higher could mean membership in the <u>United States National Academy of Sciences</u> .
"i-10" Index	Google Inc	Created by Google Scholar and used in Google's My Citations feature. i10-Index = the number of publications with at least 10 citations. This very simple measure is only used by Google Scholar, and is another way to help gauge the productivity of a scholar.
SJR	SCImago Journal & Country Rank	SCR lets you view journal rankings by subject category, to view a variety of indicators (including the SCR Rank and H-index) for individual journals, and to compare journals to each other

Attendance:

NIRF & R&D Coordinators Meeting (13-11-2021) (1st)				Sign
Sl No	Faculty Name	Designation	UJCE Email ID	
1	Dr. B. Ganesan	Asso. Prof	NH-0926	
2	Dr. K. S. Kumar	Asso. Prof	NH-0719	
3	Dr. K. S. Kumar	Professor	NH-0939	
4	Dr. L. Srinivasan	Asso. Prof	NH-0930	
5	Dr. M. Nandhan	Asso. Prof	NH-0911	
6	Dr. M. Nandhan	Asso. Prof	NH-1016	
7	Dr. Jagadeesan	Professor	NH-1216	
8	Dr. K. Srinivasan	Asso. Prof	NH-1217	
9	Dr. M. Nandhan	Asso. Prof	NH-1017	
10	Dr. A. Suresh	Asso. Prof	NH-1050	
11	Dr. K. S. Kumar	Asso. Prof	NH-0912	
12	Dr. A. Sujin Jose	Associate Prof	NH-0254	
13	Dr. S. Srinivasan	Dr. Prof. Prof	NH-0913	
14	Dr. K. Srinivasan	Associate Prof	NH-0914	
15	Dr. M. S. Suresh	Asso. Prof	NH-1005	
16	Dr. V. Srinivasan	Asso. Prof	NH-0453	
17	Dr. S. Srinivasan	Asso. Prof	NH-1006	
18	Dr. S. Srinivasan	Asso. Prof	NH-1104	
19	Baby Chitra	Gr. Asst. Professor		
20				
21				

Siddesh 13.11.21

Chairman/ Research Committee